

HIGH SCHOOL

PROGRAM OF STUDIES

2024-2025

Revised 08.16.2024

VOLUSIA COUNTY SCHOOLS

The School Board of Volusia County

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Vision Statement

Ensuring all students receive a superior 21st century education.

Mission Statement

Volusia County Schools will ignite a passion for learning by providing a challenging, creative curriculum in a safe, supportive environment where students reach their highest potential.

The information contained in this booklet is subject to change at any time due to changes in legislation and School Board policy.



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The course provides a rigorous study of the composition, properties and changes associated with matter. Content includes heat, changes of matter, atomic structure, bonding, formulas and equations, mole concepts,

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Florida Department of Education Resources.....

PROCESS FOR ADDING A NEW COURSE.....

ART

0100300	ADVANCED PLACEMENT ART/HISTORY OF ART	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation and must have a level 1 course.
	Type of Credit:	Performing Fine Arts

The purpose of this course is to investigate the aesthetic content and historical context of images, icons, monuments, and shelter through analysis and written response about works of art from early times through contemporary art forms. A thematic approach enables students to compare, and contrast works of various artists, periods, and styles. Global Art, Sculpture, and Architectural forms are also examined for subject matter, function, purpose, and artist intent. **Students will take the College Board Assessment for this course.**

0101355	CREATING TWO-DIMENSIONAL ART	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The purpose of the course is to investigate a wide range of media and techniques, from both a historical and contemporary perspective, as students engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists use critical analysis to reflect on their own artwork and that of others to achieve artistic goals related to craftsmanship, technique, safety, and application of 21st-century skills. This course incorporates historical and cultural references, hands-on activities, journaling, and consumption of art materials.

0101300	TWO-DIMENSIONAL STUDIO ART 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The purpose of this course is to sharpen powers of observation and develop art skills by experimenting with wet and dry media, techniques, and drawing approaches to record ideas and to transfer concepts to painting, printmaking, collage, and/or design. Students sketch, plan, practice, and manipulate the structural elements of art; use research information; visualize imaginative ideas; and improve mark-making skills that are fundamental to all visual art imagery. Ethical use of art content is stressed. Through the critique process, students evaluate and respond to their own work and the work of others. This course incorporates hands-on activities, sketchbook journaling, and consumption of art materials.

0101310	TWO-DIMENSIONAL STUDIO ART 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Two-Dimensional Studio Art 1
	Type of Credit:	Performing Fine Arts

The purpose of this course is to develop and refine mark-making and technical skills using a variety of media to achieve spatial relationships in representational, abstract, and nonrepresentational drawing, painting, printmaking, collage, and/or design. Students sketch, manipulate, and refine the structural elements of art through the organizational principles of design to

complete a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and the work of others; consider how art reflects society; and collaborate on ideas and imagery. This course incorporates historical and cultural references, hands-on activities, sketchbook journaling, and consumption of art materials.

0104340	DRAWING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The purpose of this course is to emphasize the creation and communication of symbols, ideas, and concepts, sharpen powers of observation, and incorporate cultural and historical connections in a variety of two-dimensional (2-D) works. Students practice sketching, experiment with wet and dry drawing media and techniques for approaches to drawing problems, develop critical thinking skills, and improve mark-making which is fundamental to all visual arts imagery. Figure drawing is introduced, and career and real-world applications will be investigated. Ethical use of art content is stressed. Through the critique process, students evaluate and respond to their own work and the work of others. This course incorporates hands-on activities and consumption of art materials.

0104350	DRAWING 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Drawing
	Type of Credit:	1 Performing Fine Arts

The purpose of this course is to develop and refine mark-making, technical, and media skills and create 2-D compositions in which objects are imitated or altered in appearance with changes in lighting and/or artist viewpoint. Students sketch, manipulate, and practice creating subjective and objective drawings based on the structural elements of art, the organizational principles of design, observation, spatial relationships, visualization, reinvention, and research. Compositions incorporate conceptual or informational ideas from still life, landscape, figures, and/or architecture. Through the critique process, students evaluate and respond to their own work and the work of others. This course incorporates hands-on activities and consumption of art materials.

0108370	DIGITAL ART IMAGING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The purpose of this course is to explore the fundamental concepts, terminology, techniques, and applications of digital imaging as they relate to the development, creation, and display of graphic and fine art works. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Additional content includes the interrelationship between digital arts and other art forms and subjects; legal and ethical responsibilities; cooperative skills; and connections to history, culture, and real-world applications. Journals/sketchbooks contain developing ideas based on the structural elements, research, and notes to support the creative process. Through critiques, students evaluate and respond to their own work and the work of others to measure artistic growth. This course incorporates hands-on activities, the use of technology, and consumption of art materials.

0108380	DIGITAL ART IMAGING 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Digital Art Imaging 1
	Type of Credit:	Performing Fine Arts

The purpose of this course is to develop and expand concepts, terminology, techniques, and applications for the creative process to design, print, and display original two-dimensional graphic and fine works of art. As students become more adept at using the tools and techniques available to them, they design digital still and/or animated images through the single or combined use of computers, digital cameras, scanners, software (i.e., photo editing, drawing, painting, animation, presentation, etc.), graphic tablets, printers, new media, and emerging technologies. Journals/sketchbooks contain compositional ideas based on the structural elements, research, documentation, and notes to support the creative process. Additional content includes the interrelationship between digital arts and other art forms and subjects; legal and ethical responsibilities; cooperative skills; and connections to history, culture, and real-world applications. Through the critique process, students evaluate and respond to their own designs and images and the work of others to measure artistic growth with increasing sophistication. This course incorporates hands-on activities, the use of technology, and consumption of art materials.

0108310	CREATIVE PHOTOGRAPHY 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The purpose of this course is to explore the aesthetic foundations of art making using beginning photography techniques and color and/or black and white photography via digital media and/or traditional photography. Students become familiar with the basic mechanics of a camera, including lens and shutter operation, lighting, compositional foundations, printing an image for display, and evaluating a successful print. Student photographers may use a variety of media and materials, such as 35mm black and white film, single lens reflex camera, digital camera, darkroom, computer application, filters, various papers, digital output, photogram, cyanotypes, Sabatier effect, and pinhole photography. Craftsmanship and quality are reflected in the surface of the prints and the care of the materials. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. Cultural and historical connections will be covered, as well as career and real-world applications, copyright law, safety, and ethical issues. This course incorporates journaling, hands-on activities, photographic resources, and consumption of art materials.

0108320	CREATIVE PHOTOGRAPHY 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Creative Photography 1
	Type of Credit:	Performing Fine Arts

The purpose of this course is to experiment with a variety of photographic media and techniques and make connections with historical and contemporary photographers to develop a focused body of work. This course may include, but is not limited to, researching the history of photography, making connections to contemporary and community photographers, critiquing with varied techniques, and experimenting with a variety of photographic media. Processes and techniques include, but are not limited to, handcrafted pinhole cameras, hand-tinted photographs, mixed media, cyanotypes, medium format, photo collage, cross-processing, creative filters, infrared and slide film, night photography, macro, panoramic, and/or digital output via a variety of media. Journals/sketchbooks contain compositional ideas based on the structural elements, research, process documentation and notes to support the creative process. Craftsmanship and quality are reflected in the surface of the print, care of the materials, attention to compositional conventions, and expression of ideas and viewpoints. Photographers use an

art criticism process to evaluate, explain, and measure artistic growth in personal or group works. Cultural and historical connections will be covered in technical and aesthetic terms, as well as career and real-world applications, copyright law, safety, and ethical issues. This course incorporates hands-on activities, photographic resources, and consumption of art materials.

0101365	CREATING THREE-DIMENSIONAL ART	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The purpose of this course is to investigate a wide range of media and techniques, from both a historical and contemporary perspective, as students engage in the art-making processes of creating 3-D artworks, which may include sculpture, assemblage, and/or ceramics. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. This course incorporates hands-on activities and consumption of art materials.

0101330	THREE-DIMENSIONAL STUDIO ART 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The purpose of this course is to explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Media may include, but are not limited to, clay, wood, plaster, and paper maché with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., hand-held, human, monumental) using positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. They explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, implied line, space, and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques and use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. Cultural and historical connections will be covered, as well as career and real-world applications. This course incorporates hands-on activities, journaling, and consumption of art materials.

0101340	THREE-DIMENSIONAL STUDIO ART 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Three-Dimensional Studio Art 1
	Type of Credit:	Performing Fine Arts

The purpose of this course is to explore spatial relationships using nonobjective, abstract, or representational forms, products, or structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, and/or building arts. Media may include, but are not limited to, clay, wood, metal, plaster, paper mâché, and plastic with consideration of the workability, durability, cost, and toxicity of the media used. 3-D artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art form. Students in the 3-D art studio focus on the use of safety procedures for process, media, and techniques and use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. Cultural and historical connections will be

covered, as well as career and real-world applications. This course incorporates hands-on activities, journaling, and consumption of art materials.

0102300	CERAMICS/POTTERY 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instructional focus will be on ceramics and/or pottery. Media may include, but are not limited to, clay and/or plaster, with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., hand-held, human, monumental) using positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. They explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, implied line, space, and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities, journaling, and consumption of art materials.

0102310	CERAMICS/POTTERY 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Ceramics/Pottery 1
	Type of Credit:	Performing Fine Arts

Students explore spatial relationships using nonobjective, abstract, or representational forms, products, or structures. Instructional focus should be on ceramics and/or pottery. Processes and techniques for substitution may include, but are not limited to, wheel-thrown clay, glaze formulation and application. Media may include, but are not limited to, clay and/or plaster with consideration of the workability, durability, cost, and toxicity of the media used. Ceramic and/or pottery artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities, journaling, and consumption of art materials.

0102320	CERAMICS/POTTERY 3 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Ceramics/Pottery 2/Teacher Recommendation
	Type of Credit:	Performing Fine Arts

Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Instruction may include content in ceramics, pottery, or other related media. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space. Other concepts for exploration include tension, compression or expansion, intrusions or extrusions, grouping, proximity, containment, closure, contradiction, and continuity. Ceramic and/or pottery artists experiment with processes, techniques, and media, which may include, but are not limited to, casting and kiln-firing techniques, and mold making. Craftsmanship and quality are reflected

in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. This course incorporates hands-on activities, journaling, and consumption of art materials.

0109310	PORTFOLIO DEVELOPMENT: DRAWING HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation and must have a level 1 course.
	Type of Credit:	Performing Fine Arts

The purpose of this course is to work in a self-directed environment toward the development of a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, and/or mixed media that emphasizes line quality, rendering of form, composition, surface manipulation, and/or illusion of depth. Students regularly reflect on aesthetics and art issues individually and in a group and focus on expressive content that is progressively more innovative and representative of artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision, artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving abilities related to structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. This course incorporates hands-on activities and consumption of art materials.

0109320	PORTFOLIO DEVELOPMENT: TWO-DIMENSIONAL DESIGN HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation and must have a level 1 course.
	Type of Credit:	Performing Fine Arts

The purpose of this course is to work in a self-directed environment toward the development of a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, mixed media, traditional photography, digital photography, and/or new media and emerging technologies that demonstrate understanding of design principles as applied to a 2-dimensional surface. Students regularly reflect on aesthetics and art issues individually and in a group and manipulate the structural elements of art and organizational principles of design to create 2-dimensional works of art that are progressively more innovative and representative of the student's artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision, artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving abilities based on structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. This course incorporates hands-on activities and consumption of art materials.

0109330	PORTFOLIO DEVELOPMENT: THREE-DIMENSIONAL DESIGN HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation and must have a level 1 course.
	Type of Credit:	Performing Fine Arts

The purpose of this course is to work in a self-directed environment toward the development of a portfolio showing a body

of their own work that visually explores a particular artistic concern, articulated, and supported by a written artist's statement. Artists may work in, but are not limited to, content in clay, wood, wire, glass, metal, jewelry, fabrics/fibers, fashion design, green design, industrial design, and/or objects for interior design or architecture that integrate 3-dimensional design issues in a purposeful way. Students regularly reflect on aesthetics and art issues individually and as a group and manipulate the structural elements of art and organizational principles of design to create 3-dimensional works of art that are progressively more innovative and representative of the student's artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving skills based on their structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. This course incorporates hands-on activities and consumption of art materials.

0104300	ADVANCED PLACEMENT STUDIO ART: DRAWING PORTFOLIO	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation & must have level one course
	Type of Credit:	Performing Fine Arts

The purpose of this Advanced Placement course is to give an art student the opportunity to develop quality, concentration and breadth in drawing concepts, skills, and techniques. The content should include, but not be limited to, the experiences in the development of perceptual, conceptual, and technical aspects of drawing, painting and/or printmaking. Preparation of the appropriate number of works, digital documentation and upload to The College Board site for portfolio evaluation, and presentation techniques are required in each of three portfolio sections to be evaluated by The College Board. Research analysis, sketchbook/journal, and aesthetic and historical criticism are required for this in-depth study in non-linear thinking. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. **Students will take the College Board Assessment for this course.**

0109350	ADVANCED PLACEMENT STUDIO ART: 2-D DESIGN PORTFOLIO	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation & must have level one course
	Type of Credit:	Performing Fine Arts

The purpose of this Advanced Placement course is to give advanced students the opportunity to develop quality, concentration, and breadth in a very broad interpretation of two-dimensional (2-D) design issues. This type of visual communication involves purposeful decision-making about how to use the elements and principles of art in skillful and integrative ways. Preparation of the appropriate number of works, digital documentation, and upload to The College Board site for portfolio evaluation, and presentation techniques are required in each of three portfolio sections to be evaluated by The College Board. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. **Students will take the College Board Assessment for this course.**

0109360	ADVANCED PLACEMENT STUDIO ART: 3-D DESIGN PORTFOLIO	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation & must have level one course
	Type of Credit:	Performing Fine Arts

The purpose of this Advanced Placement course is to give an art student the opportunity to develop quality, concentration and breadth in the three-dimensional (3-D) design portfolio. The content should include, but not be limited to, the experiences in the development of perceptual, conceptual and technical aspects of additive, subtractive, and/or fabrication

process when creating sculptural or ceramic forms. Preparation of the appropriate number of works, digital documentation and upload to The College Board site for portfolio evaluation, and presentation techniques are required in each of three portfolio sections to be evaluated by The College Board. Research analysis, sketchbook/journal, and aesthetic and historical criticism are required for this in-depth study in non-linear thinking. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. **Students will take the College Board Assessment for this course.**

COMPUTER EDUCATION

0200320	ADVANCED PLACEMENT COMPUTER SCIENCE A	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Computer Programming 1
	Type of Credit:	Elective

This course places emphasis on structured and logical design of computer programs. Topics include design and implementation of algorithms that lead to computer programs for solution of problems in areas such as controls, file manipulation, and applications of data structures. **Students will take the College Board Assessment for this course.**

0200335	ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

In this course students will develop computational thinking and using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. This course encourages application of the creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. Students will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. **Students will take the College Board Assessment for this course.**

DANCE

0300305	INTRODUCTION TO DANCE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. Students in these semester-long, entry-level courses, designed for those having no prior dance instruction, learn introductory information regarding:

1. the role of dance(s) in history and culture.
2. a variety of dance styles, which may include modern, ballet, jazz, folk, tap, hip-hop and various world dance styles; and,
3. the body, major bone, and muscle groups, how they function in dance movements, and the importance of proper health and nutrition.

Students will apply requisite knowledge via exploration and performance of various styles. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside of the school day to support, extend and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, purchase) appropriate footwear and/or dance attire from an outside source. Costs and/or fees may be required.

0300310	DANCE TECHNIQUES 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This is a beginning dance course. Students will learn and perform basic dance steps and techniques in two or more dance styles, to be chosen from ballet, lyrical, jazz, theater, modern, or tap. Students will also learn dance terminology, choreography, and simple dance sequences. Costs and/or fees may be required.

0300320	DANCE TECHNIQUES 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Dance Tech 1/Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This is the continuation of Dance Technique 1. Students will learn and perform additional steps and techniques in two or more dance styles as listed above. Students will also learn additional terminology, basic choreography, and dance criticism. Participation in one aspect of a public performance will be required. Costs and/or fees may be required.

0300330	DANCE TECHNIQUES 3 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Dance Tech 2/Teacher Recommendation
	Type of Credit:	Performing Fine Arts

Participation in at least one aspect of a public performance will be part of the requirements of this course. After school rehearsals, performances, and/or instruction are a graded requirement of this course. This is an intermediate level dance course. Students will learn additional dance terminology, techniques, and dances in three or more dance styles as listed in Dance Tech 1. Students will also learn how to critique dances. Costs and/or fees may be required.

0300334	DANCE TECHNIQUES 4 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

Participation in at least one aspect of a public performance will be part of the requirements of this course. After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides large group instruction and performance experiences in standard dance techniques. Major emphasis of study will focus on continuing skill development, conceptual understanding and aesthetic appreciation needed to perform selected choreography. Activities will include recital, civic performances, etc. As an honors course, the focus will be on cooperative learning as well as individualized instruction, student leadership, a written comprehensive examination and dance skills evaluation through ensemble performance, individual solo performance, choreography experiences, and written critiques. Costs and/or fees may be required.

0300380	DANCE CHOREOGRAPHY	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Dance Tech 3/Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course is designed for the advanced dancer and will concentrate on performance and student choreography. In addition to the techniques of spatial relationships, choreography, the elements of music, and improvisation, students will study lighting, costuming, and make-up. Costs and/or fees may be required.

0300390	DANCE CHOREOGRAPHY 2 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Dance Choreography/Performance 1
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course will provide advanced dancers with opportunities to increase and expand upon their knowledge of performance and choreographic process. Students will be challenged to critique dances, conduct research within the field of dance, perform all aspects of dance production, and improve upon already advanced technique in a variety of dance forms. Costs and/or fees may be required.

DRAMA/THEATRE

0400300	INTRODUCTION TO DRAMA	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. In this course students explore various performance, technical, and administrative aspects of theatre. Students learn about basic characterization through physical

activity, reading selected theatre literature, reading and writing theatrical reviews, and analysis of such tools as scripts, costuming, and theatrical makeup. Public performances may serve as a resource for specific instructional goals. Students may be expected to attend one or more performances outside the school day to support, extend, and assess learning in the classroom. Costs and/or fees may be required.

0400310	THEATRE 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides experiences in the study and practice of theatre arts and literature. Students will be introduced to the fundamentals of theatre production which includes scenery construction, costuming, lighting, make-up, and the fundamentals of acting. Costs and/or fees may be required.

0400320	THEATRE 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Theatre 1/Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides intermediate development of skills useful to the study and practice of theatre arts. The content includes instruction in reading and interpretation of dramatic literature, with an emphasis on the techniques and mechanics of acting, set, costume and lighting design (stagecraft), character analysis and portrayal; interpretive and analytical study of plays; and production of plays and dramatic presentations. Costs and/or fees may be required.

0400330	THEATRE 3 HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Theatre 2/Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides opportunities for drama students to continue study in acting and production techniques. The content includes instruction in specific acting techniques and various dramatic presentations emphasizing acting theories, the practice and theory of set design, make-up, lighting, properties, and directing. Costs and/or fees may be required.

0400340	THEATRE 4 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides group instruction and performance experiences in acting and stage production. Major emphasis of study focuses on continuing development of acting skills, conceptual understanding, and aesthetic appreciation. Activities include play production, evaluation festivals, critical analysis and original work. As an honors course, the focus is on cooperative learning as well as individualized instruction, student leadership, a written comprehensive examination and evaluation of dramatic skills through ensemble performance, individual solo performance, directing experiences, and written critiques. Costs and/or fees may be required.

0400410	TECHNICAL THEATRE DESIGN AND PRODUCTION 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course introduces students to the fundamentals and technical aspects of theatre production, inclusive of set design and construction, developing properties, lighting design and execution and sound design. Costs and/or fees may be required.

0400420	TECHNICAL THEATRE DESIGN AND PRODUCTION 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Technical Theatre Design and Production 1
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to enable students to develop fundamental skills in technical theatre design and production and apply them through practical experiences. the content should include, but not be limited to safety issues and regulations; theatre terminology; elements of technical theatre; trends in technical design; relationship between script and directorial concepts; properties, costumes, and make-up; lighting and sound; artistic discipline; careers; connections between stagecraft and other subject areas. *Costs and/or fees may be required.

0400430	TECHNICAL THEATRE DESIGN AND PRODUCTION 3	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Technical Theatre Design and Production 2
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to enable students to develop fundamental skills in technical theatre design and production and apply them through practical experiences. The content should include, but not be limited to safety issues and regulations; theatre terminology; elements of technical theatre; trends in technical design; relationship between script and directorial concepts; properties, costumes, and make-up; lighting and sound; artistic discipline; careers; connections between stagecraft and other subject areas. *Costs and/or fees may be required.

0400440	TECHNICAL THEATRE DESIGN AND PRODUCTION 4 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Technical Theatre Design and Production 3
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to enable students to develop fundamental skills in technical theatre design and production and apply them through practical experiences. The content should include, but not be limited to safety issues and regulations; theatre terminology; elements of technical theatre; trends in technical design; relationship between script and directorial concepts; properties, costumes, and make-up; lighting and sound; artistic discipline; careers; connections between stagecraft and other subject areas. *Costs and/or fees may be required.. *For each consecutive year of study (Technical Theatre Design and Production 2-4), the same description is used, with more advanced applications and techniques.

0400660	THEATRE, CINEMA, AND FILM PRODUCTION	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course will focus on the analysis and appreciation of films and will provide students with the skills to understand to interpret the various forms of the moving image. The aim is to substitute active viewing for passive absorption, and to offer students a context and a set of tools with which to assess the media presentations that shape the world we all inhabit. Students will learn motion picture production, storytelling techniques, the history of film, the importance of film in our society, and filmmakers' responsibilities regarding production essentials, copyright laws, ethical behavior, self-discipline and safety. Students will study classic films and important filmmakers. Costs and/or fees may be required.

0400700	MUSICAL THEATRE 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from ancient Greece to modern Broadway through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Costs and/or fees may be required.

0400710	MUSICAL THEATRE 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from ancient Greece to modern Broadway through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Costs and/or fees may be required.

0400720	MUSICAL THEATRE 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Audition and Acceptance into the Music Theatre Institute Program
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from ancient Greece to modern Broadway through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Costs and/or fees may be required.

ENGLISH

1001310	ENGLISH 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	English/Language Arts

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

1001320	ENGLISH 1 HONORS	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	English/Language Arts

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are

also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

1001340	ENGLISH 2	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 1
	Type of Credit:	English/Language Arts

This course defines what students should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations

1001350	ENGLISH 2 HONORS	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 1/English Honors 1/Teacher Recommendation
	Type of Credit:	English/Language Arts

This course defines what students in an honors setting should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

1001370	ENGLISH 3	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 2
	Type of Credit:	English/Language Arts

This course defines what students should understand and be able to do by the end of 11th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

1001380	ENGLISH 3 HONORS	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 2/English Honors 2/Teacher Recommendation
	Type of Credit:	English/Language Arts

This course defines what students should understand and be able to do by the end of the grade level. Knowledge acquisition should be the primary purpose of any reading approach. The systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

1001400	ENGLISH 4	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 3
	Type of Credit:	English/Language Arts

This course defines what students should understand and be able to do by the end of the grade level. Knowledge acquisition should be the primary purpose of any reading approach. The systematic building of a wide range of knowledge across domains is prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

1001410	ENGLISH 4 HONORS	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 3 or English Honors 3 or Teacher Recommendation
	Type of Credit:	English/Language Arts

This course defines what students should understand and be able to do by the end of the grade level. Knowledge acquisition should be the primary purpose of any reading approach. The systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

1001420	ADVANCED PLACEMENT LANGUAGE AND COMPOSITION	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 2 Honors or Teacher Recommendation
	Type of Credit:	English/Language Arts

The Advanced Placement course in English Language and Composition is a college-level study of language and writing. Students study rhetoric in a variety of genres to analyze how authors use language. The course emphasizes nonfiction and argumentative writing as preparation for taking the national Advanced Placement exam which many colleges use to award college credits. Mature writing skills are necessary for success in this course. AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. **Students will take the College Board Assessment for this course.**

1001430	ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 3 Honors or Teacher Recommendation
	Type of Credit:	English/Language Arts

The Advanced Placement course in English Literature and Composition is a college-level study of literature and writing. Students learn how to use the modes of discourse and to recognize assumptions underlying various rhetorical strategies. Through reading, discussion, writing, and listening, students engage literary texts through the resources of language, including literary devices. This course prepares students to take the national Advanced Placement exam which many colleges use to award college credits.

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. **Students will take the College Board Assessment for this course.**

1001315	ENGLISH 1 CREDIT RECOVERY	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite	English 1
	Type of Credit	Elective

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Florida Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are the same as the previously attempted corresponding course. Credit Recovery courses should ONLY be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake.

NOTE: This course does not meet NCAA requirements.

1001345	ENGLISH 2 CREDIT RECOVERY	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 2
	Type of Credit:	Elective

This course defines what students should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Florida Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are the same as the previously attempted corresponding course. Credit Recovery courses should ONLY be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake.

NOTE: This course does not meet NCAA requirements.

1001375	ENGLISH 3 CREDIT RECOVERY	
	Offered:	Grade 11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 3
	Type of Credit:	Elective

This course defines what students should understand and be able to do by the end of 11th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery,

students will continue to review and apply earlier grade-level benchmarks and expectations.

Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Florida Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are the same as the previously attempted corresponding course. Credit Recovery courses should ONLY be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake.

NOTE: This course does not meet NCAA requirements.

1001402	ENGLISH 4 CREDIT RECOVERY	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 4
	Type of Credit:	Elective

This course defines what students should understand and be able to do by the end of 12th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Common Core State Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are the same as the previously attempted corresponding course. Credit Recovery courses should ONLY be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake. **NOTE: This course does not meet NCAA requirements.**

MEDIA, PRINT, AND ORAL COMMUNICATIONS

1006300	JOURNALISM 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

1006310	JOURNALISM 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Journalism 1
	Type of Credit:	Elective

The purpose of this course is to enable students to extend fundamental skills in the production of journalism across print,

multimedia, web, and broadcast/radio platforms and to develop further knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

1006320	JOURNALISM 3	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Journalism 2/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to continue development of fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop further knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

1006330	JOURNALISM 4	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Journalism 3/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to further extend skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop further knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

1006331	JOURNALISM 5 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Journalism 2 or Higher/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to perform advanced skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

1006332	JOURNALISM 6 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Journalism 2 or Higher/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to perform advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School and professional publication efforts are expected.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased

academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

1006333	JOURNALISM 7 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Journalism 2 or Higher/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to perform advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop extended knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School and professional publication efforts are expected.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

1006334	JOURNALISM 8 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Journalism 2 or Higher/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to perform highly advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop extended knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School, community, and professional publication is expected.

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines. Academic rigor is more than simply assigning to students a greater quantity of work.

1007305	SPEECH 1 (semester course)	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

This course is designed to build student facility in structuring various types of speeches, researching information, audience analysis, presentation of speeches and building self confidence in public speaking situations. Students will critique speeches, paying attention to content, organization, language, and delivery style, and produce and present well-structured, developed speeches.

1007300	SPEECH 1 (1-year course)	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

This course is designed to build student facility in structuring various types of speeches, researching information, audience analysis, presentation of speeches and building self confidence in public speaking situations. Students will critique speeches, paying attention to content, organization, language, and delivery style, and produce and present well-structured, developed speeches.

1007315	SPEECH 2 (semester course)	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Speech 1
	Type of Credit:	Performing Fine Arts

This course is designed to further development of student facility in structuring various types of speeches, researching information, audience analysis, presentation of speeches and building self confidence in public speaking situations. Students will critique speeches, paying attention to content, organization, language, and delivery style, and produce and present well-structured, developed speeches.

1007310	SPEECH 2 (1 year course)	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Semester
	Prerequisite:	Speech 1
	Type of Credit:	Performing Fine Arts

This course is designed to further development of student facility in structuring various types of speeches, researching information, audience analysis, presentation of speeches and building self confidence in public speaking situations. Students will critique speeches, paying attention to content, organization, language, and delivery style, and produce and present well-structured, developed speeches.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

1002300	ENGLISH 1 THROUGH ESOL	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	Active ESOL (LY)
	Type of Credit:	English/ Lang. Arts

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness.

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

English Language Development ELD Standards Special Notes Section:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate information, ideas and concepts for academic success in the content area of Language Arts. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. To access an ELL supporting document which delineates performance definitions and descriptors, please click on the following

link: <https://cpalmsmediaprod.blob.core.windows.net/uploads/docs/standards/eld/la.pdf>

1002310	ENGLISH 2 THROUGH ESOL	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 1/Active ESOL (LY)
	Type of Credit:	English/Language Arts

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness.

This course defines what students should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic

literature, essays, and speeches as mentor texts.

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

English Language Development ELD Standards Special Notes Section:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate information, ideas and concepts for academic success in the content area of Language Arts. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL’s need for communication and social skills. To access an ELL supporting document which delineates performance definitions and descriptors, please click on the following

link: <https://cpalmsmediaproduct.blob.core.windows.net/uploads/docs/standards/eld/la.pdf>

1002320	ENGLISH 3 THROUGH ESOL	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 2 /Active ESOL (LY)
	Type of Credit:	English/Language Arts

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness.

This course defines what students should understand and be able to do by the end of 11th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

English Language Development ELD Standards Special Notes Section:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate information, ideas and concepts for academic success in the content area of Language Arts. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL’s need for communication and social skills. To access an ELL supporting document which delineates performance definitions and descriptors, please click on the following link:

<https://cpalmsmediaproduct.blob.core.windows.net/uploads/docs/standards/eld/la.pdf>

1002520	ENGLISH 4 THROUGH ESOL	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	English 3/Active ESOL (LY)
	Type of Credit:	English/Lang. Arts

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness.

This course defines what students should understand and be able to do by the end of 12th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

English Language Development ELD Standards Special Notes Section:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate information, ideas and concepts for academic success in the content area of Language Arts. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. To access an ELL supporting document which delineates performance definitions and descriptors, please click on the following

link: <https://cpalmsmediaproduct.blob.core.windows.net/uploads/docs/standards/eld/la.pdf>

1002381	DEVELOPMENTAL LANGUAGE ARTS THROUGH ESOL – READING (DLA)	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Active ESOL (LY)See Decision Tree 3 of VCS K-12 Reading Plan for more details
	Type of Credit:	Elective

The purpose of this course is to provide students who are native speakers of languages other than English instruction that enables students to accelerate the development of reading and writing skills and to strengthen these skills so they are able to successfully read, write, and comprehend grade level text independently. Instruction emphasizes reading comprehension and vocabulary using a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, to support students in meeting the knowledge demands of increasingly complex text.

Important Note: Reading and writing courses should not be used in place of English language arts courses; reading and writing courses are intended to be used to supplement further study in English language arts.

Additional Notes: Students entering the upper grades who are not reading on grade level have a variety of reading intervention needs. No single program of strategy can be successful in remediating the needs of all students. The reading

intervention course should require that students increase the amount and complexity of text they read independently throughout the school year, as these students do not have enough exposure to various text structures and academic vocabulary to develop skills necessary for college and career readiness.

It is necessary to implement a combination of research-based programs and strategies that have been proven successful in accelerating the development of reading skills in older readers. The instructional approaches should meet the needs of each student based on results of individual diagnostic assessments and progress monitoring.

Instruction should be explicit and systematic. It should provide direct explanations (modeling) and systematic practice opportunities (guided instruction), as well as carefully managed cumulative review to ensure mastery.

English Language Development ELD Standards Special Notes Section:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate information, ideas and concepts for academic success in the content area of Language Arts. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. To access an ELL supporting document which delineates performance definitions and descriptors, please click on the following link:

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READING

1000412	INTENSIVE READING 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	Level 1 or 2 on FAST ELA; See Decision Tree of the VCS K-12 Reading Plan
	Type of Credit:	Elective

This course is designed for 9th grade students reading below grade level. The course includes foundational skill standards to be used until a student has mastered the standard. Teachers will use the listed standards that correspond to student need based on diagnostic assessments and adjust according to ongoing progress monitoring data. Effective implementation requires the support to be matched to student need and is provided by the most experienced, and/or specialized expert. Instruction is individualized and targeted to the skills that pose the greatest barrier to learning and is characterized by the greatest number of minutes of instruction with the narrowest focus for an individual or a very small group of students. Individualized diagnostic data, as well as instructional time, are in addition to those provided in core instruction. Formative assessments occur more frequently and focus on the learning barriers to success and are based on intensity of needs. The larger the gap, the more frequent the progress monitoring. The expected outcome is for the student to achieve grade-level proficiency.

1000414	INTENSIVE READING 2	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Level 1 or 2 on FAST ELA; See Decision Tree of the VCS K-12 Reading Plan
	Type of Credit:	Elective

This course is designed for 10th grade students reading below grade level. The course includes foundational skill standards to be used until a student has mastered the standard. Teachers will use the listed standards that correspond to student need based on diagnostic assessments and adjust according to ongoing progress monitoring data. Effective implementation requires the support to be matched to student need and is provided by the most experienced, and/or specialized expert. Instruction is individualized and targeted to the skills that pose the greatest barrier to learning and is characterized by the greatest number of minutes of instruction with the narrowest focus for an individual or a very small group of students. Individualized diagnostic data, as well as instructional time, are in addition to those provided in core instruction. Formative assessments occur more frequently and focus on the learning barriers to success and are based on intensity of needs. The larger the gap, the more frequent the progress monitoring. The expected outcome is for the student to achieve grade-level proficiency.

1000416	INTENSIVE READING 3	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Level 1 or 2 on FAST ELA; See Decision Tree of the VCS K-12 Reading Plan
	Type of Credit:	Elective

This course is designed for 11th grade students reading below grade level. The course includes foundational skill standards to be used until a student has mastered the standard. Teachers will use the listed standards that correspond to student need based on diagnostic assessments and adjust according to ongoing progress monitoring data. Effective implementation requires the support to be matched to student need and is provided by the most experienced, and/or specialized expert. Instruction is individualized and targeted to the skills that pose the greatest barrier to learning and is characterized by the greatest number of minutes of instruction with the narrowest focus for an individual or a very small group of students. Individualized diagnostic data, as well as instructional time, are in addition to those provided in core instruction. Formative assessments occur more frequently and focus on the learning barriers to success and are based on intensity of needs. The larger the gap, the more frequent the progress monitoring. The expected outcome is for the student to achieve grade-level proficiency.

1000418	INTENSIVE READING 4	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Level 1 or 2 on FAST ELA; See Decision Tree of the VCS K-12 Reading Plan
	Type of Credit:	Elective

This course is designed for 12th grade students reading below grade level. The course includes foundational skill standards to be used until a student has mastered the standard. Teachers will use the listed standards that correspond to student need based on diagnostic assessments and adjust according to ongoing progress monitoring data. Effective implementation requires the support to be matched to student need and is provided by the most experienced, and/or specialized expert. Instruction is individualized and targeted to the skills that pose the greatest barrier to learning and is characterized by the greatest number of minutes of instruction with the narrowest focus for an individual or a very small group of students. Individualized diagnostic data, as well as instructional time, are in addition to those provided in core instruction. Formative assessments occur more frequently and focus on the learning barriers to success and are based on intensity of needs. The larger the gap, the more frequent the progress monitoring. The expected outcome is for the student to achieve grade-level proficiency.

WRITING

1009320	CREATIVE WRITING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students to develop and use writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

1009330	CREATIVE WRITING 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Creative Writing 1
	Type of Credit:	Elective

The purpose of this course is to enable students to continue developing and applying writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

1009331	CREATIVE WRITING 3 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Creative Writing 2
	Type of Credit:	Elective

The purpose of this course is to enable students to develop and use advanced writing and language skills for advanced creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

FINANCIAL LITERACY

(Graduation Requirement beginning with
2023-2024 9th grade cohort and thereafter)

2102371	PERSONAL FINANCE AND MONEY MANAGEMENT	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Financial Literacy

Graduation Requirement beginning with 2023-2024 9th grade cohort and thereafter.

Personal Finance and Money Management will emphasize seven areas:

1. exploring how personal financial decisions are made,
2. understanding how wages and salaries are earned, including the types of taxes owed, and evaluating various post-secondary paths and career options.
3. developing personal or family budgets and exploring how to purchase goods and services by weighing the costs and benefits of those goods and services.
4. analyzing how interest can be earned by saving now, which allows for the purchase of more goods and services later and understanding how to compare various savings accounts and services offered through financial institutions.
5. determining advantages and disadvantages of credit accounts that allow for the borrowing of money to purchase goods and services while paying for them in the future, usually with interest, and short- and long-term loans.
6. developing understanding of planning for the future through investment accounts and retirement plans and comparing investment choices by analyzing rates of return and risk, while analyzing how diversification is one way to reduce investment risk.
7. recognizing that there are risks that can result in lost income, health, or identity and that those risks can be accepted, reduced, or transferred to others through the purchase of insurance.

2102373	PERSONAL FINANCE AND MONEY MANAGEMENT HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Financial Literacy

Graduation Requirement beginning with 2023-2024 9th grade cohort and thereafter.

Honors: courses require a greater demand on students through increased academic rigor.

Personal Finance and Money Management will emphasize seven areas:

1. exploring how personal financial decisions are made,
2. understanding how wages and salaries are earned, including the types of taxes owed, and evaluating various post-secondary paths and career options.
3. developing personal or family budgets and exploring how to purchase goods and services by weighing the costs and benefits of those goods and services.
4. analyzing how interest can be earned by saving now, which allows for the purchase of more goods and services later and understanding how to compare various savings accounts and services offered through financial institutions.
5. determining advantages and disadvantages of credit accounts that allow for the borrowing of money to purchase goods and services while paying for them in the future, usually with interest, and short- and long-term loans.
6. developing understanding of planning for the future through investment accounts and retirement plans and comparing investment choices by analyzing rates of return and risk, while analyzing how diversification is one way to reduce investment risk.
7. recognizing that there are risks that can result in lost income, health, or identity and that those risks can be accepted, reduced, or transferred to others through the purchase of insurance.

HEALTH

0800320	FIRST AID AND SAFETY	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

Students will acquire skills in first aid, emergency care, and personal, community, and environmental safety. Content shall include first aid, adult, child and infant CPR, relief of obstructed airway, safety concepts, and sports medicine topics.

0800330	PERSONAL, SOCIAL, AND FAMILY RELATIONSHIPS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

Students will develop skills that promote positive social and emotional interactions and relationships. Specific content shall include in-depth study of basic human needs; self-awareness and acceptance; tolerance; stress management; family, peer and social relationship; marriage; parenting; and dealing with family problems.

0800350	ADOLESCENT HEALTH PROBLEMS	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	First Aid and Safety
	Type of Credit:	Elective

This course will provide students opportunities for in-depth investigations, extensive large and small group discussion and self-assessment related to selected personal health problems of adolescence. Content shall include study of a variety of problems including risk-taking behaviors, personal hygiene and appearance, sexually transmitted diseases, safety and first aid, and injury rehabilitation.

0800360	HEALTH EXPLORATIONS HONORS	
	Offered:	Grade 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Adolescent Health Problems
	Type of Credit:	Elective

This course will provide students with the opportunity for in-depth instruction in a variety of health topics and issues, modern medical practices and technology, and health careers.

0800370	PARENTING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide the students with skills and information that will enable them to care for and nurture the infant child. The content should include basic infant care skills; growth and development of the infant; nutrition; child safety; caring for the sick or injured infant; building positive family relationships; parental rights and responsibilities; physical, social, and mental developmental stages of an infant; safe environments; and consumer skills.

0800380	PARENTING 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Parenting 1
	Type of Credit:	Elective

This course will provide the students with skills and information that will enable them to care for and nurture the toddler and preschool age child. The content will include the physical, social, and mental developmental stages of the toddler and preschool age child; signs, symptoms, and prevention of child abuse and neglect; parent-child communication; child safety; behavior management; child learning and play activities; modeling and child development; and coping with significant developmental events such as walking, toilet training, bedwetting, and defiance.

0800390	HEALTH FOR EXPECTANT PARENTS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course will help students to develop knowledge and skills that promote a healthy baby, mother, and family. The content will include human reproduction, physical changes during pregnancy, the birth process, nutrition, health care practices, environmental effects on the unborn baby, fetal growth and development, sexually transmitted diseases, decision making, fetal growth and development, the identification of local resources and agencies providing health services, and family planning.

MATHEMATICS

To provide the best possible placement in mathematics for each student, all mathematics courses after the algebra and geometry requirements are met should be determined based on alignment to their mathematics pathway and sequence.

1200370	ALGEBRA 1A	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-Algebra
	Type of Credit:	Math

This is the first year of a two-year Algebra 1 sequence. The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems using concrete models to explain algebraic concepts. In Algebra 1-A, instructional time will emphasize four areas: (1) extending understanding of functions to linear functions and using them to model and analyze real-world relationships; (2) solving linear equations and inequalities in one variable and systems of linear equations and inequalities in two variables; (3) building linear functions, identifying their key features and representing them in various ways and (4) representing and interpreting categorical and numerical data with one and two variables.

Algebra 1A meets 1.0 credit for math graduation requirements, but only 0.5 credits for entrance into the state university system or Bright Futures Scholarship Program.

1200310	ALGEBRA 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-Algebra
	Type of Credit:	Math

The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. In Algebra 1, instructional time will emphasize five areas: (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.

Students will be required to take the Algebra I End of Course Exam (EOC), which will constitute 30% of their overall final course grade. Students will be required to pass the state Algebra EOC for graduation purposes.

1200320	ALGEBRA 1 HONORS	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Math

This course is a rigorous in-depth study of the topics of Algebra 1. In Algebra 1 Honors, instructional time will emphasize five areas: (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and

systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.

Students will be required to take the Algebra I End of Course Exam (EOC), which will constitute 30% of their overall final course grade. Students will be required to pass the state Algebra EOC for graduation purposes.

1206310	GEOMETRY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1 or equivalent
	Type of Credit:	Math

This course is designed to give an in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. In Geometry, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry. **Students will be required to take the state end of course exam which will constitute 30% of their overall final course grade.**

1206320	GEOMETRY HONORS	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1 or equivalent
	Type of Credit:	Math

This course is designed to give a rigorous in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. In Geometry Honors, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry. **Students will be required to take the state end of course exam which will constitute 30% of their overall final course grade.**

1207350	MATHEMATICS FOR COLLEGE LIBERAL ARTS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1 or equivalent and Geometry or equivalent
	Type of Credit:	Math

In Mathematics for College Liberal Arts, instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.

1200330	ALGEBRA 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1 or equivalent
	Type of Credit:	Math

In Algebra 2, instructional time will emphasize five areas: (1) extending arithmetic operations with algebraic expressions to include radical and rational expressions and polynomial division; (2) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential and logarithmic; (3) building functions using compositions, inverses and transformations; (4) extending systems of equations and inequalities to include non-linear expressions and (5) developing understanding of the complex number system, including complex numbers as roots of polynomial equations.

1200340	ALGEBRA 2 HONORS	
	Offered:	Grade 9, 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1 or equivalent
	Type of Credit:	Math

This course is a rigorous in-depth study of the topics of Algebra 2. In Algebra 2 Honors, instructional time will emphasize six areas: (1) developing understanding of the complex number system, including complex numbers as roots of polynomial equations; (2) extending arithmetic operations with algebraic expressions to include polynomial division, radical and rational expressions; (3) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential and logarithmic; (4) extending systems of equations and inequalities to include non-linear expressions; (5) building functions using compositions, inverses and transformations and (6) developing understanding of probability concepts.

1200700	MATHEMATICS FOR COLLEGE ALGEBRA	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2/Algebra 2 Honors and Geometry/Geometry Honors
	Type of Credit:	Math

In Mathematics for College Algebra, instructional time will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts; (4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; (5) extending knowledge of functions to include inverse and composition.

1200384	MATHEMATICS FOR DATA AND FINANCIAL LITERACY	
	NOTE: This course does <u>NOT</u> satisfy the Financial Literacy graduation requirement.	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1/Algebra 1 Honors and Geometry/Geometry Honors
	Type of Credit:	Math

In Mathematics for Data and Financial Literacy, instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

1200388	MATHEMATICS FOR DATA AND FINANCIAL LITERACY HONORS	
	NOTE: This course does <u>NOT</u> satisfy the Financial Literacy graduation requirement.	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2/Algebra 2 Honors
	Type of Credit:	Math

This course is a rigorous in-depth study of the topics in Mathematics for Data and Financial Literacy. In Mathematics for Data and Financial Literacy Honors, instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

1210300	PROBABILITY AND STATISTICS WITH APPLICATIONS HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2/Algebra 2 Honors
	Type of Credit:	Math

In Probability and Statistics Honors, instructional time will emphasize four areas: (1) creating and interpreting data displays for univariate and bivariate categorical and numerical data; (2) comparing and making observations about populations using statistical data, including confidence intervals and hypothesis testing; (3) extending understanding of probability and probability distributions and (4) developing an understanding of methods for collecting statistical data, including randomized trials.

1202340	PRE-CALCULUS HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2/Algebra 2 Honors
	Type of Credit:	Math

- In Precalculus Honors, instructional time will emphasize six areas: (1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions; (2) extending understanding of functions to trigonometric; (3) developing understanding of conic sections; (4) representing and performing operations with complex numbers and vectors in the coordinate plane; (5) extending understanding of relations in the plane using parametric representations, including polar coordinates and (6) analyzing arithmetic and geometric sequences and series.

1202305	ADVANCED PLACEMENT PRE-CALCULUS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2/Algebra 2 Honors
	Type of Credit:	Math

The purpose of this course is to offer students college-level pre-calculus under the guidelines of the Advanced Placement program. Students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. AP Precalculus prepares students for other college-level mathematics and science courses. The

framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. The focus is on preparation for the AP Precalculus exam given by the College Board. Calculators and computers will serve as instructional tools in concept development. **Students will take the College Board Assessment for this course.**

1210320	ADVANCED PLACEMENT STATISTICS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2/Algebra 2 Honors
	Type of Credit:	Math

The purpose of this course is to offer students college-level mathematics under the guideline of the advanced placement program. The focus is on preparation for the statistics test given by the College Examination Board. Topics of study will include exploring data, using measurement in planning a study, producing models using probability and simulation to anticipate patterns, and statistical interference. Calculators and computers will serve as instructional tools in concept development. **Students will take the College Board Assessment for this course.**

1202310	ADVANCED PLACEMENT CALCULUS AB	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2(Algebra 2 Honors)/Pre-calculus preferred
	Type of Credit:	Math

This course is designed to offer students college-level mathematics under the guidelines of the Advanced Placement Program. The focus is on preparation for the Calculus Level AB Test given by the College Examination Board in May. Study will begin by reviewing function definitions, absolute value, and elementary functions from prerequisites. Calculators and computers will serve as instructional tools in concept development. **Students will take the College Board Assessment for this course.**

1202320	ADVANCED PLACEMENT CALCULUS BC	
	Offered:	Grade 11 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Advanced Placement Calculus AB
	Type of Credit:	Math

This course is designed to offer students college-level mathematics under the guidelines of the Advanced Placement Program. The focus is on preparation for the Calculus Level BC Test given by the College Examination Board in May. Study will begin by reviewing function definitions, concepts of limits to functions, and derivate of algebraic, trigonometric, exponential, and logarithmic functions. Calculators and computers will serve as instructional tools in concept development. **Students will take the College Board Assessment for this course.**

1200400	FOUNDATIONAL SKILLS IN MATHEMATICS 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0.5 OR 1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course supports students who need additional instruction in foundational mathematics skills as it relates to core instruction. Instruction will use explicit, systematic, and sequential approaches to mathematics instruction addressing all strands including number sense & operations, algebraic reasoning, functions, geometric reasoning, and data analysis & probability. A student may take repeated offerings of this course, as needed. **THIS COURSE**

IS DESIGNED TO BE TAKEN IN ADDITION TO THE REGULARLY SCHEDULED MATHEMATICS CLASS.

1209315	MATHEMATICS FOR ACT AND SAT	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course supports students who need additional instruction in mathematics skills as it relates to earning concordant and passing scores on the ACT and SAT. In Mathematics for ACT and SAT, instructional time will emphasize six areas: (1) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (2) developing understanding of the complex number system, including complex numbers as roots of polynomial equations; (3) extending knowledge of ratios, proportions and functions to data and financial contexts; (4) solve problems involving univariate and bivariate data and make inferences from collected data; (5) relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (6) graph and apply trigonometric relations and functions. **THIS COURSE IS DESIGNED TO BE TAKEN IN ADDITION TO THE REGULARLY SCHEDULED MATHEMATICS CLASS.**

1200375	ALGEBRA 1A FOR CREDIT RECOVERY	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1A
	Type of Credit:	Elective

This is an **elective course** that was designed to support the student's success in satisfying the high school math requirement of passing the Algebra 1 EOC Exam. The purpose of this course is to remediate content and skills assessed on the Algebra 1 EOC in order to prepare for the retake exam. There is no required seat time for this course and students may earn an elective half credit for each semester they are registered. There are no limits on the number of times a student may take this course. Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Florida Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are exactly the same as the previously attempted corresponding course. Credit Recovery courses should **ONLY** be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake.

NOTE: This course does not meet NCAA requirements.

1200385	ALGEBRA 1B FOR CREDIT RECOVERY	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1B
	Type of Credit:	Elective

This is an **elective course** that was designed to support the student's success in satisfying the high school math requirement of passing the Algebra 1 EOC Exam. The purpose of this course is to remediate content and skills assessed on the Algebra 1 EOC to prepare for the retake exam. There is no required seat time for this course and students may earn an elective half credit for each semester they are registered. There are no limits on the number of times a student may take this course. Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Florida Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are the same as the previously attempted corresponding course. Credit Recovery courses should **ONLY** be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake.

NOTE: This course does not meet NCAA requirements.

1200315	ALGEBRA 1 FOR CREDIT RECOVERY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1
	Type of Credit:	Elective

This is an **elective course** that was designed to support the student's success in satisfying the high school math requirement of passing the Algebra 1 EOC Exam. The purpose of this course is to remediate content and skills assessed on the Algebra 1 EOC in order to prepare for the retake exam. There is no required seat time for this course and students may earn an elective half credit for each semester they are registered. There are no limits on the number of times a student may take this course. Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Florida Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are exactly the same as the previously attempted corresponding course. Credit Recovery courses should ONLY be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake.

NOTE: This course does not meet NCAA requirements.

1206315	GEOMETRY FOR CREDIT RECOVERY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Geometry
	Type of Credit:	Elective

This is an **elective course** that was designed to support the student's success in satisfying the high school math requirement of passing the Geometry EOC Exam. The purpose of this course is to remediate content and skills assessed on the Geometry EOC in order to prepare for the retake exam. There is no required seat time for this course and students may earn an elective half credit for each semester they are registered. There are no limits on the number of times a student may take this course. Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Florida Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are exactly the same as the previously attempted corresponding course. Credit Recovery courses should ONLY be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake.

NOTE: This course does not meet NCAA requirements.

MUSIC

1300300	MUSIC THEORY 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The course will include writing four-part triadic harmony, sight-singing, and writing simple rhythms/melodies, compositions, and study of musical terms. On completion, the student will be able to compose or arrange a short musical work.

1300330	ADVANCED PLACEMENT MUSIC THEORY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

The course contains the study of fundamental terminology, notational skills, key signatures, and transposition. Two-part counterpoint, harmonization of melodies and four-part realization of figured bass symbols will be studied. Extensive melodic, rhythmic, and harmonic-ear training will be included. Student purchase of text may be required for this course. **Students will take the College Board Assessment for this course.**

1300340	MUSIC OF THE WORLD	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

Students explore the musical traditions of 20th and 21st century American and global communities around the world through study of current trends, focusing on the function of music within various cultures (e.g., jazz, world drumming, mariachi, soul, gamelan, Bollywood, digital). Students examine and report on human activities involving music, technology and culture-related influences on music, and the sounds and structures of music composition. Public performances may serve as a resource for specific instructional goals. **Students may be required to attend one or more performances outside the school day to support, extend and assess learning in the classroom.**

1301320	GUITAR 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course is an introduction to performing experiences on the guitar and interpretation of simple notation. Students learn how to play simple chords and melodies using expressive characteristics such as dynamics and tempo. A beginning knowledge of music reading, listening skills and vocabulary appropriate to the guitar is included as a part of the course content. Costs and/or fees may be required.

1301330	GUITAR 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Guitar 1
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in guitar using varied performance techniques. The content should include the development of music fundamentals, guitar performance techniques and interpretation of musical notation including chord symbols. Costs and/or fees may be required.

1301340	GUITAR 3	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Guitar 2
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide student instruction in guitar using varied performance techniques. The content of the course should include the development of music fundamentals, a wide variety of guitar performance techniques and the interpretation of musical notation as well as tablature. Costs and/or fees may be required.

1301350	GUITAR 4 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Guitar 3
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide student instruction in guitar using varied performance techniques. The content of the course should include the development of music fundamentals, a wide variety of guitar performance techniques and the interpretation of musical notation as well as tablature. Students will also learn various improvisation techniques in a variety of musical styles. Costs and/or fees may be required.

1301360	KEYBOARD 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in keyboard using varied performance techniques. The content shall include the development of music fundamentals, keyboard performance techniques and interpretation of musical notation including chord symbols. Costs and/or fees may be required.

1301370	KEYBOARD 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Keyboard 1
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in varied performance techniques on the keyboard. The content shall include the development of music fundamentals, performance techniques and interpretation of musical notation. Costs and/or fees may be required.

1301380	KEYBOARD 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Keyboard 2
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in the development of musicianship and technical skill through the study of varied keyboard literature. The content shall include instruction of students in the independent interpretation of medium-difficult level keyboard music, development of various stylistic performance techniques, and forms. Style and history are taught holistically. Costs and/or fees may be required.

1301390	KEYBOARD 4 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Keyboard 3
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with advanced instruction in individual keyboard performance. The content should include instruction in performing difficult solos and accompaniments of varied styles and historical eras. Emphasis is placed on individual style and performance. Costs and/or fees may be required.

1302300	BAND 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course shall provide students with opportunities to develop musicianship skills in band, marching band, and instrumental ensembles through performance. Students shall develop skills in characteristic tone production (standard woodwind, brasswind or percussion instruments), band performance techniques, musical literacy and music appreciation. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1302310	BAND 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Band 1
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course shall provide students with opportunities to develop musicianship skills in band, marching band, and instrumental ensembles through performance. Students shall develop skills in characteristic tone production (standard woodwind, brasswind or percussion instruments), band performance techniques, musical literacy and music appreciation. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1302320	BAND 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Band 2
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course shall provide students with opportunities to develop musicianship skills in band, marching band, and instrumental ensembles through performance. Students shall develop skills in characteristic tone production (standard woodwind, brasswind or percussion instruments), band performance techniques, musical literacy and music appreciation. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1302330	BAND 4	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Audition
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course shall provide students with opportunities to develop musicianship skills in band, marching band, and instrumental ensembles through performance. Students shall develop skills in characteristic tone production (standard woodwind, brass, wind, or percussion instruments), band performance techniques, musical literacy and music appreciation. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1302340	BAND 5 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides large group instruction and performance experiences in wind and percussion instruments. Major emphasis of study will focus on continuing skill development, conceptual understanding and aesthetic appreciation needed to perform selected literature. Activities will include marching (unless not offered at the school), concerts, festivals, etc. As an honors course, the focus will be on cooperative learning as well as individualized instruction, student leadership, a written comprehensive examination and musical skills evaluation through ensemble performance, individual solo performance, conducting experiences, and written critiques. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1302350	BAND 6 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides large group instruction and performance experiences in wind and percussion instruments. Major emphasis of study will focus on continuing skill development, conceptual understanding and aesthetic appreciation needed to perform selected

literature. Activities will include marching (unless not offered at the school), concerts, festivals, etc. As an honors course, the focus will be on cooperative learning as well as individualized instruction, student leadership, a written comprehensive examination and musical skills evaluation through ensemble performance, individual solo performance, conducting experiences, and written critiques. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1302355	MARCHING BAND	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. Students will participate in activities of their school's marching band. Activities may include, but are not limited to, the study of the chosen program of music for the season, rehearsals of the marching routine to accompany music. There are a variety of ways that students may participate and earn credit in this course. Some students may play instruments, some may work with flags, batons, or other apparatus, some may be dancers, etc. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1302360	ORCHESTRA 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to develop musicianship skill in music ensembles on orchestral instruments. The content shall include opportunities enabling students to develop basic fundamental skills in characteristic tone production, orchestral performing techniques, musical literacy and music appreciation. Costs and/or fees may be required.

1302370	ORCHESTRA 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Orchestra 1
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to extend musicianship and ensemble experiences on orchestral instruments. The content shall include extended skill development in characteristic tone production, orchestral performance techniques, musical literacy and music appreciation. Costs and/or fees may be required.

1302380	ORCHESTRA 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Orchestra 2
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in the development of technical skills through the study of varied orchestral literature. The content shall include interpreting medium level orchestral music, establishing appropriate tone production and performance techniques, identifying simple musical forms and varied style periods, formulating aesthetic awareness. Costs and/or fees may be required.

1302390	ORCHESTRA 4	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Orchestra 3
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in the application of musicianship and technical skills through the study of varied orchestral literature. The content shall include independent interpretation of medium level orchestral music, refinement of tone production and performance techniques, musical form, style periods, and aesthetic perceptions. Costs and/or fees may be required.

1302400	ORCHESTRA 5 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides large group instruction and performance in string, wind, and percussion instruments. Major emphasis of study will focus on continuing skill development, conceptual understanding and aesthetic appreciation needed to perform selected literature. Activities will include concerts, festivals, etc. As an honors course, the focus will be on cooperative learning as well as individualized instruction, student leadership, a written comprehensive examination and musical skills evaluation through ensemble performance, individual solo performance, conducting experiences, and written critiques. Costs and/or fees may be required.

1302410	ORCHESTRA 6 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides large group instruction and performance in string, wind, and percussion instruments. Major emphasis of study will focus on continuing skill development, conceptual understanding and aesthetic appreciation needed to perform selected literature. Activities will include concerts, festivals, etc. As an honors course, the focus will be on cooperative learning as well as individualized instruction, student leadership, a written comprehensive examination and musical skills evaluation through ensemble performance, individual solo performance, conducting experiences, and written critiques. Costs and/or fees may be required..

1302460	INSTRUMENTAL ENSEMBLE 1	
	Offered:	Grade 9, 10, 11,
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course will provide students with extended opportunities for refinement of performance on brasswind, woodwind, percussion or orchestral string instruments in specific standard instrumentation for demonstration of musical independence necessary for ensemble performance; and to develop an awareness of music as an aesthetic whole. Costs and/or fees may be required. After school

rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band may be a co-curricular graded part of this course.

1302470	INSTRUMENTAL ENSEMBLE 2	
	Offered:	Grade 9, 10, 11,
	Credit:	1.0
	Length:	Year
	Prerequisite:	Instrumental Ensemble 1
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course will provide students with opportunities for performance on brasswinds, woodwinds, percussion or orchestral strings in specific standard instrumentation. The students shall develop musical independence for performance. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band may be a co-curricular graded part of this course.

1302480	INSTRUMENTAL ENSEMBLE 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Instrumental Ensemble 2
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course will provide students with extended opportunities for refinement of performance on brasswind, woodwind, percussion or orchestral string instruments in specific standard instrumentation, for demonstration of musical independence necessary for ensemble performance and to develop an awareness of music as an aesthetic whole. Students will develop refined musical sensitivity, independent interpretations of varied literature, a refined knowledge of styles and idioms, and independent musical values. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band may be a co-curricular graded part of this course.

1302490	INSTRUMENTAL ENSEMBLE 4 HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Instrumental Ensemble 3
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course will provide students with extended opportunities for refinement of performance on brass wind, woodwind, percussion or orchestral string instruments in specific standard instrumentation, for demonstration of musical independence necessary for ensemble performance and to develop an awareness of music as an aesthetic whole. Students will develop musical leadership to conduct, to independently interpret highly varied literature, and the ability to formulate musical values and the ability to perform appropriately in varied ensembles. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band may be a co-curricular graded part of this course.

1302500	JAZZ ENSEMBLE 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. Jazz Band Students are required to enroll concurrently in a Band 1 – 6 course. Enrollment concurrently in Band 1-6 will also involve mandatory participation in co-curricular graded marching band after school/outside

of school rehearsals and performances. The purpose of this course is to introduce students to jazz and popular music styles and interpretations. Emphasis is placed on characteristic tone production and idiomatic performance techniques. Costs and/or fees may be required.

1302510	JAZZ ENSEMBLE 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Jazz Ensemble 1
	Type of Credit:	Performing Fine Arts

Jazz Band Students are required to enroll concurrently in a Band 1 – 6 course. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Enrollment concurrently in Band 1-6 will also involve mandatory participation in co-curricular graded marching band after school/outside of school rehearsals and performances.

The purpose of this course is to develop and extend students' understanding of jazz and popular music. Improvisation, tone production, and performance techniques are emphasized. Costs and/or fees may be required.

1302520	JAZZ ENSEMBLE 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

Jazz Band Students are required to enroll concurrently in a Band 1 – 6 course. Enrollment concurrently in Band 1-6 will also involve mandatory participation in co-curricular graded marching band after school/outside of school rehearsals and performances. After school rehearsals, performances, and/or instruction are a graded requirement of this course.

The purpose of this course is to develop the ability to apply the knowledge of styles and techniques of varied contemporary popular and jazz literature. The content shall include the study and performance of varied medium level popular and jazz idiomatic literature. Improvisation, characteristic tone, individual and ensemble performance techniques, and an appreciation of the history of jazz in the United States are emphasized and applied. Costs and/or fees may be required.

1302530	JAZZ ENSEMBLE 4 HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

*** Jazz Band Students are required to enroll concurrently in a Band 1 – 6 course. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Enrollment concurrently in Band 1-6 will also involve mandatory participation in co-curricular graded marching band after school/outside of school rehearsals and performances.**

The purpose of this course is to develop independence in knowledge of styles and performance techniques of varied contemporary music and jazz literature. Content shall include the study and performance of varied difficult diverse popular and idiomatic literature. Independence in improvisation, interpretation and performance is emphasized. Costs and/or fees may be required.

1303300	CHORUS 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with experiences in basic vocal production and part singing. Students shall develop basic skills in tone production, performance techniques, musical literacy, and music appreciation. Costs and/or fees may be required.

1303310	CHORUS 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Chorus 1
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to extend experiences in basic vocal production techniques and part singing, choral performance techniques, vocal tone production, musical literacy and music listening shall be emphasized. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course.

1303320	CHORUS 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Chorus 2
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to develop basic musicianship and technical skills. Interpretation of notation, holistic presentation of simple musical forms, style periods and aesthetic values shall be emphasized. Costs and/or fees may be required.

1303330	CHORUS 4	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Chorus 3
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course shall include the application of vocal musicianship and technical skills through the study of varied choral literature and performances. Independent interpretation of easy-medium choral literature, refinement of tone and technique, analysis of form, style, periods, and aesthetic perceptions shall be emphasized. Costs and/or fees may be required.

1303340	CHORUS 5 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides students with large group, small group, and solo experiences in vocal production and part singing for mixed voices. Emphasis will be placed on the rehearsal and performance of quality choral and solo literature from a variety of periods and styles. Activities will include concerts, festivals, etc. As an honors course, the focus will be on cooperative learning as well as individualized instruction, student leadership, a written comprehensive examination and musical skills evaluation through ensemble performance, individual solo performance, conducting experiences, and written critiques. Costs and/or fees may be required.

1303350	CHORUS 6 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation/Contract Required
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. This course provides students with large group, small group, and solo experiences in vocal production and part singing for mixed voices. Emphasis will be placed on the rehearsal and performance of quality choral and solo literature from a variety of periods and styles. Activities will include concerts, festivals, etc. As an honors course, the focus will be on cooperative learning as well as individualized instruction, student leadership, a written comprehensive examination and musical skills evaluation through ensemble performance, individual solo performance, conducting experiences, and written critiques. Costs and/or fees may be required.

1303440	VOCAL ENSEMBLE 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to develop performance in ensembles through the study of varied literature. Instrumental accompaniment and choreography may be included. Costs and/or fees may be required.

1303450	VOCAL ENSEMBLE 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation Performing Fine Arts
	Type of Credit:	

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to apply performance techniques through the study of varied literature. Instrumental accompaniment and choreography may be included. Costs and/or fees may be required.

1303460	VOCAL ENSEMBLE 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to develop creativity and refine performance techniques through the study of varied appropriate literature. Instrumental accompaniment and choreography may be included. Costs and/or fees may be required.

1303470	VOCAL ENSEMBLE 4 HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to foster creative performances in ensembles through the study of highly varied appropriate literature as well as providing students with opportunities for leadership. The content shall include independent application of vocal balance, blend and stylistic interpretation. It provides for development of musical independence necessary for small ensemble performance and may include instrumental accompaniment and choreography. Costs and/or fees may be required.

1305300	EURHYTHMICS 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in the development of beginning level skill in the art of performing various bodily movements in rhythm using musical accompaniment. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1305310	EURHYTHMICS 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in the development of intermediate level skills in the art of performing various bodily movements in rhythm using musical accompaniment. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1305320	EURHYTHMICS 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with instruction in the development of advance level skills in the art of performing various bodily movements in rhythm using musical accompaniment. The content will include the further development of knowledge and application of techniques indigenous to various eurhythmics' styles, dance terminology and choreography. Acquisition of technique and choreography should be stressed. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1305330	EURHYTHMICS 4	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

After school rehearsals, performances, and/or instruction are a graded requirement of this course. The purpose of this course is to provide students with opportunities for extended acquisition of knowledge and development of techniques in the art of performing various bodily movements in rhythm using musical accompaniment. The content will include the extended study of musical interpretation through movement. Acquisition of technique and choreography should be stressed with emphasis on individual creativity. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a graded requirement of this course. Marching Band is a co-curricular graded part of this course.

1304300	MUSIC TECHNOLOGY AND SOUND ENGINEERING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

Students explore the fundamental applications and tools of music technology and sound engineering. As they create and learn its terminology, students also learn the history and aesthetic development of technology used to capture, create, and distribute music. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom. Costs and/or fees may be required.

1304310	MUSIC TECHNOLOGY AND SOUND ENGINEERING 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Music Technology and sound engineering 1
	Type of Credit:	Performing Fine Arts

Students will explore the fundamental applications and tools of music technology and sound engineering. As they create and learn its terminology, students also learn the history and aesthetic development of technology used to capture, create, and distribute music. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom. Costs and/or fees may be required.

PEER COUNSELING

1400300	PEER COUNSELING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students to develop basic knowledge and skills in communication, meeting human

needs, and conflict resolution. The content shall include functions of a peer facilitator, behavior as a response and its impact on self and others, basic human needs, self-awareness and self-expression, facilitative communication skills, leadership styles and skills, and conflict resolution.

1400310	PEER COUNSELING 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Peer Counseling 1
	Type of Credit:	Elective

The purpose of this course is to enable students to develop intermediate-level knowledge and skills in communication, personal and group dynamics, and conflict resolution. The content shall include, functions of a peer facilitator, behavior as a response and its impact on self and others, intra- and interpersonal skills, peer and family relationships, facilitative communication skills, group dynamics, leadership skills, conflict resolution, and personal assessment and goal setting.

1400320	PEER COUNSELING 3	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Peer Counseling 2/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to develop proficient knowledge and skills in communication, personal and group dynamics, and conflict resolution. Emphasis will be on the issues and concerns of students within the school. The content shall include leadership skills, behavior as a response and its impact on self and others, interpersonal skills, facilitative communication skills and strategies, school and community resources, needs assessment, program planning and implementation, program analysis and evaluation, and conflict resolution.

1400330	PEER COUNSELING 4	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Peer Counseling 3/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to develop advanced knowledge and skills in communication, personal and group dynamics, and conflict resolution. Emphasis will be on program development and intervention for students in the school and community. The content shall include leadership skills, behavior as a response and its impact on self and others, interpersonal skills, facilitative communication skills and strategies, conflict resolution, school and community resources, needs assessment, prevention and intervention strategies, program planning and implementation, community intervention, and program analysis and evaluation.

1400340	PEERS AS PARTNERS IN LEARNING	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Elective

This course is designed to provide reciprocal academic and social benefits to student with disabilities and their peers without disabilities. Students enrolled in this course will learn and apply knowledge and skilled practices in the areas of academic engagement, communication, social barriers, leadership, problem solving, and other disability-related topics such as historical perspectives, inclusion, Universal Design for Learning, person-first language, presumed competence, social justice for minority populations, and media representation of diverse people.

PHYSICAL EDUCATION

1501300	PERSONAL FITNESS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Personal Fitness/Physical Education

The purpose of this required course is to teach students the importance of maintaining an optimal level of health fitness and how to assess and develop that fitness. The content will also include knowledge of health problems associated with inadequate fitness levels, knowledge and application of physiological principles of fitness, proper nutrition, stress management, and consumer issues related to physical fitness. Students will develop individual wellness plans.

1501310	FITNESS LIFESTYLE DESIGN	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

This course will cover assessment of the health-related components of fitness and application of fitness concepts. Students will design, implement and self-evaluate an ongoing individualized personal wellness program. A minimum of three physical activity days each week is recommended so that students may monitor and measure individual fitness levels.

1501320	FITNESS ISSUES FOR ADOLESCENCE	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Personal Fitness
	Type of Credit:	Physical Education

Students will expand their knowledge of physical fitness concepts and engage in activities designed to improve their levels of physical fitness. Information on selected adolescent issues related to fitness and grooming will be explored. The content will include knowledge and application of physical fitness activities that assess and promote the health-related components of fitness. A minimum of three physical activity days each week is recommended so that students may monitor and measure individual fitness levels. Students will monitor and modify individual wellness plans.

1501340	WEIGHT TRAINING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will acquire basic knowledge and skills in weight training to assess, develop, and maintain their own muscular strength and endurance. They will study the importance of muscular strength and endurance, the skeletal structure and muscles, biomechanical and physiological principles, nutrition, and safety practices related to weight training. Cardiovascular fitness shall be emphasized in all weight training courses.

1501350	WEIGHT TRAINING 2	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Weight Training 1
	Type of Credit:	Physical Education

Students will increase their knowledge of, and skills in, muscular strength and endurance begun in Beginning Weight Training. Cardiovascular fitness shall also be emphasized.

1501360	WEIGHT TRAINING 3	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Weight Training 2
	Type of Credit:	Physical Education

Students will increase their knowledge of, and skills in, muscular strength and endurance. They will also learn how to design and implement a personal program to meet specific needs and goals, and how to run a weightlifting competition.

1501390	COMPREHENSIVE FITNESS	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Personal Fitness
	Type of Credit:	Physical Education

Students will expand their knowledge of fitness concepts and increase their level of total fitness. The application of biomechanical and physiological principles of training will be examined. The course will place an emphasis upon developing and maintaining healthy lifestyle habits. A minimum of three physical activity days each week is recommended so that students may monitor and measure individual fitness levels. Students will monitor and modify individual wellness plans.

1501410	POWER WEIGHT TRAINING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

The purpose of this course is to acquire knowledge and skills in power weight training and improve or maintain health related physical fitness. Students will learn safety practices, techniques and assessment of basic Olympic and power weight training skills, assessment of health-related fitness, consumer issues related to weight training and fitness activities.

1502500	SPORTS OFFICIATING	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will acquire knowledge and skills in officiating various sports. Course content includes safety practices, techniques, and procedures necessary to officiate activities. The improvement of maintenance of health-related fitness shall be emphasized.

1503400	AEROBICS 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will develop an improved level of health-related fitness, acquire knowledge of fitness concepts and recognize the significance of health-related components of fitness to one's health. They will learn safety practices, various fitness activities, health problems associated with poor cardiovascular fitness, consumer issues and biomechanical and physiological principles of health-related fitness.

1503410	AEROBICS 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Aerobics 1
	Type of Credit:	Physical Education

Students will extend their knowledge of aerobic activities and further develop their individual levels of health-related fitness. They will be able to design, implement and evaluate their own personal aerobic training program. The nutritional aspects of physical fitness will be included in this instruction.

1503420	AEROBICS 3	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Aerobics 2
	Type of Credit:	Physical Education

Students will continue to develop their individual optimal level of health-related fitness and acquire additional knowledge of fitness concepts. They will understand and be able to apply biomechanical and physiological principles related to fitness; they will exhibit knowledge of fitness-related career opportunities, also. The design, implementation and evaluation of a personal aerobic training program will be emphasized.

1502410	INDIVIDUAL AND DUAL SPORTS 1	
	Offered:	Grade 9, 10
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will learn the history, skills, rules, terminology, safety, and playing strategies, of four individual and dual sports (specific activities will vary with each high school). Sportsmanship and the maintenance and/or improvement of personal fitness shall be stressed. Where facilities permit, all students will have weight training.

1502420	INDIVIDUAL AND DUAL SPORTS 2	
	Offered:	Grade 9, 10
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will learn the history, skills, rules, terminology, safety, and playing strategies, of four individual and dual sports which were not taught in Individual and Dual Sports 1 (specific activities will vary with each high school). Sportsmanship, maintenance, and improvement of personal fitness shall be stressed.

1502430	INDIVIDUAL AND DUAL SPORTS 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

The purpose of this survey course is to acquire knowledge of individual and dual sports' play, develop basic skills in selected individual and dual sports, and maintain and/or improve health-related fitness. Activities for this course may not be repeated in Individual and Dual Sports 1 or 2.

1502470	RECREATIONAL ACTIVITIES	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will acquire the skills, techniques, strategies, knowledge of rules, and safety practices necessary to participate in selected recreational activities (e.g., badminton, table tennis, horseshoes, tennis, golf). Specific content will vary slightly with each high school. Activities that relate to the assessment, improvement, and maintenance of health-fitness will be part of this course.

1502480	OUTDOOR EDUCATION	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will acquire knowledge and skills in a variety of outdoor education activities that may be used in recreational pursuits. The activities should include, but not be limited to camping, canoeing, small craft, hiking, backpacking, orienteering, angling and cycling. The maintenance and/or improvement of physical fitness through participation in these activities will be emphasized.

1502490	CARE & PREVENTION OF ATHLETIC INJURIES	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

This course will include intervention, and care and treatment of athletic injuries with an emphasis on prevention of injury, understanding the field aspects of athletic training, techniques of taping, and injury rehabilitation. **Students will participate as student athletic trainers and will be expected to attend after- school sporting events.**

1504500	TENNIS 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

The purpose of this course is to provide students with in-depth knowledge and application of the basic strokes, techniques, rules, history, etiquette, and safety practices of tennis. Skill acquisition and the maintenance and/or improvement of personal fitness will be stressed.

1504510	TENNIS 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Tennis 1/Teacher Recommendation
	Type of Credit:	Physical Education

The purpose of this course is to provide students with more advanced skills in tennis. The content will include the history, rules, etiquette, and terminology of tennis, as well as skills, strategies, and safety practices. The maintenance and/or improvement of personal fitness will be stressed.

1504520	TENNIS 3	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Tennis 2
	Type of Credit:	Physical Education

This course is a continuation of Tennis 2.

1503300	TRACK AND FIELD	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will learn the rules, terminology, history, and safety practices of track and field activities. The application of proper techniques in track and field events will be emphasized. Students will learn strategies, officiating, and physiological principles related to exercise and training for track and field events.

1503310	BASKETBALL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

This course will provide students with opportunities to acquire in-depth knowledge and skills in basketball. Content will include techniques, strategies, rules, safety, organization and administration of basketball tournaments and other activities, and officiating techniques. Strategies of team play, individual skill acquisition, and the maintenance and/or improvement of personal fitness will be stressed.

1503320	SOCCER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

The purpose of this course is to acquire knowledge and skills in soccer and maintain or improve health related fitness. Students will learn the rules, history, terminology and techniques of soccer.

1503350	TEAM SPORTS 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will learn safety practices, skills, techniques, rules and strategies in selected team sports. Health-related components of fitness will be emphasized. The selected team sports may include, but not be limited to team handball, flicker- ball, gator-ball, speedball, field hockey and track and field. Special Note: Activities selected in Team Sports 1 may not be repeated in Team Sports 2.

1503360	TEAM SPORTS 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

Students will acquire knowledge of team sports play, develop skills in selected team sports and maintain or improve their health-related fitness levels. Students must understand and be able to apply the physiological principles related to exercise and training. The selected team sports may include, but not be limited to angle ball, soccer, volleyball, basketball, softball, flag football, and Frisbee games. Special Notes: Activities selected in Team Sports 2 must be different from those taught in Team Sports 1.

1505500	VOLLEYBALL 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Physical Education

This course will provide students with knowledge and skills in power volleyball. It will include the history, rules, terminology, skills, strategies, officiating techniques, and information on the organization and administration of volleyball activities. Students will also acquire an understanding of the physiological principles related to exercise and training and exhibit an improved or maintained level of physical fitness.

1505510	VOLLEYBALL 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Volleyball 1/Teacher Recommendation
	Type of Credit:	Physical Education

The course will provide students with knowledge and skills in Volleyball 1 for current and future recreational pursuits. It will include instruction on advanced skills, techniques and strategies of the game, as well as methods of organization and administration of volleyball activities. Students will also gain in understanding of volleyball officiating techniques. Maintenance and/or improvement of personal fitness levels are emphasized.

1505520	VOLLEYBALL 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Volleyball 2/Teacher Recommendation
	Type of Credit:	Physical Education

The course will provide students with knowledge and skills in Volleyball 2 for current and future recreational pursuits. In Volleyball 3, students will use knowledge of skill instruction from Volleyball 1 and acquisition of play strategy from Volleyball 2. In this course, specific offenses and defenses will be taught emphasizing the different levels of play from the basic to the high-level student seeking play at the college level. Coaching strategy will also be introduced, and students will be given the opportunity to teach specific drills and lead-up games to reinforce the concepts of volleyball.

1500440	MARCHING BAND P.E. WAIVER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	NOT FOR CREDIT

This course is used to denote that a Marching Band Waiver is being used to satisfy the one-half physical education credit required for graduation. Students must have participated in one full season of Marching Band or band auxiliaries. Students are still required to take the 0.5 credit Personal Fitness Course. **THIS COURSE CARRIES NO CREDIT.**

1500445	DANCE P.E. WAIVER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	NOT FOR CREDIT

This course is used to denote that a Dance Waiver is being used to satisfy the one-half physical education credit required for graduation. Students must have participated in one semester of a dance class. Students are still required to take the 0.5 credit Personal Fitness Course. **THIS COURSE CARRIES NO CREDIT.**

1500450	ROTC P.E. YEAR 1 WAIVER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	NOT FOR CREDIT

This course, **in conjunction with the ROTC P.E. Year 2 Waiver (1500460)**, is being used to satisfy the one-half physical education credit required for graduation. Students must successfully complete an ROTC course with drills and ceremonies. Students are still required to take the 0.5 credit Personal Fitness Course. **THIS COURSE CARRIES NO CREDIT.**

500460	ROTC P.E. YEAR 2 WAIVER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	NOT FOR CREDIT

This course, **in conjunction with the ROTC P.E. Year 1 Waiver (1500450)**, is being used to satisfy the one-half physical education credit required for graduation. Students must successfully complete a second ROTC course with drills and ceremonies. Students are still required to take the 0.5 credit Personal Fitness Course. **THIS COURSE CARRIES NO CREDIT.**

1500480	ROTC PERFORMING ARTS WAIVER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	NOT FOR CREDIT

This course is being used to satisfy the fine and performing arts credit required for graduation. Students must successfully complete two ROTC courses with drills and ceremonies. Students are still required to take the 0.5 credit Personal Fitness Course. **THIS COURSE CARRIES NO CREDIT.**

1500410	INTERSCHOLASTIC SPORTS SEASON 1 P.E. WAIVER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	NOT FOR CREDIT

This course is used to denote that an Interscholastic Sports waiver is being used to satisfy the one-half physical education + one-half Personal Fitness credit required for graduation. Students must participate in two full seasons of any combination of Interscholastic Sports at the Varsity or JV level to achieve the waiver. **THIS COURSE CARRIES NO CREDIT.**

1500420	INTERSCHOLASTIC SPORTS SEASON 2 P.E. WAIVER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	NOT FOR CREDIT

This course is used to denote that an Interscholastic Sports waiver is being used to satisfy the one-half physical education + one-half Personal Fitness credit required for graduation. Students must participate in two full seasons of any combination of Interscholastic Sports at the Varsity or JV level to achieve the waiver. **THIS COURSE CARRIES NO CREDIT.**

RESEARCH/AVID

1700370	CRITICAL THINKING AND STUDY SKILLS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	U.S. Government

This course is designed to develop skills related to critical thinking, learning and problem solving, enabling students to enhance their performance in both academic and non-academic areas. Strategies for acquiring, storing and retrieving information, time management and organizational skills, critical thinking operations and processes, strategies for oral and written communication, and problem solving skills including test taking skills are an integral part of this course.

1700305	FUNDAMENTAL RESEARCH	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	U.S. Government

The purpose of this course is to enable students to develop fundamental knowledge of the steps in the writing a thesis paper based on the research process. The content should include, but not be limited to, the following: nature and purpose of research, research questions and hypotheses, review of literature and other resources, primary and secondary sources, directed investigations, organization of information, report formats, styles, and content, critical analysis of research, submission of a major thesis paper

1700300	RESEARCH 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students to develop fundamental knowledge of the steps in the research process. The content should include, but not be limited to, the following: nature and purpose of research; research questions and hypotheses; research methods and procedures; review of literature and other resources; primary and secondary sources; directed investigations; organization of information; report formats, styles, and content; critical analysis of research; submission of a major independent research project.

1700380	CAREER RESEARCH & DECISION MAKING	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to further develop the career planning competencies mandated by section 1003.4156, Florida Statutes. This course will enable students to make informed career choices and develop the skills needed to successfully plan

and apply for college or a job. The content should include, but not be limited to, the following: goal-setting and decision-making processes; self-assessment; sources of career information; occupational fields and educational requirements—postsecondary education and training opportunities –writing, listening, viewing, and speaking skills for applications and interviews; financial planning and sources of educational financial assistance; and career planning.

1700500	ADVANCED PLACEMENT CAPSTONE SEMINAR (with prior district approval)	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Elective

This course is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentation, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision to craft and communicate evidence-based arguments. **Students will take the College Board Assessment for this course.**

1700510	ADVANCED PLACEMENT CAPSTONE RESEARCH (with prior district approval)	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AP Seminar
	Type of Credit:	Elective

This is the second course in the AP Capstone experience. It allows students to deeply explore an academic topic, problem, issue or idea of individual interest. Students design, plan and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with and oral defense. **Students will take the College Board Assessment for this course.**

1700390	AVID 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	Recommendation and Interview
	Type of Credit:	Elective

Advancement Via Individual Determination (AVID) is a rigorous elective class that provides support for students in the AVID college preparatory curriculum through curricular and tutor-facilitated study groups. This course is designed to enable students to develop **fundamental skills** and strategies in Cornell note-taking, oral and written communication, time management, study skills for advanced courses, organization, problem solving and inquiry. This course also guides students to pursue a college education and assists in the exploration and application process. Career exploration is introduced as part of college planning. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study skills and test taking, note-taking, and research. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, and reading to support their academic growth.

1700400	AVID 2	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Recommendation and Interview
	Type of Credit:	Elective

Advancement Via Individual Determination (AVID) is a rigorous elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop **basic skills** and strategies in Cornell note-taking, oral and written communication, time management, study skills for advanced courses, organization, problem solving, and inquiry. This course also guides students to pursue a college education and assists in the exploration and application process. Course increases career exploration. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study skills and test taking, note-taking, and research. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, and reading to support their academic growth.

1700410	AVID 3	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Recommendation and Interview
	Type of Credit:	Elective

Advancement Via Individual Determination (AVID) is a rigorous elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop intermediate skills and strategies in Cornell note-taking, oral and written communication, time management, study skills for advanced courses, organization, problem solving, and inquiry. This course also guides students to pursue a college education and assists in the

exploration and application process. Students prepare for college entrance exams and continue career exploration for college. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test taking strategies, note taking and research.

AVID 3 is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. This course is organized around the theme of “Leadership as a Catalyst for Change in Society.” Students study, in depth, exceptional leaders in contemporary society, and examine the effect these individuals have had on culture, politics, education, history, science, and the arts. The course requires that students read essays, speeches, articles and letters by these leaders, as well as at least one full-length work by the leader or about the leader. In addition, each student is required to conduct a research project that is presented in the senior year. In addition to the academic focus of the AVID Seminar, there are college bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their post-secondary plans.

1700420	AVID 4	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Recommendation and Interview
	Type of Credit:	Elective

Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. This course is designed to enable students to develop advanced skills and strategies in Cornell note-taking, oral and written communication, time management, study skills for advanced courses, organization, problem solving, and inquiry. This course also guides students to pursue a college education and actively assists in the final application process. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test taking strategies, note taking and research. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program as well as complete the requirements for the Seminar course.

AVID 4 is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. This course continues around the theme of “Leadership as a Catalyst for Change in Society.” Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID Senior Seminar, there are college bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their post-secondary plans.

JROTC AND MILITARY TRAINING

Students will be expected to follow JROTC military guidelines if they participate in JROTC programs.

PROGRAM NUMBER	AIR FORCE - JROTC	
	Course Number	Course Name
	1800400	♣ JROTC Air Force Leadership Education 1
	1800300	♣ JROTC Air Force Aerospace Science 1
	1800310	♣ JROTC Air Force Aerospace Science 2
	1800320	JROTC Air Force Aerospace Science 3
	1800320H	JROTC Air Force Aerospace Science 3 HONORS
	1800330	JROTC Air Force Aerospace Science 4: Leadership Development
	1800330H	JROTC Air Force Aerospace Science 4: Leadership Development HONORS

1800400/LPM	♣ JROTC AIR FORCE – LEADERSHIP EDUCATION 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher
	Type of Credit:	Recommendation
		Elective

This course is a joint cooperative effort between the United States Air Force and the secondary school system. All Air Force JROTC programs consists of extensive practical application demonstrated “hands-on” performance in community support activities, and knowledge of subject material evaluated through a variety of assessment techniques. The laboratory element is the most vital component of the program. Course content includes but is not limited to the following: leadership theory; drill and ceremonies; hygiene and first aid; physical fitness; oral communication techniques; effective study skills and safety.

This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and process of the subject matter.

♣ The JROTC courses coupled below meet the high school graduation fine arts requirement:

- Air Force Leadership 1 and Air Force Leadership 2, or
- Air Force Aerospace Science 1 and Air Force Aerospace Science 2, or
- Army Leadership Education and Training 1 and Army Leadership Education and Training 2

1800300	♣ JROTC AIR FORCE - AEROSPACE SCIENCE 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Elective

This course deals with Frontiers of Aviation History and Building a Better Citizen. The purpose of this course is to enable students to develop knowledge of the historical development of flight and the role of the military in history. Students also develop knowledge of the AFJROTC, individual self-control, citizenship, wellness, health, and fitness. Students practice basic drill techniques and conduct military ceremonies.

♣ The JROTC courses coupled below meet the high school graduation fine arts requirement:

- Air Force Leadership 1 and Air Force Leadership 2, or
- Air Force Aerospace Science 1 and Air Force Aerospace Science 2, or
- Army Leadership Education and Training 1 and Army Leadership Education and Training 2

1800310	♣ JROTC AIR FORCE - AEROSPACE SCIENCE 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Aerospace Science 1/Teacher Recommendation
	Type of Credit:	Elective

This course is a general study of the Science of Flight and Interpersonal Communications. The purpose of this course is to enable students to develop knowledge of the aerospace environment, human requirements of flight, principles of aircraft flight, and principles of navigation. Students also develop effective communication skills, understanding of human and group behavior, and basic leadership concepts. Students practice drill movements and observe military customs and ceremonies.

1800320	♣ JROTC AIR FORCE - AEROSPACE SCIENCE 3	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Aerospace Science 2/Teacher Recommendation
	Type of Credit:	Elective, Science requirement (when 2 & 3 completed)

This course stresses the Exploration of Space and Life Skills. The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. Students develop knowledge and skills related to planning for postsecondary education or employment, financial planning, and career opportunities. Students polish skills in marching and conducting military ceremonies.

1800320H	♣ JROTC AIR FORCE - AEROSPACE SCIENCE 3 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Aerospace Science 2/Teacher Recommendation/ Permission of Instructor/Contract Required
	Type of Credit:	Elective, Science requirement (when 2 & 3 completed)

This honors course offers extensive experience in Aerospace Science. In addition to fulfilling all requirements of Aerospace Science 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

♣ The JROTC courses coupled below meet the high school graduation fine arts requirement:

- Air Force Leadership 1 and Air Force Leadership 2, or
- Air Force Aerospace Science 1 and Air Force Aerospace Science 2, or
- Army Leadership Education and Training 1 and Army Leadership Education and Training 2

1800330	♣ JROTC AIR FORCE - AEROSPACE SCIENCE 4: LEADERSHIP DEVELOPMENT	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Aerospace Science 3/Teacher Recommendation
	Type of Credit:	Elective

This course stresses Geography and Principles of Management. The purpose of this course is to enable students to develop knowledge of physical and human geography in major regions of the world. Students develop fundamental management concepts and skills and apply them in corps activities. There are four building blocks of leadership considered in this course from the military and civilian perspective. Attention to these four areas will form a strong foundation for a capability to lead. The four areas are Management Techniques, Management Decisions, Management Functions, and Managing Self and Others. Drill and ceremony functions are carried out with ease and professionalism.

1800330H	♣ JROTC AIR FORCE - AEROSPACE SCIENCE 4: HONORS LEADERSHIP DEVELOPMENT	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Aerospace Science 3/Teacher Recommendation Permission of Instructor/Contract Required
	Type of Credit:	Elective

This honors course offers extensive experience in Aerospace Science. In addition to fulfilling all requirements of Aerospace Science 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

PROGRAM NUMBER	ARMY - JROTC	
	Course Number	Course Name
	1801300	♣ JROTC Army Leadership & Education Training 1
	1801310	♣ JROTC Army Leadership & Education Training 2
	1801320	JROTC Army Leadership & Education Training 3
	1801320H	JROTC Army Leadership & Education Training 3 HONORS
	1801330	JROTC Army Leadership & Education Training 4
	1801330H	JROTC Army Leadership & Education Training 4 HONORS

♣ The JROTC courses coupled below meet the high school graduation fine arts requirement:

- Air Force Leadership 1 and Air Force Leadership 2, or
- Air Force Aerospace Science 1 and Air Force Aerospace Science 2, or
- Army Leadership Education and Training 1 and Army Leadership Education and Training 2

1801300	♣ JROTC ARMY - LEADERSHIP & EDUCATION TRAINING 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to develop knowledge of the history, customs, traditions, and purpose of the

Army JROTC. The course includes development of basic leadership skills including leadership principles, values, and attributes. Students should master appreciation for diversity. Active learning strategies are integrated throughout the course with an emphasis on writing skills and oral communication techniques. Financial planning as well as physical fitness, diet, nutrition, healthy lifestyles, awareness of substance abuse and prevention, and basic first aid measures is included. An overview of the globe and geography and basic map reading skills are incorporated. A study of the United States Constitution, Bill of Rights, responsibilities of United States citizens, and the federal justice system is also provided.

1801310	♣ JROTC ARMY - LEADERSHIP & EDUCATION TRAINING 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Leadership Education/Training 1/Teacher Recommendation
	Type of Credit:	Elective, Physical Education (with waiver & Leadership 1), Fine Arts (with waiver & Leadership 1)

The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training 1. This course introduces the concepts of equal opportunity, fair treatment of minorities, and prevention of sexual harassment. It provides instruction of leadership skills, leadership theories, as well as the basic principles of management. It provides self-assessments that help students determine their skill sets and opportunities to teach using accepted principles and methods of instruction. It emphasizes community projects to assist in drug prevention efforts. It also includes dietary guidelines, fitness, and map-reading and orienteering skills. It discusses the significant events that helped shape and develop the Constitution and government and teachers the role of political parties in the election process.

1801320	♣ JROTC ARMY - LEADERSHIP & EDUCATION TRAINING 3	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Leadership Education/Training 2/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to expand on the skills taught in Leadership Education and Training 2. This course allows cadets to investigate the interrelationships of the services while they continue to build their leadership development and decision-making skills. It includes negotiation skills and management principles. It emphasizes staff procedures and opportunities to handle various leadership situations as well as prevent violence and manage anger. The research, identification, planning, and execution of service-learning activities are included. This course gives cadets the opportunity to apply basic concepts of strategies for career exploration and planning. It teaches how to create a career portfolio and plan for college or work. Financial management principles are studied. Skills for orienteering and/or land navigation are developed. The course also includes studies in the federal judicial system and how historical events have shaped social systems.

1801320H	♣ JROTC ARMY - LEADERSHIP & EDUCATION TRAINING 3 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Leadership Education/Training 2/Teacher Recommendation Permission of Instructor/Contract Required
	Type of Credit:	Elective

This honors course offers extensive experience in Leadership Education. In addition to fulfilling all requirements of Leadership Education and Training 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

1801330	♣ JROTC ARMY - LEADERSHIP & EDUCATION TRAINING 4	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Leadership Education/Training 3/Teacher Recommendation
	Type of Credit:	Elective

The purpose of this course is to enable students to expand on the skills taught in Leadership Education and Training 3. This course focuses on creating a positive leadership situation, negotiation, decision making, problem solving, team development, project management, and mentoring. Students will demonstrate leadership potential in an assigned command or staff position within the cadet battalion organizational structure. The course teaches cadets how to use emotional intelligence in leadership situations as well as how to maintain a positive attitude. It provides instruction on etiquette, daily planning, financial planning, and careers. It includes requirements for the practical application of leadership duties. It emphasizes physical fitness through healthy individual and group competition. The interactions between groups of people and how they affect the area's cultural, economic, and political characteristics are discussed. Concepts of democracy and freedom and their influence On the United States are discussed.

1801330H	♣ JROTC ARMY - LEADERSHIP & EDUCATION TRAINING 4 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Leadership Education/Training 3/Teacher Recommendation/ Permission of Instructor/Contract Required
	Type of Credit:	Elective

This honors course offers extensive experience in Leadership Education. In addition to fulfilling all requirements of Leadership Education and Training 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

SCIENCE

Students are required to earn 3 science credits to graduate. To earn a standard diploma, students are required to take one credit in Biology, one credit in physical science, such as Chemistry, Earth Space Science, Physics, or Physical Science and one additional science course. In addition, students are required to take the Biology EOC Exam which will count for 30% of their grade to graduate high school. Students who are preparing for the Scholar Designation are required to take 3 credits in science which include: one credit in Biology, one credit in Physics or Chemistry and one credit in an equally rigorous (EQ) science course. In addition, the Scholar Designation requires students to pass the Biology EOC Exam. All students are strongly recommended to take a fourth science.

The National Science Teachers Association (NSTA) recommends that at the high school level, all students should be in the science lab or field, collecting data every week. Laboratory investigations include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus technologies, experimental procedures, and safety procedures which are an integral part of all science courses. Students in Volusia County Schools are strongly encouraged to participate in the Science Fair and or other Science Competitions such as, but not limited to, Science Olympiad, Robotics, and The Envirothon.

2000310	BIOLOGY 1	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Biology

This course provides students with exploratory activities, laboratory experiences and real-life applications in the biological sciences. The content includes the nature of science, matter, energy, biochemistry, cell biology, genetics, levels of organization and classification, structure, function and reproduction of plants, animals, and microorganisms, behavior of organisms, interrelationships among organisms, biological selection, adaptations, and changes through time. The Biology EOC has three reporting categories: Molecular and Cellular Biology (35%), Organisms, Populations and Ecosystems (40%), Classification, Heredity and Evolution of Living Organisms (40%). **All students are required to earn a Biology credit. The Biology End Of Course Exam will account for 30% of the final grade. Students working towards the Scholar Designation must pass the Biology EOC.**

2000320	BIOLOGY 1 HONORS	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	School Recommendation
	Type of Credit:	Biology

This advanced course provides integrated laboratory experiences and real-life applications in the essential processes of life. The content includes the nature of science, matter, energy, biochemistry, cell biology, genetics, levels of organization and classification, structure, function and reproduction of plants, animals, and microorganisms, behavior of organisms, interrelationships among organisms, biological selection, adaptations and changes through time. Students entering this course in 9TH grade should have earned a 3 or higher on the 8TH grade Florida Statewide Science Assessment and or a 3 on the Reading FSA. Laboratory investigations will include the use of the scientific process, measurement, observations, predictions, reasoning, and problem-solving skills. Preserved animal studies may be a part of this course. The Biology EOC has three Reporting Categories: Molecular and Cellular Biology (35%), Organisms, Populations and Ecosystems (40%), Classification, Heredity and Evolution of Living Organisms (40%). **All students are required to earn a Biology credit. The Biology End Of Course Exam will account for 30% of the final grade. Students working towards the Scholar Designation must pass the Biology EOC.**

2000330	BIOLOGY 2 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Biology 1 or Biology 1 Honors
	Type of Credit:	EQ Science

This course builds upon the study of biological concepts introduced in Biology 1 or Biology 1 Honors. The content contains the practice of science, energy, interdependence, matter and energy transformations, organization and development of living organisms, heredity and reproduction. Laboratory investigations include the scientific process, measurement, laboratory apparatus, and safety. Preserved animal studies may be a part of this course.

2000340	ADVANCED PLACEMENT BIOLOGY	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Biology 1 Honors, Chemistry, Algebra 2, FSA Reading Level 3
	Type of Credit:	EQ Science

This college-level course seeks to prepare the student for credit and/or appropriate placement in college biology courses. The content is organized in the following 4 Big Ideas: Evolution, Cellular Processes, Genetics and Information Transfer and Interactions. Twenty five percent of instructional time is devoted to lab investigations which include two investigations per big idea. Lab investigations are student- directed and inquiry based. Preserved animal studies may be a part of this course. **Students will take the College Board Assessment for this course.**

2000360	ANATOMY AND PHYSIOLOGY HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Biology 1 or Biology 1 Honors
	Type of Credit:	EQ Science

This advanced course provides exploratory activities in the structure and function of the components of the human body. The content includes anatomical terminology, cellular biology, histology, homeostasis, immune response, organization and interrelatedness of major body systems, sensory function, and human disorders. Laboratory investigations focus on the use of the scientific process, measurement, laboratory apparatus, and safety. Preserved animal studies may be a part of the laboratory experience.

2001340	ENVIRONMENTAL SCIENCE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	EQ Science

This course provides a study of man's interaction with the environment. The content includes forms of pollution, conservation, environmental planning and policy, public land usages, population dynamics, and major forms of energy. Laboratory investigations include the use of the scientific process, measurement, laboratory apparatus, and safety.

2001380	ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Biology 1 Honors
	Type of Credit:	EQ Science

The purpose of this course is to study the interaction of man with the environment. The content includes scientific analysis, fundamental principles and concepts about the interdependence of earth's systems, population dynamics, environmental quality, global changes and their consequences. Laboratory investigation of selected topics includes the use of the scientific process, measurement, laboratory apparatus, and safety. **Students will take the College Board Assessment for this course.**

2002500	MARINE SCIENCE 1	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Biology 1
	Type of Credit:	EQ Science

The purpose of this course is to provide an overview of the marine environment. The content includes the nature of science, the origins of the oceans, the chemical and physical structure of the marine environment, ecology of the various sea zones, marine communities, and the interrelationship between man and the ocean. Laboratory investigations will include the use of the scientific process, measurement, laboratory apparatus and safety procedures. Preserved specimens may be a part of this course.

2002510	MARINE SCIENCE 1 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Biology 1
	Type of Credit:	EQ Science

This advanced course provides an in-depth study of the physical, chemical, and biological aspects of the marine environment. The content includes the origins of the oceans, marine geological studies, ecology of the sea zones, diversity of marine organisms, characteristics of the major marine ecosystems including the phyla and divisions, and the interrelationship between man and the ocean. Laboratory investigations will include the use of the scientific process, measurement, laboratory apparatus and safety procedures. Preserved specimens may be a part of this course.

2002530	MARINE SCIENCE 2 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Marine Science 1 Honors
	Type of Credit:	EQ Science

This advanced course is an extension of Marine Science 1 Honors. This course was designed to challenge students who have taken Marine Science 1 Honors through advanced applications and inquiry of the following areas: practice of science, earth systems and patterns, energy, interdependence, and matter and energy transformations. Laboratory investigations will include the use of the scientific process, measurement, laboratory apparatus and safety procedures. Preserved specimens may be a part of this course.

2001310	EARTH-SPACE SCIENCE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	EQ Science, Physical

This course provides a study of the interaction and organization of matter and energy in the solar system and the universe, and how this affects life on Earth. The content includes theories for the formation of the universe and solar system, formation of rocks, landforms, plate tectonics, fresh water and marine systems, meteorology, geologic time and renewable/non-renewable energy sources. Selected laboratory investigations include the use of scientific process, measurement, laboratory apparatus, and safety and are an integral part of this course.

2003340	CHEMISTRY 1	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1
	Type of Credit:	EQ Science, Physical

This course involves the study of the composition, properties, and changes associated with matter. The content includes the classification and structure of matter, atomic theory, periodic table, bonding, chemical formulas, chemical reactions and balanced equations, behavior of gases, and physical changes. Selected laboratory investigations include the use of the scientific process, measurement, laboratory apparatus, and safety.

2003350	CHEMISTRY 1 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2, Biology
	Type of Credit:	EQ Science, Physical

This advanced course involves the study of the composition, properties and changes of matter, atomic structure, the periodic table, bonding, gas laws, energy and order, reaction rates and equilibrium, solutions, nuclear, electric, and organic chemistry. Selected laboratory activities include the use of the scientific process, measurement, laboratory apparatus, and safety.

2003360	CHEMISTRY 2 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2, Chemistry 1 or Chemistry 1 Honors
	Type of Credit:	EQ Science, Physical

This course expands and applies chemical concepts introduced in Chemistry 1/Chemistry 1 Honors. The content includes pH and ionic equilibrium, kinetics and thermodynamics, nuclear chemistry, organic and biochemistry, and descriptive, inorganic chemistry. Selected laboratory investigations include the use of the scientific process, measurement, laboratory apparatus, and safety.

2003370	ADVANCED PLACEMENT CHEMISTRY	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2, Chemistry 1 Honors or Chemistry 2
	Type of Credit:	EQ Science, Physical

This college-level course in chemistry seeks to prepare the student for credit and/or appropriate placement in college chemistry courses. The content includes the structure and states of matter, chemical reactions, and descriptive chemistry. Selected laboratory investigations include the use of the scientific process, measurement, laboratory apparatus, and safety. **Students will take the College Board Assessment for this course.**

2003380	PHYSICS 1	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1
	Type of Credit:	EQ Science, Physical

This course provides a foundation of the concepts, theories and laws governing the interaction of matter, energy and the forces of nature. The content includes kinematics, dynamics, energy, work and power, heat and thermodynamics, waves, light, electricity, magnetism, nuclear physics, and sound. Laboratory investigations of selected topics include the use of the scientific process, measurement, laboratory apparatus, and safety.

2003390	PHYSICS 1 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1, Level 3-5
	Type of Credit:	EQ Science, Physical

This advanced course provides a rigorous study of the concepts, theories and laws governing the interaction of matter, energy, and the forces of nature. The content includes kinematics, dynamics, energy, work and power, heat and thermodynamics, waves, light, electricity, magnetism, nuclear physics, and sound. Laboratory investigations of selected topics include the use of the scientific process, measurement, laboratory apparatus, and safety.

2003410	PHYSICS 2 HONORS	
	Offered:	Grade 10,11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Physics 1 or Physics Honors EQ
	Type of Credit:	EQ Science, Physical

This course expands the study of physical concepts introduced in Physics 1. The content includes astrophysics, relativity, fluid dynamics, laws of thermodynamics, Kirchhoff's Laws, magnetic fields, electromagnetic induction, and quantum mechanics. Laboratory investigations of selected topics include the use of the scientific process, measurement, laboratory apparatus, and safety.

2003430	ADVANCED PLACEMENT PHYSICS C: MECHANICS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Physics 1 Honors, Calculus, Teacher Recommendation
	Type of Credit:	EQ Science, Physical

There are two AP Physics C courses which each correspond to approximately a semester of college work. Physics C: Mechanics should provide instruction in each of the following six content areas: kinematics, Newton's laws of motion, work, energy and power, systems of particles and linear momentum, circular motion and rotation and oscillations and gravitation. This course includes a laboratory component comparable to introductory college-level physics laboratories, with a minimum of 20 percent of instruction is focused on laboratory investigations representing a variety of topics covered in this course. **Students will take the College Board Assessment for this course.**

2003425	ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND MAGNETISM	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Physics 1 Honors, Calculus, Teacher Recommendation
	Type of Credit:	EQ Science, Physical

There are two AP Physics C courses which each correspond to approximately a semester of college work. Physics C: Electricity and Magnetism should provide instruction in each of the following five content areas: electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields and electromagnetism. This course includes a laboratory component comparable to introductory college-level physics laboratories, with a minimum of 20 percent of instruction is focused on laboratory investigations representing a variety of topics covered in this course. **Students will take the College Board Assessment for this course.**

2003421	ADVANCED PLACEMENT PHYSICS 1	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Physics Honors, Algebra 2
	Type of Credit:	EQ Science, Physical

This college-level course in physics seeks to prepare the student for credit and/or appropriate placement in a college physics course. AP Physics 1 is algebra-based and is the equivalent to equivalent to a first- semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Twenty-five percent of this course will focus on inquiry investigations. These investigations foster student engagement in the practice of science through experimenting, analyzing, making conjectures and arguments, and solving problems in a collaborative setting, where they direct and monitor their progress toward an academic goal. **Students will take the College Board Assessment for this course.**

2003422	ADVANCED PLACEMENT PHYSICS 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AP Physics 2, Algebra 2
	Type of Credit:	EQ Science, Physical

This college-level course in physics seeks to prepare the student for credit and/or appropriate placement in a college physics course. AP Physics 2 is algebra-based and is the equivalent to a semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Twenty-five percent of this course will focus on inquiry investigations. These investigations foster student engagement in the practice of science through experimenting, analyzing, making conjectures and arguments, and solving problems in a collaborative setting, where they direct and monitor their progress toward an academic goal. **Students will take the College Board Assessment for this course.**

SOCIAL STUDIES

2109330	AFRICAN HISTORY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course provides an understanding of the history and culture of African civilization with special emphasis on the backgrounds for Africa nations' contemporary problems and potentials. Content will include the unique geography of Africa, the rise of various African civilizations, the development and impact of religious thought, the evolution of political systems, economic systems, and philosophies, European colonialism, and the influence of major historical figures.

2100335	AFRICAN-AMERICAN HISTORY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

In this course students will gain an understanding of the development of African American heritage within the context of a broad historical focus. Content should include, but not be limited to, the Diasporas of Africans throughout the world, the system and impact of slavery, migration to the United States, the development of African American culture throughout different periods in U.S. History, and significant turning points and trends in the development of African American culture and institutions.

2100336	AFRICAN-AMERICAN HISTORY HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

The primary content emphasis for this course pertains to the study of the chronological development of African Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

2102310	ECONOMICS	
	Offered:	Grade 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Economics

This course will provide students with knowledge of the fundamentals of both macro and micro economics in order to promote economic. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the roll and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

2102320	ECONOMICS HONORS	
	Offered:	Grade 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Economics

This course will provide students with knowledge of the fundamentals of both macro and micro economics in order to promote economic. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the roll and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle. Honors courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., Social Studies fair, participatory citizenship project, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

2102360	ADVANCED PLACEMENT MICROECONOMICS	
	Offered:	Grade 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Honors/or AP Social Studies Courses/Teacher Recommendation
	Type of Credit:	Economics

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive readings and writing assignments. This course provides students with the opportunity to analyze the behavior of individual households, firms, markets, and how prices and outputs are determined in those markets, and how the price mechanism allocates resources and distributes income. Specific content to be covered will include an understanding of fundamental economic concepts including scarcity, opportunity costs and trade-offs, productivity, economic systems and institutions, and exchange, money, and interdependence. **Students will take the College Board Assessment for this course.**

2102370	ADVANCED PLACEMENT MACROECONOMICS	
	Offered:	Grade 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Honors/or AP Social Studies Courses/Teacher Recommendation
	Type of Credit:	Economics

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive readings and writing assignments. This course provides students with the opportunity to analyze the functioning of the economy as a whole, including total output and income, level of employment, the level of prices, and the determinants of aggregate supply and demand. Specific content to be covered will include an understanding of fundamental economic concepts including scarcity, opportunity costs and trade-offs, productivity, economic systems and institutions, exchange, money and interdependence. **Students will take the College Board Assessment for this course.**

2109350	CONTEMPORARY HISTORY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course provides an understanding of the development of the contemporary world through an investigation of the significant events and trends which have occurred during the recent past. While the course will deal primarily with twentieth century history, emphasis will be on the past two decades to assist students with understanding events occurring during their lifetime. Content will include historical antecedents of contemporary political, social, economic, and religious problems; competing goals of the world's political and economic systems; the influence of major historical and contemporary figures; and the projection of current trends into the near future.

2109380	ADVANCED PLACEMENT EUROPEAN HISTORY	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World History

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive readings and writing assignments. This course provides the analytic skills and factual knowledge necessary to deal critically with European historic development. Higher order thinking skills will be emphasized. Content will include the origin and development of European culture and institutions; the rise of the European state system; the impact of religious thought and ideals; the evolution of political systems, economic systems, and philosophies; the relationship between technological change and societal reaction; nationalism; and the future of the European continent based on contemporary trends. Content will follow the current Advanced Placement course requirements for European History. **Students will take the College Board Assessment for this course.**

2106370	COMPREHENSIVE LAW STUDIES	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course will provide an in-depth approach to examine the working of our criminal and civil justice systems. The content will include, but not be limited to opportunities for students to conduct legal research and to participate in mock trials and law-related projects. This course should emphasize real-life problems and case studies. Career opportunities in consumer and criminal law enforcement will be described and evaluated.

2106375	COMPREHENSIVE LAW STUDIES HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content for the course pertains to the study of the components and processes associated with the American legal system and the comprehensive examination of the civil and criminal justice systems. Content should include, but is not limited to, the historical antecedents and purpose for laws, the impact of social values on the establishment and interpretation of laws, causes and consequences of crime, evaluation of the adult and juvenile justice systems, significance of the Bill of Rights to the American legal system and elements of constitutionalism, civil and criminal law, family

and consumer law, rights and responsibilities under the law, and the adversarial versus inquisitorial systems of justice. This course will incorporate the development of a written appellate brief addressing a contemporary legal question and the presentation of oral arguments to defend their position legally.

2104310	EXAMINING THE AFRICAN AMERICAN EXPERIENCE IN THE 20 TH CENTURY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course will examine the artistic expressions of African Americans during the 20th Century. This century was a tumultuous time period in United States History highlighted by profound changes in the social, economic and political affairs of African Americans. By examining the music and visual art created by African Americans during this time period, students will gain an understanding of the experiences of African American peoples. Students will be exposed to the various genres of music that African Americans created or influenced such as jazz, blues, rhythm and blues, gospel, rock and roll and hip hop. Students will dissect and interpret works and explain what led to their creation and the impact that they had. Students are not only exposed to the African American music of the time but are also introduced to their visual art pieces. Students will analyze and provide their interpretations of works within the context of United States history. Students will have been exposed to some of the greatest works ever produced in American culture.

2100350	FLORIDA HISTORY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

The Florida History course consists of the following content area strands: World History, American History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of the state of Florida by examining the political, economic, social, military and cultural events that affected the state. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of Florida including, but not limited to, the evolution of Florida's diverse heritage through Spanish, French, British and American occupations, Florida's Native American population, United States annexation and territorial experience, statehood and an analysis of Florida's first constitution, Florida's system of slavery, Florida under the Confederacy and Reconstruction, Florida's role as a part of the new South, technological and urban transformations of the state, the evolution of Florida lifestyles and ideals over the centuries, the historic evolution of the Florida economy, Florida's diverse geographic regions and population groups, state government, modern day Florida's successes and challenges, and the projection of Florida's future development.

2109430	HOLOCAUST HISTORY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to examine the concept of genocide through the lens of the most documented example in history of a systematic and deliberate attempt by one group of humans to annihilate another. Students will learn the causes, course, and consequences of the Holocaust in addition to the study of other genocidal events, before and after (e.g. Armenia, Rwanda).

2100405	HOLOCAUST EDUCATION HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

The grade 9-12 Holocaust course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the examination of the events of the Holocaust (1933-1945), the systematic, methodically planned, and annihilation of European Jews. Students will explain the effect Nazi policies had on other groups targeted by the government of Nazi Germany. Students will analyze the circumstances from the end of the First World War, the effects of the Treaty of Versailles, the duration of the Weimar Republic and Hitler's rise to and consolidation of power. Students will explore the pseudoscientific and eugenic roots of Nazi ideology, the development of anti-Jewish policies and the Nazi propaganda campaign. Content will include, but is not limited to, understanding Jewish history, an investigation of human behavior in the lead up and duration of the Holocaust, the Nazi creation of ghettos for European Jews, experiences of Jews in hiding, deportations to concentration/death camps and the eventual liberation or liquidation of the camps. There will be an examination of historical and modern-day antisemitism in all its forms, and the understanding of the ramifications of antisemitism. This course will also emphasize the resilience of the Jewish people. Advanced courses require a greater demand on students through increased academic rigor.

0900305	HUMANITIES 1 HONORS (HUMANITIES TO 1500)	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course examines the world from the earliest civilizations through the Renaissance age. The content will include an interdisciplinary approach through which students will formulate their own personal values and express their understanding of painting, sculpture, architecture, music, dance, literature, drama, philosophy, history, and religion. Skills in viewing, listening, speaking, reading, writing, performing, and creating will be practiced and incorporated in the course of study.

0900320	HUMANITIES 2 HONORS (SINCE 1500)	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Humanities 1
	Type of Credit:	Elective

This course examines man's creative efforts and his world from the post-Renaissance through the contemporary period. The content will include providing opportunities for students to explore, analyze, synthesize and respond in a variety of ways to cultural traditions. These ways include viewing, listening, speaking, reading, writing, performing and creating. Students should gain an appreciation for, and an understanding of, themselves and their world through an interdisciplinary approach involving the study of painting, sculpture, architecture, music, dance, drama, history, literature, philosophy, and religion.

2106350	LAW STUDIES	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course provides an understanding of the American legal process. Content will include historical antecedents for law, constitutional guarantees, different kinds of laws, adult and juvenile justice systems, the value of law in society, the role of law enforcement officials, the importance of the adversarial relationship, social values and their impact on interpretations of the law, and the supremacy of the Constitution.

2104600	MULTICULTURAL STUDIES	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of multicultural and multiethnic groups in the United States and their influence on the development of American culture. Content should include, but is not limited to, the influence of geography on the social and economic development of Native American culture, the influence of major historical events on the development of a multicultural American society and a study of the political, economic and social aspects of Native American, Hispanic American, African American and Asian American culture.

2107300	PSYCHOLOGY 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course provides an understanding of human behavior, behavioral interaction, and the development of individuals. Content will include the theories and methods of study employed by psychologists, human growth and development, self-concept development, adjustment, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, autonomy, alienation, stress, mental health, and therapy.

2107310	PSYCHOLOGY 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Psychology 1
	Type of Credit:	Elective

The purpose of this course is to allow students to expand their awareness of areas of psychology. The content should include statistical research/memory and thought, sensation and perception, motivation and emotion, sleep and dreams, stress and conflict, adjustment in society and human interaction.

2108300	SOCIOLOGY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course provides an understanding of group interaction and its impact on individuals. Content will include the methods of study employed by sociologists; social institutions and norms; relationships between the sexes; racial and ethnic groups; the handicapped; societal determinants; group behavior; the socialization process; social classes, deviation, conflict, roles, stratification, and participation; and social organizations and institutions.

2106310	UNITED STATES GOVERNMENT	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	U.S. Government

This course provides students the opportunity to examine their own political behaviors, analyze the dynamics of political issues and practice decision-making skills. Content will include the nature of political behavior, power acquisition, maintenance and extension; political theorists; comparative political systems; sources, structure and function of American Government; roles of political parties, interest groups and citizens; role of women and diverse cultural groups in the development of our political system. **Students are required to take the Florida Civic Literacy Exam (FCLE)**

2106320	UNITED STATES GOVERNMENT HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	U.S. Government

This course provides a comprehensive understanding of American government and political behavior. Content will include an evaluation of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the bill of Rights); the roles and changing nature of political parties and interest groups; the changing nature of citizen rights and responsibilities in a democratic state; and the importance of civic participation in the democratic political process. Honors courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g. Social Studies fair, participatory citizenship project, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects). **Students are required to take the Florida Civic Literacy Exam (FCLE)**

2106420	ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS	
	Offered:	Grade 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Honors or AP Social Studies Courses or Teacher Recommendation
	Type of Credit:	U.S. Government

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive reading and writing assignments. The purpose of this course is to give students a critical perspective on politics and government in the United States. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Specific content to be covered will include an understanding of federalism and the separation of powers, the development of the constitution, the process of politics, the nature of public opinion, the role of political parties and interest groups, the major formal and informal institutional arrangement of powers, and the development of civil liberties and civil rights. **Students will take the College Board Assessment for this course. Students are required to take the Florida Civic Literacy Exam (FCLE)**

2106430	ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Honors or AP Social Studies Courses or Teacher Recommendation
	Type of Credit:	Elective

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive readings and writing assignments. The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. **Students will take the College Board Assessment for this course.**

2100310	UNITED STATES HISTORY	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	U.S. History

The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from the Civil War and Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction. **Students are required to take the state EOC exam. The exam will be count as 30% of the overall final course grade.**

2100320	UNITED STATES HISTORY HONORS	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	U.S. History

The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from the Civil War and Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction. Honors courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g. Social Studies fair, projects for competitive evaluation, or other teacher-directed projects). **Students are required to take the state EOC exam. The exam will be count as 30% of the overall final course grade.**

2100330	ADVANCED PLACEMENT U.S. HISTORY	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Honors/or AP Social Studies Courses/Teacher Recommendation
	Type of Credit:	U.S. History

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive reading and writing assignments. This course provides the analytical skills and factual knowledge necessary to deal critically with the problems, content, and materials of American historic development. Higher order thinking skills such as evaluating, analyzing, and problem solving will be emphasized. Content will include the development of American culture and institutions as well as ideals and characteristics; enlightened thinking and the socioeconomic and political forces and compromises that formed the Constitution, the Bill of Rights, and the Declaration of Independence; changing interpretations of the Constitution, and individual rights; sectionalism as a change force; the relationship between technological change and societal reaction; the variety of changing American lifestyles; changes in American foreign policy; the capitalistic free enterprise economic system; and the future of our nation based on current trends. **Students will take the College Board Assessment for this course.**

2100315	UNITED STATES HISTORY CREDIT RECOVERY	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Failing of US History; Counselor Recommendation
	Type of Credit:	Elective (Can be used to forgive failed U.S. History course)

See course content information for US History (2100310).

Credit Recovery courses are credit bearing courses with specific content requirements defined by Next Generation Sunshine State Standards and/or Florida Standards. Students enrolled in a Credit Recovery course must have previously attempted the corresponding course (and/or End-of-Course assessment) since the course requirements for the Credit Recovery course are exactly the same as the previously attempted corresponding course. Credit Recovery courses should ONLY be used for credit recovery, grade forgiveness, or remediation for students needing to prepare for an End-of-Course assessment retake.

NOTE: This course does not meet NCAA requirements.

2103400	ADVANCED PLACEMENT HUMAN GEOGRAPHY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Adv. U.S. History/(M/J)/or Honors World History/ Teacher Recommendation
	Type of Credit:	Elective

This course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. **Students will take the College Board Assessment for this course.**

2104340	WOMEN'S STUDIES	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Elective

This course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the historical development of women in various cultures, the role of women in shaping history, and of contemporary issues that impact the lives of women.

2109310	WORLD HISTORY	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World History

This course provides an understanding of the development of civilization by examining the cultural, dynastic, economic, military, political, religious, scientific, and social events that have affected humanity. Content to be covered will include the rise of civilization and cultural universals, the development of religious thought, the evolution of political systems, nationalism, the origin of economic systems and philosophies, the influence of major historical figures and events, and contemporary world affairs.

2109320	WORLD HISTORY HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World History

This course provides a comprehensive understanding of the past in terms of the development of humanity. This is done by analyzing the cultural, dynastic, economic, military, political, religious, scientific, and social events that have shaped and molded humanity. Content will include geo-historic development; comparative views of history; the origin and development of contrasting civilizations, political theories and philosophies; an analysis of cultural universals; the diversity of economic thought and practices; the influence of major figures and events; and interpretations concerning the historical development of our contemporary world affairs. Honors courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform

at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in notetaking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g. Social Studies fair, projects for competitive evaluation, or other teacher-directed projects).

2109420	ADVANCED PLACEMENT WORLD HISTORY: MODERN	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Adv. U.S. History (M/J) or Honors World History/Teacher Recommendation (AP Human Geography recommended) World History

This course will provide students with an understanding of the major developments of civilizations in Africa, the Americas, Asia, and Europe. Six overarching themes will be followed: the patterns and impacts of interaction among societies, the relationship of change and continuity across the historical periods, the impact of technology and demography on people and the environment, systems of social structure among societies, cultural and intellectual developments, and changes in functions and structures of states and in attitudes toward states and political identities, including emergence of the nation-state. **Students will take the College Board Assessment for this course.**

STUDY HALL

2200300	STUDY HALL 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	None

THIS IS A NON-CREDIT COURSE. **NO FTE EARNED.** Its use is discouraged.

2200310	STUDY HALL 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	None

THIS IS A NON-CREDIT COURSE. **NO FTE EARNED.** Its use is discouraged.

2200320	STUDY HALL 3	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	None

THIS IS A NON-CREDIT COURSE. **NO FTE EARNED.** Its use is discouraged.

2200330	STUDY HALL 4	
	Offered:	Grade 9, 10, 11, 12
	Credit:	0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	None

THIS IS A NON-CREDIT COURSE. **NO FTE EARNED.** Its use is discouraged.

Special Note: These courses are to be used in conjunction with FLVS courses only. Those participating in these courses will also have an FLVS course on their schedule. The section number should have "FL" as the first two characters followed by a number/letter format used by the school for location identification purposes (ex. FL1C—FLVS course, first period, in the cafeteria).

TRAFFIC SAFETY/DRIVER EDUCATION

1900310	DRIVER EDUCATION/TRAFFIC SAFETY CLASSROOM AND LABORATORY	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	One semester
	Prerequisite:	None
	Type of Credit:	Elective

Content of the course will include a basic knowledge of driving skills, roadway and traffic tasks, and factors influencing driver performance and driver responsibilities. Students must be enrolled in a Volusia County public school, school of choice, private, or home-school program to register for this course. Students must be 15 years old and must have completed one full year of high school on or before the first day of the session. Students must have a Florida learner's permit before registering for this course. **Limited seating on a first come first serve registration process.**

WORLD LANGUAGES

**A student who has earned 4 language credits with a 3.0 unweighted average in a single language will receive the Florida Seal of Biliteracy at graduation. Without 4 credits, any student will earn the Florida Seal of Biliteracy with an A, B, C, D, or E on an AICE World Language Test, a 3, 4 or 5 on an AP World Language & Culture test or a 4, 5, 6 or 7 on an IB World Language test. (note: Not Literature Courses)*

0701320	FRENCH 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World Language

French 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

0701330	FRENCH 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	French 1
	Type of Credit:	World Language

French 2 reinforces the fundamental skills acquired by the students in French 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in French 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

0701340	FRENCH 3 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	French 2
	Type of Credit:	World Language

French 3 provides mastery and expansion of skills acquired by the students in French 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

0701350	FRENCH 4 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	French 3
	Type of Credit:	World Language

French 4 expands the skills acquired by the students in French 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

0701360	FRENCH 5 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	French 4
	Type of Credit:	World Language

French 5 expands the skills acquired by students in French 4. Specific content to be covered includes, but is not limited to, developing presentational speaking skills through oral reports on literary and cultural topics, current events, and personal experiences. Reading selections include newspaper and magazine articles, adaptations of short stories and plays, and surveys of target language literature. Interpretive writing is enhanced through compositions using correct language structures.

0701380	ADVANCED PLACEMENT FRENCH LANGUAGE	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	French 3 or higher/Teacher Recommendation
	Type of Credit:	World Language

The purpose of this course is to develop oral and written fluency in the language. The content will include requirements stated in the Advanced Placement program guidelines. **Students will take the College Board Assessment for this course.**

0702320	GERMAN 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World Language

German 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

0702330	GERMAN 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	German 1
	Type of Credit:	World Language

German 2 reinforces the fundamental skills acquired by the students in German 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in German 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

0702340	GERMAN 3 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	German 2
	Type of Credit:	World Language

German 3 provides mastery and expansion of skills acquired by the students in German 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

0702350	GERMAN 4 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	German 3
	Type of Credit:	World Language

German 4 expands the skills acquired by the students in German 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

0702380	ADVANCED PLACEMENT GERMAN LANGUAGE AND CULTURE	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	German 3 or higher/Teacher Recommendation
	Type of Credit:	World Language

The purpose of this course is to develop oral and written fluency in the language. The content will include requirements stated in the Advanced Placement Program guidelines. **Students will take the College Board Assessment for this course.**

0712300	JAPANESE 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World Language

Japanese 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

0712310	JAPANESE 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Japanese 1
	Type of Credit:	World Language

Japanese 2 reinforces the fundamental skills acquired by the students in Japanese 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Japanese 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

0712320	JAPANESE 3 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Japanese 2
	Type of Credit:	World Language

Japanese 3 provides mastery and expansion of skills acquired by the students in Japanese 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

0712330	JAPANESE 4 HONORS	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Japanese 3
	Type of Credit:	World Language

Japanese 4 expands the skills acquired by the students in Japanese 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

0707300	RUSSIAN 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World Language

Russian 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

0707310	RUSSIAN 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Russian 1/Teacher Recommendation
	Type of Credit:	World Language

Russian 2 reinforces the fundamental skills acquired by the students in Russian 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Russian 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

0707320	RUSSIAN 3 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Russian 2/Teacher Recommendation
	Type of Credit:	World Language

Russian 3 provides mastery and expansion of skills acquired by the students in Russian 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

0708340	SPANISH 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World Language

Spanish 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

0708350	SPANISH 2	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Spanish 1
	Type of Credit:	World Language

Spanish 2 reinforces the fundamental skills acquired by the students in Spanish 1. The course develops increased listening,

speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Spanish 2. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

0708360	SPANISH 3 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Spanish 2
	Type of Credit:	World Language

Spanish 3 provides mastery and expansion of skills acquired by the students in Spanish 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

0708370	SPANISH 4 HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Spanish 3
	Type of Credit:	World Language

Spanish 4 expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

0708400	ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Spanish 3 or higher/Teacher Recommendation
	Type of Credit:	World Language

The purpose of this course is to develop oral and written fluency in the language. The content will include the requirements of the Advanced Placement program guidelines. **Students will take the College Board Assessment for this course.**

0708410	ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AP Spanish Language/Teacher Recommendation
	Type of Credit:	World Language

The purpose of this course is to develop oral and written fluency in the language. The content will include the requirements of the Advanced Placement program. After successfully completing this course, the student will be able to understand a lecture in Spanish; participate actively, in Spanish, in a discussion of a literary topic; read modern Spanish and Hispanic-American literature in all genres; and analyze critically, orally and in writing, the form and content of literary works. **Students will take the College Board Assessment for this course.**

0709300	SPANISH FOR SPANISH-SPEAKERS 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year

	Prerequisite: Type of Credit:	Heritage speaker of Spanish World Language
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The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Language Arts Standards are also included in this course to enable students to become literate in the Spanish language and gain a better understanding of the nature of their own language as well as other languages to be acquired.

0709310	SPANISH FOR SPANISH-SPEAKERS 2	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Spanish Speak 1/Teacher Recommendation World Language

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and expanding skills in listening, speaking, reading, and writing, as well as Spanish grammar skills acquired in Spanish for Spanish Speakers 1. Students are exposed to a variety of Spanish literary genres and authors. Language Arts Standards are also included in this course to enable students to become literate in Spanish and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will continue reflecting the cultural values of Spanish language and societies.

0717300	AMERICAN SIGN LANGUAGE 1	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None World Language

American Sign Language 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

0717310	AMERICAN SIGN LANGUAGE 2	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year American Sign Language 1 World Language

American Sign Language 2 reinforces the fundamental skills acquired by the students in American Sign Language 1. The course develops increased receptive and expressive, skills as well as cultural awareness. Specific content to be covered is a continuation of skills acquired in American Sign Language 1 while communication remains the primary objective. The cultural survey of the target language is continued.

0717312	AMERICAN SIGN LANGUAGE 3 HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year American Sign Language 2 World Language

American Sign Language 3 provides mastery and expansion of skills acquired by the students in American Sign Language 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of

selected media. Contemporary vocabulary stresses activities which are important to the everyday life of people using the target language.

0717314	AMERICAN SIGN LANGUAGE 4 HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	American Sign Language 3
	Type of Credit:	World Language

American Sign Language 4 expands the skills acquired by the students in American Sign Language 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes. Media selections are varied and taken from authentic target language literary works.

0700980, 990, 1980, 1990, 2980, 2990, 3980, 3990	WORLD LANGUAGE TRANSFER CREDIT 1-4, 5-8	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	NONE
	Type of Credit:	World Language

For grades 9-12, in the area of world languages, eight transfer numbers are provided. The first number in world language (0700980) is to be used to report the first year of a language not listed in the CCD, such as Hungarian; the second world language number (0700990) is to be used to list a second year of the same language; the third world language number (0701980) to list the third year of the same language; and the fourth number (0701990), the fourth year of the same language. The additional four course numbers (0702980, 0702990, 0703980, 0703990) are provided for up to four credits in an additional world language.

World Language transfer credits will be applied for any student who demonstrates proficiency according to the Florida Seal of Biliteracy requirements, up to 4 credits per language to make a total of 4 credits in that language.

0791920	WORLD LANGUAGE WAIVER	
	Offered:	Grade 9, 10, 11, 12
	Credit:	NONE
	Length:	Year
	Prerequisite:	NONE
	Type of Credit:	World Language

World Language Waiver will be applied for any student who has demonstrated proficiency according to the Florida Seal of Biliteracy requirements but has not earned the Bright Futures requirement of 2 high school World Language credits. **THIS COURSE CARRIES NO CREDIT.**

ADDITIONAL COURSES

0500500	PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide students with an opportunity to experience success in school and enhance attitudes and behaviors towards learning, self, school, and community. The content should include, but not be limited to, the following: knowledge of self and others, development of positive attitudes, relationships, peer pressure, individual responsibility, goal setting, time management, decision making, problem solving, leadership skills, life management skills, employability skills, and career planning.

Special Note: This course is not to be used in conjunction with office aide duty.

0500510	PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide students with an opportunity to experience success in school and enhance attitudes and behaviors towards learning, self, school and community. The content should include, but not be limited to, the following: knowledge of self and others, development of positive attitudes, relationships, peer pressure, individual responsibility, goal setting, time management, decision making, problem solving, leadership skills, life management skills, employability skills, and career planning.

Special Note: This course is not to be used in conjunction with office aide duty.

0500520	PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 3	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide students with an opportunity to experience success in school and enhance attitudes and behaviors towards learning, self, school and community. The content should include, but not be limited to, the following: refining understandings in areas such as knowledge of self and others, development of positive attitudes, relationships, peer pressure, individual responsibility, goal setting, time management, decision making, problem solving, leadership skills, life management skills, employability skills, and career planning.

Special Note: This course is to be used in conjunction with office aide duty. Those participating in this course will earn a grade and credit for the course, and, as such, will have a curriculum with online modules to complete.

0500530	PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 4	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide students with an opportunity to experience success in school and enhance attitudes and behaviors towards learning, self, school and community. The content should include, but not be limited to, the following: refining understandings in areas such as knowledge of self and others, development of positive attitudes, relationships, peer pressure, individual responsibility, goal setting, time management, decision making, problem solving, leadership skills, life management skills, employability skills, and career planning.

Special Note: This course is to be used in conjunction with office aide duty. Those participating in this course will earn a grade and credit for the course, and, as such, will have a curriculum with online modules to complete.

Office Aide Course Codes: The course codes are to be used in numeric order and cannot be used multiple times. The section number should have "OA" as the first two characters followed by a number/letter format used by the school for location identification purposes (ex. OA1C—Office Aide, first period, in the cafeteria).

2400300	LEADERSHIP SKILLS DEVELOPMENT AND TECHNIQUES	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes. The content should include, but not be limited to, the following: study in self-understanding; development in such areas as goal setting, self-actualization, and assertiveness; and study of organizational theories and management.



Volusia Online Learning

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experience to all students, grades K-12. The dynamic combination of the FLVS platform and Volusia County teachers makes VOL a proven and effective option for students seeking a non-traditional learning experience.

In order to become a full-time VOL student, one must apply online at volusiaonlinelearning.com and meet the stated enrollment criteria. Full-time students are required to maintain good academic standing, take a minimum of 6 courses per semester, and participate in all required testing. The 2024-2025 Full-Time Application opened on January 3, 2024 and closes on July 15, 2024.

Part-time students attend a physical school, or are registered with the VCS Home Education office, and take online courses with VOL while on campus, off campus, or a combination of both.

	Course	Course #	Edgenuity	FLVS	Canvas
English	English 1- (regular and honors)	1001310/20		X	
	English 2- (regular and honors)	1001340/50		X	
	English 3- (regular and honors)	1001370/80		X	
	English 4- (regular and honors)	1001400/10		X	
	AP English Language and Composition	1001420		X	
	AP English Literature and Composition	1001430		X	
	Course	Course #	Edgenuity	FLVS	Canvas
Math	Algebra 1A	1200370		X	
	Algebra 1B	1200380		X	
	Algebra 1 (regular and honors)	1200310/20		X	
	Geometry (regular and honors)	1206310/20		X	
	Math for College Liberal Arts	1207350		X	
	Math for College Algebra	1200710		X	
	Algebra 2 (regular and honors)	1200330/40		X	
	Probability and Statistics w/ Applications Honors	1210300		X	
	Pre-Calculus	1202340		X	
	AP Calculus AB	1202310		X	
	AP Calculus BC	1202320		X	
	AP Statistics	1210320		X	
	Course	Course #	Edgenuity	FLVS	Canvas
Science	Biology (regular and honors)	2000310/20		X	
	Physical Science (regular and honors)	2003310/20		X	
	Earth/Space Science (regular and honors)	2001310/20		X	
	Chemistry (regular and honors)	2003340/50		X	
	Physics 1 (regular and honors)	2003380/90		X	
	Agriscience Foundations 1 Honors	8106810		X	
	Anatomy and Physiology Honors	2000360H		X	
	Environmental Science (regular and honors)	2001340/41		X	
	Forensic Science 1	2002480			X
	Marine Science 1 (regular and honors)	2002500/10		X	
	AP Biology	2000340		X	
	AP Environmental Science	2001380		X	
	Course	Course #	Edgenuity	FLVS	Canvas
Social	World History (regular and honors)	2109310/20		X	
	U.S. History (regular and honors)	2100310/20		X	
	Economics (regular and honors) (semester)	2102310/20		X	

	U.S. Government (regular and honors) (semester)	2106310/20		X	
	AP US History	2100330		X	
	AP Economics: Microeconomics Not offered 2022-2023	2102360		X	
	AP U.S. Government and Politics (semester)	2106420		X	
	Course	Course #	Edgenuity	FLVS	Canvas
World Languages	American Sign Language 1	0717300			X
	American Sign Language 2	0717310			X
	American Sign Language 3 Honors	0717312			X
	American Sign Language 4 Honors	0717314			X
	French 1	0701320		X	
	French 2	0701330		X	
	French 3 Honors (Available Jan 2023)	0701340		X	
	German 1	0702320	X		
	German 2	0702330	X		
	Spanish 1	0708340		X	
	Spanish 2	0708350		X	
	Spanish 3 Honors	0708360		X	
	Spanish 4 Honors	0708370		X	
	Course	Course #	Edgenuity	FLVS	Canvas
P.E.	Personal Fitness (semester)	1501300			X
	Fitness Lifestyle Design (semester)	1501310			X
	Outdoor Education (semester)	1502480		X	
	Course	Course #	Edgenuity	FLVS	Canvas
Electives	Two-Dimensional Studio Art	0101300			X
	African American History	2100340			X
	Artificial Intelligence in the World (Semester)	9401010		X	
	AP Human Geography	2103400		X	
	AP Psychology	2107350		X	
	Career Research and Decision Making (semester)	1700380		X	
	Computer Networking Fundamentals HONORS	9003480H			X
	Creative Writing 1 (semester)	1009320			X
	Creative Writing 2 (semester)	1009330			X
	Digital Art Imaging 1	0108370		X	
	Digital Information Technology	8207310			X
	Diversified Career Tech Principles	8303010			X
	Diversified Career Tech Applications	8303020			X
	Diversified Career Tech Management	8303030			X
	Driver Education -permit only (semester)	1900300		X	
	Foundations of Programming	9007210		X	
	Intensive Reading 1 -for 9 th graders (Achieve 3000)	1000412			
	Intensive Reading 2 -for 10 th graders (Achieve 3000)	1000414			
	Intensive Reading 3 -for 11 th graders (Achieve 3000)	1000416			
	Intensive Reading 4 -for 12 th graders (Achieve 3000)	1000418			
	Introduction to Hospitality & Tourism	8850110		X	
	IT Systems & Applications Honors	9003430H			X
	Multimedia Technology Honors	9003470H			X
	On the Job Training (OJT)	8300420			X
	Peer Counseling 1 (semester)	1400300		X	
	Peer Counseling 2 (semester)	1400310		X	
	Personal Financial Literacy (reg. & honors) (semester)	2102372/74		X	
	Principles of Entrepreneurship	8812120			X
	Procedural Programming	9007220		X	
	Psychology 1 (semester)	2107300		X	
	Psychology 2 (semester)	2107310			X

	Journalism 1	1006300		X	
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	Social Media (semester)	1006375		X	
	Speech 1 (semester)	1007300			X
	Speech 2 (semester)	1007310			X
	Theatre, Cinema, and Film Production	0400660			X
	Web Technologies	9003420			X
	AP Computer Science Principles	0200335			X

EXCEPTIONAL STUDENT EDUCATION

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MULTI-VE AND VE MODIFIED (ACCESS PROGRAMS)

ACADEMIC

Access courses are intended only for students with a significant cognitive disability. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities and are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. Access points in the subject areas of science, social studies, art, dance, physical education, theatre, and health provide tiered access to the general curriculum through three levels of access points (Participatory, Supported, and Independent). Access points in English language arts and mathematics do not contain these tiers, but contain Essential Understandings (or EUs). EUs consist of skills at varying levels of complexity and are a resource when planning for instruction

7910120	ACCESS ENGLISH 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	up to 2 years
	Prerequisite:	None
	Type of Credit:	English/Language Arts

The purpose of these courses is to provide access to the general education English 1 curriculum, through Florida Standards Access Points and Essential Understandings, in using texts of high complexity, and integrated language arts study in reading, writing, speaking, listening, and language.

7910125	ACCESS ENGLISH 2	
	Offered:	Grade 10
	Credit:	1.0
	Length:	up to 2 years
	Prerequisite:	None
	Type of Credit:	English/Language Arts

The purpose of these courses is to provide access to the general education English 2 curriculum, through Florida Standards Access Points and Essential Understandings, in using texts of high complexity, and integrated language arts study in reading, writing, speaking, listening, and language.

7910130	ACCESS ENGLISH 3	
	Offered:	Grade 11
	Credit:	1.0
	Length:	up to 2 years
	Prerequisite:	None
	Type of Credit:	English/Language Arts

The purpose of these courses is to provide access to the general education English 3 curriculum, through Florida Standards Access Points and Essential Understandings, in using texts of high complexity, and integrated language arts study in reading, writing, speaking, listening, and language.

7910135	ACCESS ENGLISH 4	
	Offered:	Grade 12
	Credit:	1.0
	Length:	up to 2 years
	Prerequisite:	None
	Type of Credit:	English/Language Arts

The purpose of these courses is to provide access to the general education English 4 curriculum, through Florida Standards Access Points and Essential Understandings, in using texts of high complexity, and integrated language arts study in reading, writing, speaking, listening, and language.

7912075	ACCESS ALGEBRA 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	up to 2 years, one credit each year
	Prerequisite:	None
	Type of Credit:	Math

The purpose of Access Algebra 1 course is to provide access to the general education algebra curriculum, through Florida Standards Access Points and Essential Understandings, in the areas of algebraic concepts and processes that can be used to analyze and solve a variety of routine and non-routine real-world and mathematical problems. The content should include, but not be limited to, the following: content-related vocabulary, operations using real numbers in real-world problems, patterns, relations, and functions, including tables, sequences, and graphs, graphs to summarize data and predict outcomes, variables and their impact on outcomes, varied solution strategies to solve real-world problems.

7912065	ACCESS GEOMETRY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	up to 2 years, one credit each year
	Prerequisite:	None
	Type of Credit:	Math

The purpose of the Access Geometry and Access Informal Geometry courses is to provide access to the general education geometry curriculum, through Florida Standards Access Points and Essential Understandings, in the areas of geometric situations and geometric relationships, moving towards formal mathematical arguments. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

7920015	ACCESS BIOLOGY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	up to 2 years
	Prerequisite:	None
	Type of Credit:	Science

The purpose of this course is to provide tiered access to the general education Biology 1 curriculum through three levels of Florida Standards Access Points (participatory, supported, and independent). The content of this course should include, but not be limited to: biological processes, cell structure and function, health-related issues and concerns, physiological processes, characteristics and classifications of plants and animals, plant and animal development, adaptation, and inter-relationships, plant, animal, and environment inter-relationships, renewable and non-renewable resources, scientific investigation.

7920022	ACCESS PHYSICAL SCIENCE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1
	Length:	up to 2 years
	Prerequisite:	None
	Type of Credit:	Science

The purpose of this course is to provide tiered access to the general education physical science curriculum through three levels of Florida Standards Access Points (participatory, supported, and independent). The content should include, but not be limited to: earth systems and patterns, matter and energy transformations, the practice of science, the characteristics of scientific knowledge, the role of theories, laws, hypotheses, and models, science and society, matter, energy, and motion.

7920020	ACCESS EARTH/SPACE SCIENCE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	up to 2 years
	Prerequisite:	None
	Type of Credit:	Science

The purpose of this course is to provide tiered access to the general education Earth/Space Science curriculum through three levels of Florida Standards Access Points (participatory, supported, and independent). The content should include, but not be limited to: earth and space in time, earth structures earth systems and patterns, diversity and evolution of living organisms, practice of science, characteristics of scientific knowledge, science and society, energy, motion, and the role of theories, laws, hypotheses, and models.

7921022	ACCESS ECONOMICS WITH FINANCIAL LITERACY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.5
	Length:	1 Semester
	Prerequisite:	None
	Type of Credit:	Social Studies

The purpose of this course is to provide tiered access to the general education economics and financial literacy curriculum through three levels of Florida Standards Access Points (participatory, supported, and independent), in the areas of economics and financial literacy. Areas of study include currency, banking, monetary policy, financial planning, money management, credit and investment, production of goods and services, supply and demand, and taxation.

7921015	ACCESS UNITED STATES GOVERNMENT	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Social Studies

The purpose of this course is to provide tiered access to the general education US Government curriculum through three levels of Florida Standards Access Points (participatory, supported, and independent). The content is intended to develop or expand the student's understanding of: origins and purposes of government, law, and the American political system; roles, rights, and responsibilities of United States citizens; principles, functions, and organization of government; United States foreign policy; characteristics, distribution, and migration of human populations; human actions that can impact the environment.

7921025	ACCESS US HISTORY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Social Studies

The purpose of this course is to provide tiered access to the general education United States History course, through three levels of Florida Standards Access Points (participatory, supported, and independent), which consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history.

7921027	ACCESS WORLD HISTORY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Social Studies

The purpose of this course is to provide tiered access to the general education World History course, through three levels of Florida Standards Access Points (participatory, supported, and independent), which consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century.

7915015	ACCESS HEALTH OPPORTUNITIES THROUGH PHYSICAL EDUCATION (H.O.P.E.)	
	Offered:	Grade 9, 10, 11, 12
	Credit:	up to 2
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Physical Education

Developing physical skills and team sensibilities through physical education promotes active participation in home, school, and community learning and social activities, which, in turn, promotes participation in life. The content is intended to develop or expand the student's understanding of: Physical Activity; Components of Physical Fitness; Nutrition and Wellness Planning; Diseases and Disorders; Health Advocacy; First Aid/CPR; Alcohol, Tobacco, and Drug Prevention; Human Sexuality, including Abstinence and HIV; Cognitive Abilities; Lifetime Fitness; Movement; Responsible Behaviors and Values.

7967010	ACCESS VISUAL AND PERFORMING ARTS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

This course is designed for students who are working toward Florida Standards Access Points. Content includes physical movement and dance, music, theater, and visual arts.

Selected standards from this course may be used for students eligible for access points instruction who are receiving instruction alongside typical peers in a general education visual /performing arts course.

SPECIAL SKILLS COURSES

7963010	PREPARATION FOR ADULT LIVING	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to acquire the knowledge and skills needed to prepare for post-school adult living. The content should include, but not be limited to, the following: personal planning, personal care, living arrangements, household maintenance, interpersonal relationships, community involvement and participation, use of leisure time and communication. This entire course may not be mastered in one year.

7963070	UNIQUE SKILLS: SOCIAL AND EMOTIONAL 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None

	Type of Credit:	Elective
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The purpose of this course is to provide instruction related to environmental, interpersonal, and task- related behavior of

students with disabilities. The content should include, but not be limited to, the following: appropriate classroom behavior, social and personal development, communication skills, behavioral control, conflict resolution, responsibility, interpersonal and intrapersonal problem solving, and appropriate use of leisure time. This entire course may not be mastered in one year.

7963160	UNIQUE SKILLS: INDEPENDENT FUNCTIONING 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to achieve independence in daily living activities in educational, home, community, and employment settings to achieve annual goals based on assessed needs and the student's individual educational plan (IEP).

7963150	UNIQUE SKILLS: COMMUNICATION 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to develop and use expressive and receptive communication skills and strategies effectively in educational, home, community, and employment settings to achieve annual goals based on assessed needs and the student's individual educational plan (IEP).

7963140	SELF-DETERMINATION	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to develop and apply self-determination skills in school, home, community, and work settings. These skills will assist students with achieving their desired school and post-school outcomes, participating actively and effectively in planning meetings and self-advocating in multiple settings.

VOCATIONAL EDUCATION FOR STUDENTS WITH DISABILITIES

7980110	CAREER PREPARATION: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to acquire the career knowledge and skills necessary to identify career options, access community resources, and develop work-related behaviors. The course will provide a foundation for further progress toward achieving the student's desired post-school outcomes related to a career. The content should include, but not be limited to, the following: self-appraisal, decision making, self-determination and self-advocacy, career options, community resources related to career decisions, workplace competencies, and rights and responsibilities of employees. This entire course may not be mastered in one year.

7980120	CAREER EXPERIENCES: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to further develop the career knowledge and skills necessary to identify career options, access community resources, and practice work-related behaviors. The course will provide guided practice and experiences in school and community work situations aimed at further progress toward achieving the student's desired post- school outcomes related to a career. The content should include, but not be limited to, the following: self-appraisal, decision making, self-determination and self-advocacy, career options, community resources related to career decisions, workplace competencies, and rights and responsibilities of employees. This entire course may not be mastered in one year.

7980150	SUPPORTED COMPETITIVE EMPLOYMENT	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with moderate and severe disabilities who are functioning at supported levels to acquire skills necessary for successful individual supported competitive employment. Supported employment refers to competitive work in an integrated work setting with ongoing support services for individuals with moderate and severe handicaps for whom competitive employment has not traditionally occurred. Features of supported employment include intensive onsite training, fade-off, ongoing monitoring, and onsite advocacy. Students will receive one-to-one intensive training by a job coach or employment specialist. The students will be paid at or above minimum wage. A weekly work hour goal is to be established for each individual that would maximize employment potential at the time of transition. The weekly work hour goal will be identified in the student's Transition Individual Educational Plan. Students will receive ongoing support with at least one hour of follow-along services per week at the job site after stabilization has been attained. Stabilization refers to the point at which onsite training and support services in an individual employment situation has been 20% or less of normal work hours for at least 60 calendar days. The content of the course is expected to be provided as part of employment activities, not as pre-employment. The content should include, but not be limited to, the following: positive work attitudes and habits, appropriate hygiene and grooming skills, related safety procedures, appropriate decision-making skills, specific job-related skills, and self- reliance and initiative. This entire course may not be mastered in one year.

ABCD SCHEDULE: STANDARD DIPLOMA VIA ACCESS COURSES

Schedule A 2023-2024	Schedule B 2024-2025	Schedule C 2025-2026	Schedule D 2026-2027
Access Geometry 7912065	Access Algebra 1 7912075	Access Geometry 7912065	Access Algebra 1 7912075
Access Physical Science 7920022	Access Biology 7920015	Unique Skills or elective course, as needed	Access Earth/Space Science 7920020
Access World History 7921027	Access US History 7921025	(½) Access Economics 7921020	Access HOPE (Health Opp. Through Phys. Ed.) 7915015
		(½) Access US Government 7921015	
		Self Determination 7963140	
Self Determination 7963140	Self Determination 7963140	(½) Financial Literacy 7919*** (TBD)	Self Determination 7963140
Access English 1 – 7910120 (9) Access English 2 – 7910125 (10)		Access English 3 – 7910130 (11) Access English 4 – 7910135 (12)	
<p>One of the following:</p> <p>Career Preparation - 7980110</p> <p>Career Experience – 7980120</p> <p>Supported Competitive Employment – 7980150</p>			
<p>One or more of the following:</p> <p>Unique Skills: Independent Functioning 9-12 – 7963160</p> <p>Unique Skills: Social & Emotional 9-12 – 7963070</p> <p>Unique Skills: Communication 9-12 – 7963150</p> <p>Fine/Performing Arts course (Access or general education course)</p> <p>General Ed Elective(s)</p>			

TRANSITION Schedule (for students who have met diploma requirements and are deferring receipt of the diploma)
Preparation for Adult Living (3-4 periods) - 7963010
Career Experience - 7980120 or Supported Competitive Employment (3-4 periods) - 7980150

SEPARATE CLASS – MILD VE , ASD, and SC-EBD ACADEMIC

Students with disabilities who are not eligible for alternate assessment, must enroll in general education courses.

Instructional Strategies

1. Utilize UDL strategies when planning lessons for all students.
2. Ensure that students have accessible instructional materials.
3. Ensure that students read from text that varies in length and complexity.
4. Provide graphic organizers and instruct students on how to use them properly to support understanding of concepts.
5. Use rubrics for assignments that clearly outline expectations for students.
6. Make close reading and rereading of texts central to lessons and provide guided practice and immediate feedback in how to do this.
7. Provide multiple opportunities to practice new vocabulary.
8. Provide explicit instruction in how students can locate evidence from text to support their answers.
9. Provide extensive research and writing opportunities (claims and evidence) based on student interest.
10. Provide students with outlines that assist them in note taking during teacher-led instruction.
11. Teach students to utilize appropriate graphic organizers or organize thoughts when planning for writing assignments.

ALL PROGRAMS SPECIAL SKILLS COURSES

7963010	PREPARATION FOR ADULT LIVING	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to acquire the knowledge and skills needed to prepare for post-school adult living. The content should include, but not be limited to, the following: personal planning, personal care, living arrangements, household maintenance, interpersonal relationships, community involvement and participation, use of leisure time and communication. This entire course may not be mastered in one year.

7963170	UNIQUE SKILLS: CURRICULUM AND LEARNING 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to acquire and apply skills and strategies to access the general curriculum and achieve annual goals based on assessed needs and the student's individual educational plan (IEP). This course is designed for students with disabilities who need intensive individualized intervention in curriculum and learning skills and strategies. A student may repeat this course. The particular course requirements that the student should master each year must be specified on an individual basis and relate to achievement of annual goals on the student's IEP.

7963070	UNIQUE SKILLS: SOCIAL AND EMOTIONAL 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide instruction related to environmental, interpersonal, and task- related behavior of

students with disabilities. The content should include, but not be limited to, the following: appropriate classroom behavior,

social and personal development, communication skills, behavioral control, conflict resolution, responsibility, interpersonal and intrapersonal problem solving, and appropriate use of leisure time. This entire course may not be mastered in one year.

7963160	UNIQUE SKILLS: INDEPENDENT FUNCTIONING 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to achieve independence in daily living activities in educational, home, community, and employment settings to achieve annual goals based on assessed needs and the student's individual educational plan (IEP).

7963150	UNIQUE SKILLS: COMMUNICATION 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to develop and use expressive and receptive communication skills and strategies effectively in educational, home, community, and employment settings to achieve annual goals based on assessed needs and the student's individual educational plan (IEP).

7960010	TRANSITION PLANNING: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to develop knowledge and skills for transition planning and accessing services needed to engage in postsecondary education/training, employment, and independent living.

7963080	LEARNING STRATEGIES: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide instruction that enables students with disabilities to acquire and use strategies and skills to enhance their independence as learners in educational and community settings. The content should include, but not be limited to, the following: strategies for acquiring and storing knowledge; strategies for oral and written expression; strategies for problem solving; strategies for linking new information with prior knowledge; strategies for active participation in reading, viewing, and listening; self-regulated use of comprehension strategies; test taking strategies; time management and organizational skills; social skills; and self-advocacy and planning skills. This entire course may not be mastered in one year.

7963140	SELF-DETERMINATION	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to develop and apply self-determination skills in school, home, community, and work settings. These skills will assist students with achieving their desired school and post-school outcomes, participating actively and effectively in planning meetings and self-advocating in multiple settings.

ALL PROGRAMS SPECIAL SKILLS COURSES

7963040	EXPANDED SKILLS: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enhance the acquisition, comprehension, and use of language for students who are deaf or hard of hearing. The content should include, but not be limited to, the following: communication, hearing aids and assistive devices, community resources and services, hearing loss, deaf culture and heritage, and interpreters and note takers. This entire course may not be mastered in one year. **The particular course requirements that the student must master each year must be specified on an individual basis through the Individual Educational Plan Process.**

7963050	EXPANDED CORE COMPETENCIES: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies None
	Prerequisite:	Elective
	Type of Credit:	

The purpose of this course is to provide instruction for students who have visual impairments which affect their ability to function in the home, community, or educational setting. The content should include, but not be limited to, the following: maximum use of sensory input; access to print information through use of strategies and modifications for completion of general education requirements; personal communication systems; personal management; social and interpersonal relationships; and productivity and career options. This entire course may not be mastered in one year. **The particular course requirements that the student must master each year must be specified on an individual basis through the Individual Educational Plan Process.**

7963060	ORIENTATION AND MOBILITY SKILLS: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide instruction in skills involving orientation and mobility. Orientation is the collection and organization of information concerning the environment and one's relationship to it. Mobility is the ability to move efficiently within the environment. The content should include, but not be limited to, the following: developing safe, efficient and independent travel skills in one's neighborhood, community, and school environment; using major forms of public transportation; traveling to specified destinations in an unfamiliar environment; and locating and reading survival symbols in order to access public places. This entire course may not be mastered in one year. **The particular course requirements that the student must master each year must be specified on an individual basis through the Individual Educational Plan Process.**

THERAPY COURSES

7966010	PHYSICAL THERAPY: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide instruction to students with disabilities who have physically disabling conditions, including sensorimotor or neuromuscular deficits that substantially limit one or more major life activities and require

adaptation of the school environment or curriculum in order to benefit from an educational program. The content should

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include, but not be limited to, the following: maintain, restore, or enhance motor and sensory skills; use adaptive equipment and assistive devices; and promote independence in mobility and management of health-related functions. This entire course may not be mastered in one year.

7966020	OCCUPATIONAL THERAPY: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

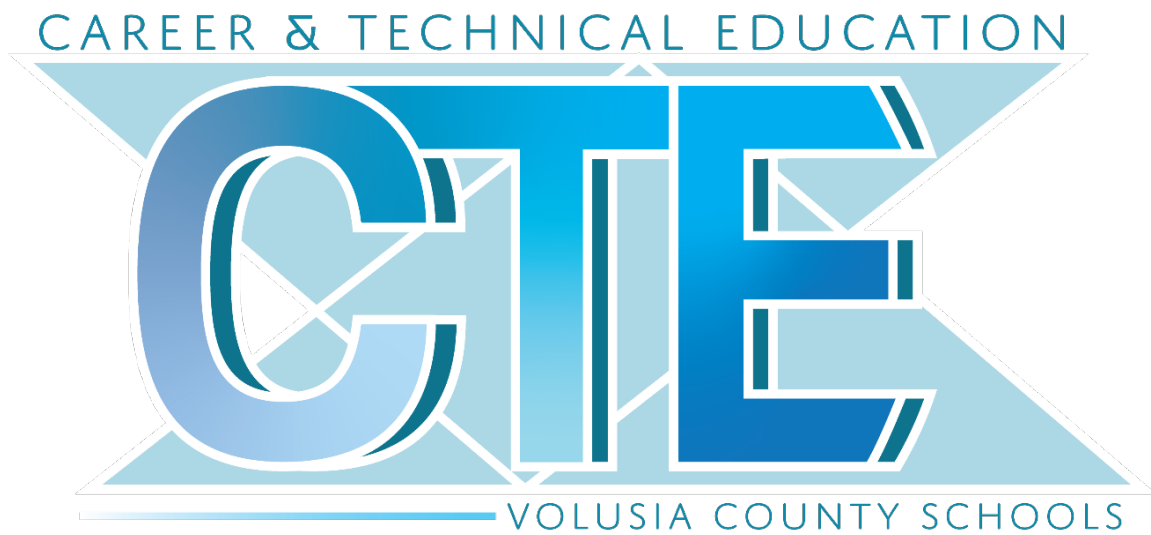
The purpose of this course is to provide instruction to students with disabilities whose physical, motor, or neurological deficits result in significant dysfunction in daily living or academic learning skills to the extent that they require adaptation of the school environment or curriculum to benefit from an educational program. The content should include, but not be limited to, the following: maintain, restore, or enhance motor and sensory skills; use adaptive equipment and assistive devices; and promote independence in activities of daily living. This entire course may not be mastered in one year.

7966030	SPEECH THERAPY: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide students exhibiting communication disorders that negatively impact their ability to benefit from the educational process appropriate instruction in the communication skills necessary for academic learning, social interaction, and vocational success. The content should include, but not be limited to, the following: articulation therapy, fluency therapy, and voice therapy. This entire course may not be mastered in one year.

7966040	LANGUAGE THERAPY: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide students exhibiting language disorders that negatively impact their ability to benefit from the educational process appropriate instruction in language skills, both oral and written, necessary for academic learning, social interaction, and vocational success. The content should include, but not be limited to, the following: form, including phonology, syntax, and morphology; content, including semantics; and function, including pragmatics. This entire course may not be mastered in one year.



HIGH SCHOOL

Programs of Study

2024 - 2025

HIGH SCHOOL PROGRAM AREAS

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AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER

PROGRAM NUMBER	AGRICULTURAL COMMUNICATIONS		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8117000 🌀	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriscience Foundations 1 HONORS		
	8117010	Agricultural Communications 2	CT	
	8117010H	Agricultural Communications 2 HONORS		
	8117020	Agricultural Communications 3	CT	Agricultural Communications
	8117020H	Agricultural Communications 3 HONORS		
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8106810	AGRISCIENCE FOUNDATIONS 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.			

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8117010	AGRICULTURAL COMMUNICATIONS 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	CT	
This course is designed to develop competencies in the communications sector of the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts and ethical and professional issues in the industry.			

8117020H	AGRICULTURAL COMMUNICATIONS 2 HONORS	Career Prep
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Agriscience Foundations 1 CT
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This honors course offers extensive experience in Communications. In addition to fulfilling all requirements of Agricultural Communications 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8117020	AGRICULTURAL COMMUNICATIONS 3	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Agricultural Communications 2 CT

This course is designed to further develop competencies in the communications sector the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts, ethical and professional issues in the industry, and marketing.

8117020H	AGRICULTURAL COMMUNICATIONS 3 HONORS	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Agricultural Communications 2 CT

This honors course offers extensive experience in Communications. In addition to fulfilling all requirements of Agricultural Communications 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

PROGRAM NUMBER	AGRICULTURE BIOTECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8003100 ☼	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriscience Foundations 1 HONORS		
	8106850	Agricultural Biotechnology 2	CT	
	8106850H	Agricultural Biotechnology 2 HONORS		
	8106860	Agricultural Biotechnology 3	EQ	Agricultural Biotechnician
	8106860H	Agricultural Biotechnology 3 HONORS		

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

8106810	AGRISCIENCE FOUNDATIONS 1	Career Prep
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Noe EQ
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This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None EQ

This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8106850	AGRICULTURAL BIOTECHNOLOGY 2	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Agriscience Foundations 1 CT

This course was developed as a core and is designed to develop competencies in the areas of agricultural biotechnology in agriculture, scientific investigation, laboratory safety, scientific and technological concepts; and the fundamentals of biotechnology.

8106850H	AGRICULTURAL BIOTECHNOLOGY 2 HONORS	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Agriscience Foundations 1 CT

This honors course offers extensive experience in Biotechnology. In addition to fulfilling all requirements of Agricultural Biotechnology 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8106860	AGRICULTURAL BIOTECHNOLOGY 3	Career Prep
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Agricultural Biotechnology 2 EQ
This course is designed to enhance competencies in the areas of current agricultural biotechnology applications, genetic principles, tissue/cell culture, and the potential for biotechnology in the area of agriculture.		
8106860H	AGRICULTURAL BIOTECHNOLOGY 3 HONORS	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Agriscience Foundations 1 CT
This honors course offers extensive experience in Biotechnology. In addition to fulfilling all requirements of Agricultural Biotechnology 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

PROGRAM NUMBER	AGRITECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8106800 ✱	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriscience Foundations 1 HONORS		
	8106820	Agritechnology 1	CT	AEST Animal Science
	8106830	Agritechnology 2	CT	Agri. Technology Specialist AEST Animal Science
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8106810	AGRISCIENCE FOUNDATIONS 1	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None EQ
This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.		

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS	Career Prep
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None EQ
This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8106820	AGRITECHNOLOGY 1	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Agriscience Foundations 1 CT
This course is designed to develop competencies in the areas of Agriscience industry careers; prevention and treatment of livestock diseases; livestock anatomy; wholesale cuts of meat; animal reproduction and identification; animal safety; animal-health certification; plant growth; plant fertilization; safe use of pesticides; maintenance of tools and equipment; record keeping; and employability skills.		

8106830	AGRITECHNOLOGY 2	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Agritechnology 1 CT
This course is designed to develop competencies in the areas of job and training requirements; professional organizations; crop identification; planting crops; fertilizer calculations and application; irrigation; pest control; harvesting, packing, and grading crops, safe equipment operation; and finance.		

PROGRAM NUMBER	ANIMAL SCIENCE AND SERVICES		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8106200 🌀	8106810 8106810H	Agriscience Foundations 1 Agriscience Foundations 1 HONORS	EQ	Ag. Associate
	8106210	Animal Science and Services 2	CT	AEST Animal Science
	8106220	Animal Science and Services 3	CT	Elanco Animal Science
	8106230	Animal Science and Services 4	CT	AEST Animal Science
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8106810	AGRISCIENCE FOUNDATIONS 1	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None EQ

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8106210	ANIMAL SCIENCE AND SERVICES 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	CT	
This course is designed to develop competencies in the areas of safety; animal behavior; animal welfare; animal control; and employability skills.			

8106220	ANIMAL SCIENCE AND SERVICES 3		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Animal Science and Services 2	
	Type of Credit:	CT	
This course is designed to develop competencies in the areas of animal digestive systems; animal breeding; preventive medicine and disease control; control of parasites; animal marketing; and analyzing records.			

8106230	ANIMAL SCIENCE AND SERVICES 4		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Animal Science and Services 3	
	Type of Credit:	CT	
This course is designed to develop competencies in the areas of animal digestive systems; animal breeding; preventive medicine and disease control; control of parasites; animal marketing; and analyzing records.			

PROGRAM NUMBER	AQUACULTURE		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8004100 ✱	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriscience Foundations 1 HONORS		
	8112010	Aquaculture 2	EQ	
	8112010H	Aquaculture 2 HONORS		
	8112020	Aquaculture 3	EQ	Aquaculture

	8112020H	Aquaculture 3 HONORS		Technician
	8112030 8112030H	Aquaculture 4 Aquaculture 4 HONORS	CT	Ducks Unlimited Ecology

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

8106810	AGRISCIENCE FOUNDATIONS 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	

This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8112010	AQUACULTURE 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	EQ	

This course is designed to develop competencies in the areas of nature and origin, career opportunities, biological principles, safety, water quality, seed production, market outlets, rules and regulations, technological advances, problem solving and leadership employability communication and human relations skills.

8112010H	AQUACULTURE 2 HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	EQ	

This honors course offers extensive experience in Aquaculture. In addition to fulfilling all requirement of Aquaculture 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8112020	AQUACULTURE 3		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Aquaculture 2	
	Type of Credit:	EQ	
This course is designed to develop competencies in the area of management and use of water, the propagation and rearing of seed, producing aquaculture or mariculture species, control of diseases, pests and water quality problems, harvesting and processing, marketing and transportation, management skills and leadership, employability, communication and human relation skills.			

8112020H	AQUACULTURE 3 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	EQ	
This honors course offers extensive experience in Aquaculture. In addition to fulfilling all requirement of Aquaculture 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8112030	AQUACULTURE 4		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Aquaculture 2	
	Type of Credit:	CT	
This course is designed to develop competencies in the area of management and use of water, the propagation and rearing of seed, producing aquaculture species, control of diseases, pests and water quality problems, harvesting and processing, marketing and transportation, management skills and leadership, employability, communication and human relation skills.			

8112030H	AQUACULTURE 4 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	CT	
This honors course offers extensive experience in Aquaculture. In addition to fulfilling all requirement of Aquaculture 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM	NATURAL RESOURCES	TYPE OF	INDUSTRY
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NUMBER	Course Number	Course Name	CREDIT*	CERTIFICATION
8006200 ✳	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriscience Foundations 1 HONORS		
	8006220	Introduction to Natural Resources 2	CT	
	8006220H	Introduction to Natural Resources 2 HONORS		
	8006230	Natural Resource Technology 3	CT	Natural Resources
	8006230H	Natural Resource Technology 3 HONORS		
	8006240	Natural Resource Management 4	CT	
	8006240H	Natural Resource Management 4 HONORS		

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

8106810	AGRISCIENCE FOUNDATIONS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	

This course is designed to develop competencies in the area of management and use of water, the propagation and rearing of seed, producing aquaculture or mariculture species, control of diseases, pests and water quality problems, harvesting and processing, marketing and transportation, management skills and leadership, employability, communication and human relation skills.

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	

This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8006220	INTRODUCTION TO NATURAL RESOURCES 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	CT	

This course was developed as a core and is designed to develop competencies in the areas of Environmental Resources in agriculture, scientific investigation, laboratory safety, scientific and technological concepts; and the fundamentals of biotechnology.

8006220H	INTRODUCTION TO NATURAL RESOURCES 2 HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	CT	

This honors course offers extensive experience in Natural Resources. In addition to fulfilling all requirement of Introduction to Natural Resources 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8006230	NATURAL RESOURCE TECHNOLOGY 3		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Introduction to Natural Resources 2	
	Type of Credit:	CT	
This course is designed to develop competencies in the areas of water treatment, storm water systems, Geographic Informational and Global Positioning Systems, environmental standards and regulations, career opportunities; scientific and research concepts; principles of leadership; and employability, and human relations skills. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.			

8006230H	NATURAL RESOURCE TECHNOLOGY 3 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Introduction to Natural Resources 2	
	Type of Credit:	CT	
This honors course offers extensive experience in Natural Resources. In addition to fulfilling all requirement of Introduction to Natural Resource Technology 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8006240	NATURAL RESOURCE MANAGEMENT 4		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Natural Resource Technology 3	
	Type of Credit:	CT	
This course is designed to develop competencies in the areas of land management, weather systems, wildlife programs, commodity and non-commodity resources, sustainable agriculture and environmental research.			

8006240H	NATURAL RESOURCE MANAGEMENT 4 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Natural Resource Technology 3	
	Type of Credit:	CT	
This honors course offers extensive experience in Natural Resources. In addition to fulfilling all requirement of Introduction to Natural Resource Management 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM NUMBER	FOOD SCIENCE APPLICATIONS		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8129200 ☼	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriscience Foundations 1 HONORS		
	8129210	Food Science Applications 2	CT	ServSafe, National Registry
	8129210H	Food Science Applications 2 HONORS		
	8129220	Food Science Applications 3	CT	AMSA Food Safety
	8129220H	Food Science Applications 3 HONORS		
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8106810	AGRISCIENCE FOUNDATIONS 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year None	
	Prerequisite: Type of Credit:	EQ	
This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.			

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8129210	FOOD SCIENCE APPLICATIONS 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	CT	
This course is designed to develop competencies in the concepts related to: the use of taste and other sensory tests in developing foods; the application of scientific principles in food processing; food marketing; nutritional and economic value of plant-based food products; safe and efficient distribution and handling of food products; environmental factors in food production and processing; the global and historical impact of food on people; and employability skills necessary in the food industry.			

8129210H	FOOD SCIENCE APPLICATIONS 2 HONORS		Career Prep	
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	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Agriscience Foundations 1
	Type of Credit:	CT
This honors course offers extensive experience in Food Science. In addition to fulfilling all requirement of Food Science Applications 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8129220	FOOD SCIENCE APPLICATIONS 3	Career Prep
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Food Applications 2
	Type of Credit:	CT
This course is designed to develop competencies in the food industry. The course addresses concepts related to: developing new food products; scientific experimentation with the chemical and biological components of foods; the impact of microbes in food production; the nutritional and economic value of animal-based food products; food spoilage and waste management; safety and security risks in the food supply; the international trade of foods; and employability skills necessary in the food industry.		

8129220H	FOOD SCIENCE APPLICATIONS 3 HONORS	Career Prep
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Food Applications 2
	Type of Credit:	VO
This honors course offers extensive experience in Food Science. In addition to fulfilling all requirements of Food Science Applications 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

PROGRAM NUMBER	HORTICULTURE SCIENCE AND SERVICES		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8121600 ✪	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriculture Foundations 1 HONORS		
	8121510	Introductory Horticulture 2	CT	Certified Hort. Professional
	8121510H	Introductory Horticulture 2 HONORS		
	8121520	Horticultural Science 3	CT	
	8121520H	Horticultural Science 3 HONORS		
8121610	Horticulture Science & Services 4	CT		
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8106810	AGRISCIENCE FOUNDATIONS 1	Career Prep
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Offered:	Grade 9, 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	EQ

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS	Career Prep
Offered:	Grade 9, 10, 11, 12	
Credit:	1.0	
Length:	Year	
Prerequisite:	None	
Type of Credit:	EQ	

This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8121510	INTRODUCTORY HORTICULTURE 2	Career Prep
Offered:	Grade 10, 11, 12	
Credit:	1.0	
Length:	Year	
Prerequisite:	Agriscience Foundations 1	
Type of Credit:	CT	

This course is designed to develop competencies in the areas of career opportunities; global importance of agriculture; plant classification; propagation; growing media; nutritional needs; fertilization; irrigation; pest identification; pest control, pruning; plant installation; transplanting; safe hand-tool use; and employability skills.

8121510H	INTRODUCTORY HORTICULTURE 2 HONORS	Career Prep
Offered:	Grade 10, 11, 12	
Credit:	1.0	
Length:	Year	
Prerequisite:	Agriscience Foundations 1	
Type of Credit:	CT	

This honors course offers extensive experience in Horticulture. In addition to fulfilling all requirement of Introductory Horticulture 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8121520	HORTICULTURAL SCIENCE 3	Career Prep
Offered:	Grade 10, 11, 12	
Credit:	1.0	
Length:	Year	
Prerequisite:	Introductory Horticulture 2	
Type of Credit:	CT	

This course is designed to develop competencies in the areas of industry regulations; plant classification; plant transportation; soil sampling and analysis; fertilizer calculations; recording keeping; irrigation components, water quality; drainage; integrated pest management; pesticide safety and regulations; equipment calibration; chemical growth regulators; xeriscaping; integrated landscape management; safe use of power equipment; record keeping; and employability skills.

8121520H	HORTICULTURAL SCIENCE 3 HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Introductory Horticulture 2	
	Type of Credit:	CT	

This honors course offers extensive experience in Horticulture. In addition to fulfilling all requirements of Horticultural Science 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8121610	HORTICULTURAL SCIENCE & SERVICES 4		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite: Type of Credit:	Horticultural Science 3 CT	

This course is designed to further develop competencies in the areas of plant identification and classification; growing media; irrigation system set up; and maintaining and analyzing records including production costs.

PROGRAM NUMBER	PRINCIPLES OF AGRIBUSINESS MANAGEMENT		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8009100 ✱	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriculture Foundations 1 HONORS		
	8009110	Agriculture Leadership & Management	CT	
	8009110H	Agriculture Leadership & Management HONORS		
	8009120	Principles of Agribusiness	EC	Entrepreneurship & Small Business
	8009120H	Principles of Agribusiness HONORS		
*EQ = Equally Rigorous Science Course; EC = Meets Econ; CT = Meets CTE/Arts Grad Requirement				

8106810	AGRISCIENCE FOUNDATIONS 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year None	
	Prerequisite:	EQ	
	Type of Credit:		

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8009110	AGRICULTURE LEADERSHIP & MANAGEMENT		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	CT	
This course provides technical skill proficiency and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of leadership and careers within the Agriculture, Food and Natural Resources career cluster.			

8009110H	AGRICULTURE LEADERSHIP & MANAGEMENT HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	CT	
This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriculture Leadership and Management, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8009120	PRINCIPLES OF AGRIBUSINESS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriculture Leadership & Management	
	Type of Credit:	EC	
This course provides technical skill proficiency and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the agribusiness sector within the Agriculture, Food and Natural Resources career cluster. The content includes but is not limited to instruction that prepares individuals to apply the economic and business principles involved in the organization, operation and management of farms and agricultural business. Subject matter includes finance, laws, labor, machinery, facilities, and marketing, as well as leadership, communication, employability and human relations skills.			

8009120H	PRINCIPLES OF AGRIBUSINESS HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year None EC	

This honors course offers extensive experience in agribusiness. In addition to fulfilling all requirements of Principles of Agribusiness, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

PROGRAM NUMBER	TECHNICAL AGRICULTURE OPERATIONS		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8005100 ✱	8106810	Agriscience Foundations 1	EQ	Ag. Associate
	8106810H	Agriscience Foundations 1 HONORS		
	8005110	Technical Agricultural Operations 2	CT	
	8005120	Technical Agricultural Operations 3	CT	Ag. Mechanics
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8106810	AGRISCIENCE FOUNDATIONS 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

8106810H	AGRISCIENCE FOUNDATIONS 1 HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None EQ	

This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirement of Agriscience Foundations 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8005110	TECHNICAL AGRICULTURAL OPERATIONS 2		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Agriscience Foundations 1 CT	

This course is designed to develop competencies in the areas of safety; selection and use of tools; planning and building projects and construction of agricultural structures, including the use of electrical circuits, plumbing, concrete and masonry; and employability skills.

8005120	TECHNICAL AGRICULTURAL OPERATIONS 3		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite: Type of Credit:	Technical Agricultural Operations 2 CT	

This course is designed to develop competencies in the areas of welding; small gasoline engine service and repair; preventative maintenance procedures; irrigation system repair; refrigeration; new and emerging technologies; financial management skills; and employability skills.

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8100330	8100330	Advanced Concepts of Agriscience *
8100410	8100410	Agriculture, Food & Natural Resources Cooperative Education OJT
8100100	8100100	Agriculture, Food & Natural Resources Directed Study *
8500395	8500395	Food Science Safety & Technology

**Students should not be placed in these classes unless they are program completers (three sequential courses). Industry certifications offered must be tied to the program the student has completed.*

8100330	ADVANCED CONCEPTS OF AGRISCIENCE		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite: Type of Credit:	Teacher Recommendation CT	

The purpose of this one-credit course is to provide students who have completed, or are currently completing, an OCP in an agricultural program, a capstone experience in research or problem solving. The content is prescribed by the instructor based upon the individual student's assessed needs.

8100410	AGRICULTURE, FOOD & NATURAL RESOURCES COOPERATIVE EDUCATION OJT		Career Prep
	Offered: Credit:	Grade 10, 11, 12	
	Length:	Multiple	
	Prerequisite:	Year	
	Type of Credit:	Enrollment in or Completion of an Agriculture, Food & Natural Resources Career Prep Program CT	

This course provides an Agriculture, Food, & Natural Resources on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. ***The student must be compensated for work performed.***

8100100	AGRICULTURE, FOOD AND NATURAL RESOURCES DIRECTED STUDY		
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of Agriculture, Food & Natural Resources Career Prep Program CT
This course provides students with learning opportunities in a prescribed program of study within the Agriculture, Food and Natural Resources cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Agriculture, Food and Natural Resources career cluster.		

8500395	FOOD SCIENCE SAFETY & TECHNOLOGY	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT
The purpose of this course is to give students an opportunity to apply knowledge and skills related to the area of food science and nutrition. The content includes but is not limited to food microbiology including microorganisms and methods of food preservation, physical and chemical changes in foods, structures, and functions of nutrients; and human physiology in relation to food.		

ARCHITECTURE & CONSTRUCTION CLUSTER

PROGRAM NUMBER	**AIR CONDITIONING, REFRIGERATION AND HEATING (HVAC) TECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8723000 ✳	8713010	Air Conditioning, Refrigeration & Heating Technology 1	CT	HVAC Electrical
	8713020	Air Conditioning, Refrigeration & Heating Technology 2	CT	HVAC A/C
	8713030	Air Conditioning, Refrigeration & Heating Technology 3	CT	HVAC Heat Pump
	8713040	Air Conditioning, Refrigeration & Heating Technology 4	CT	NCCER HVAC Tech. 2
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				
**This program is only being offered at Pine Ridge High School. Please do not add this program to a school's offerings. Contact the CTE Department if you have questions.				

8713010	AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY 1	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT

This course provides students with competencies in the following topics essential to the air-conditioning, refrigeration and heating industry: safety practices; employability skills; materials and tools; mathematics; and construction documents.

8713020	AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Air Conditioning, Refrigeration & Heating Technology 1	
	Type of Credit:	CT	
This course provides students with competencies in the following topics essential to the air-conditioning, refrigeration and heating industry: matter and heat behavior; history; basic electricity; electrical wiring; mechanical refrigeration; mechanical heating and air-conditioning systems; combustion-type heating; and troubleshooting.			

8713030	AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY 3		Career Prep
	Offered:	Credit:	Grade 11, 12
	Length:		1.0
	Prerequisite:		Year
	Type of Credit:	Air Conditioning, Refrigeration & Heating Technology 2 CT	
This course provides students with competencies in the following topics essential to the air-conditioning, refrigeration and heating industry: electrical control systems and components; electrical generation and distribution components; fluids, pressures, refrigerants and codes; system components and accessories; piping, tubing and fittings; electrical motors; indoor-air quality; chilled systems; and career planning.			

8713040	AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY 4		Career Prep
	Offered:	Credit:	Grade 11, 12
	Length:		1.0
	Prerequisite:		Year
	Type of Credit:	Air Conditioning, Refrigeration & Heating Technology 3 CT	
This course provides students with competencies in the following topics essential to the air-conditioning, refrigeration and heating industry: mechanical components; solid-state electronics; design of heating and cooling systems; and refrigerant cycles.			

PROGRAM NUMBER	BUILDING TRADES AND CONSTRUCTION DESIGN TECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8722000 ✳	8722010	Building Trades & Construction Design Technology 1	CT	HBI Pact Core
	8722020	Building Trades & Construction Design Technology 2	CT	HBI Pact Core Green
	8722030	Building Trades & Construction Design Technology 3	CT	HBI PACT-Carpentry & HBI PACT-Construction
	8722030H	Building Trades & Construction Design		

		Technology 3 HONORS		
	8722040	Building Trades and Construction Design Technology 4	CT	HBI Carpentry & HBI PACT-Construction
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8722010	BUILDING TRADES & CONSTRUCTION DESIGN TECHNOLOGY 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
The purpose of this course is to develop the competencies essential to the building construction industry. These competencies include skills and knowledge related to safety practices, understanding all aspects of the industry, the use of hand and power tools, employability skills, human relations and leadership skills and related construction theory.			

8722020	BUILDING TRADES & CONSTRUCTION DESIGN TECHNOLOGY 2		Career Prep
	Offered:	Credit:	Grade 10, 11, 12
	Length:		1.0
	Prerequisite:		Year
	Type of Credit:	Building Trades and Construction Design Technology 1 CT	
The purpose of this course is to develop the competencies necessary for the building, construction, and repair industry. These competencies relate to communication and computer skills; construction components, materials and hardware; and blueprints, specifications, and construction documents.			

8722030	BUILDING TRADES & CONSTRUCTION DESIGN TECHNOLOGY 3		Career Prep
	Offered:	Credit:	Grade 10, 11, 12
	Length:		1.0
	Prerequisite:		Year
	Type of Credit:	Building Trades and Construction Design Technology 2 CT	
The purpose of this course is to develop the competencies necessary for the building, construction and repair industry. These competencies relate to entrepreneurship, building codes and regulations, and CAD drawings and construction documents.			

8722030H	BUILDING TRADES & CONSTRUCTION DESIGN TECHNOLOGY 3		Career Prep
	HONORS		
	Offered:	Credit:	Grade 10, 11, 12
	Length:		1.0
	Prerequisite:		Year
Type of Credit:	Building Trades and Construction Design Technology 2		
		CT	
This honors course offers extensive experience in the Building Trades. In addition to fulfilling all requirements of Building Trades and Construction Design Technology 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8722040	BUILDING TRADES & CONSTRUCTION DESIGN TECHNOLOGY 4		Career Prep
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Building Trades and Construction Design Technology 3 CT
The purpose of this course is to provide students with hands on skills in the carpentry and masonry trades.		

PROGRAM NUMBER	CARPENTRY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8104300✳	8104310	Carpentry Fundamentals	CT	HBI Pact Core
	8104320	Carpentry Layout	CT	HBI Pact Core Green
	8104330 8104330H	Carpentry Framing Carpentry Framing HONORS	CT	HBI Core Green HBI Carpentry
	8104340 8104340H	Carpentry Exterior Carpentry Exterior HONORS	CT	HBI Carpentry
	8104350 8104350H	Carpentry Finish Carpentry Finish HONORS	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8104310	CARPENTRY FUNDAMENTALS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
The purpose of this course is for the student to develop competencies essential to the carpentry industry including safety, use of manual and power tools, applied math, construction plan drawing, building materials, fasteners and hardware, rigging and scaffolding, sustainability and employability skills.			

8104320	CARPENTRY LAYOUT		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Carpentry Fundamentals	
	Type of Credit:	CT	
The purpose of this course is for the student to continue developing competencies essential to the carpentry profession. These competencies include site preparation and layout, building foundations, engineered structural lumber and floor system framing.			

8104330	CARPENTRY FRAMING		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Carpentry Layout	
	Type of Credit:	CT	
This course focuses on framing walls and roofs and provides an understanding of hurricane codes.			

8104330H	CARPENTRY FRAMING HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Carpentry Layout	
	Type of Credit:	CT	
This honors course offers extensive experience in the Carpentry Trade. In addition to fulfilling all requirements of Carpentry Framing, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8104340	CARPENTRY EXTERIOR		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Carpentry Framing	
	Type of Credit:	CT	
This course provides students with knowledge and skills pertaining to cold-formed steel framing, exterior stair construction, roofing applications, thermal and moisture protection and window and door installation.			

8104340H	CARPENTRY EXTERIOR HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Carpentry Framing	
	Type of Credit:	CT	
This honors course offers extensive experience in the Carpentry Trade. In addition to fulfilling all requirements of Carpentry Exteriors, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8104350H	CARPENTRY FINISH		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Carpentry Exterior	
	Type of Credit:	CT	
This course provides students with knowledge and skills pertaining to finish carpentry. Competencies covered include drywall installation, cabinetry and an overview of construction documents.			

8104350H	CARPENTRY FINISH HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Carpentry Exterior	
	Type of Credit:	CT	
This honors course offers extensive experience in the Carpentry Trade. In addition to fulfilling all requirements of Carpentry Finish, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

****ELECTRICITY**

PROGRAM NUMBER	Course Number	Course Name	TYPE OF CREDIT*	INDUSTRY CERTIFICATION
8727200 ✳	8727210	Electricity 1	CT	HBI PACT Core
	8727220	Electricity 2	CT	HBI - Electricity
	8727230	Electricity 3	CT	
	8727240	Electricity 4	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				
**This program is only being offered at Mainland High School and T. DeWitt Taylor High School. Please do not add this program to a school's offerings. Contact the CTE Department if you have questions.				

8727210	ELECTRICITY 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This course enables students to develop the essential competencies for working in the electrical industry. These competencies include safety practices, direct-current electrical-circuit skills, appropriate communication and math skills, basic electricity and electric codes.			

8727220	ELECTRICITY 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Electricity 1	
	Type of Credit:	CT	
This course enables students to develop competencies related to math applications and analytical/trouble shooting skills in electricity.			

8727230	ELECTRICITY 3		Career Prep
	Offered:	Credit:	Grade 11, 12
	Length:		1.0
	Prerequisite:		Year
	Type of Credit:		Electricity 2 CT
This course provides students with electrical math skills.			

8727240	ELECTRICITY 4		Career Prep
	Offered:	Credit:	Grade 11, 12 1.0 Year Electricity 3 CT
	Length:		
	Prerequisite:		
	Type of Credit:		
This course enables students to develop the competencies needed for employment in the residential electrical industry. These competencies include employability, entrepreneurship, Alternating Current circuitry and troubleshooting residential electric circuits.			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8700400	8700400	Architecture and Construction Cooperative Education OJT
8700100	8700100	Architecture and Construction Directed Study *

**Students should not be placed in these classes unless they are program completers (three sequential courses)*

8700400	ARCHITECTURE & CONSTRUCTION COOPERATIVE EDUCATION OJT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 Multiple Year Enrollment in or Completion of an Architecture & Construction Career Prep Program CT	
This course provides an Architecture and Construction on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. <i>The student must be compensated for work performed.</i>			

8700100	ARCHITECTURE & CONSTRUCTION DIRECTED STUDY		
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of an Architecture & Construction Career Prep Program CT	
This course provides students with learning opportunities in a prescribed program of study within the Architecture and Construction cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Architecture and Construction career cluster.			

ARTS, A/V TECHNOLOGY & COMMUNICATION CLUSTER

PROGRAM NUMBER	DIGITAL AUDIO PRODUCTION		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8772300 ✱	8772310	Digital Audio Production 1	CT	
	8772320	Digital Audio Production 2	CT	
	8772330	Digital Audio Production 3	CT	
	8772340	Digital Audio Production 4	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8772310	DIGITAL AUDIO PRODUCTION 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	
The course provides competencies in operating audio consoles, production writing, news writing, and voice over and on-air skills.			

8772320	DIGITAL AUDIO PRODUCTION 2		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Digital Audio Production 1 CT	
This course provides competencies in the set up and configuration of a computer for audio applications and the operation of audio equipment.			

8772330	DIGITAL AUDIO PRODUCTION 3		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Digital Audio Production 2 CT	
This course covers competencies in digital audio production.			

8772340	DIGITAL AUDIO PRODUCTION 4		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Digital Audio Production 3 CT	
This course provides competencies in the operation of basic reproduction, reinforcement and recording audio equipment.			

PROGRAM NUMBER	**DIGITAL DESIGN		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8209600✳	8207310	Digital Information Technology	CT	Adobe Bundle
	8209510H	Digital Design HONORS 1	CT	Adobe Certified Professional Visual Design: Photoshop or Illustrator or InDesign Bundle
	8209520H	Digital Design HONORS 2	CT	
	8209530H	Digital Design HONORS 3	CT	
	8209540H	Digital Design HONORS 4	CT	
	8209550H	Digital Design HONORS 5	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				
**THE DIGITAL DESIGN PROGRAM (8209600) REPLACES THE PROGRAM DIGITAL MEDIA/MULTIMEDIA DESIGN (8201200).				

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	
This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets,			

presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.

8209510H	DIGITAL DESIGN 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Information Technology	
	Type of Credit:	CT	

This course is designed to develop the entry-level skills required for careers in digital design. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem-solving.

8209520H	DIGITAL DESIGN 2 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Design 1 Honors	
	Type of Credit:	CT	

This course continues the development of entry-level skills required for careers in digital design. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem solving.

8209530H	DIGITAL DESIGN 3 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Design 2 Honors	
	Type of Credit:	CT	


This course continues the development of industry-standard skills required for careers in digital design. The content includes the use of software and equipment to perform digital publishing and digital imaging activities. Students continue to learn about communication, collaboration and decision-making activities, critical thinking and problem solving.

8209540H	DIGITAL DESIGN 4 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Design 3 Honors	
	Type of Credit:	CT	

This course is designed to develop advanced industry-standard skills required for careers in digital design. The content includes the use of software and equipment, including digital video cameras and video/audio editing software.

8209550H	DIGITAL DESIGN 5 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Design 4 Honors	
	Type of Credit:	CT	

This course continues the development of advanced industry-standard skills required for careers in digital design. The content includes the use of software and equipment to create multimedia presentations.

PROGRAM NUMBER	**DIGITAL VIDEO TECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8201400 	8201410H	Digital Video Technology 1 HONORS	CT	Adobe Video Bundle
	8201420H	Digital Video Technology 2 HONORS	CT	Adobe Certified Professional Video Design: Premiere Pro & After Effects or Photoshop Bundle
	8201430H	Digital Video Technology 3 HONORS	CT	
	8201440H	Digital Video Technology 4 HONORS	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8201410H	DIGITAL VIDEO TECHNOLOGY 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This course provides students with an introduction to the digital video production process; content includes safe work practices, planning a production set, designing lighting plans, camera operation, and audio/ video recording, mixing, and editing.			

8201420H	DIGITAL VIDEO TECHNOLOGY 2 HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Video Technology 1 Honors	
	Type of Credit:	CT	
This course provides students with intermediate level instruction in the digital video production process.			

8201430H	DIGITAL VIDEO TECHNOLOGY 3 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Video Technology 2 Honors	
	Type of Credit:	CT	
This course provides students with the opportunity to participate in the digital video pre-production, production, and post-production processes.			

8201440H	DIGITAL VIDEO TECHNOLOGY 4 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Video Technology 3 Honors	
	Type of Credit:	CT	
This honors course offers extensive experience in Digital Video Technology. In addition to fulfilling all requirements of Digital Video Technology 4, students participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM	JOURNALISM AND MULTIMEDIA		TYPE OF	INDUSTRY
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NUMBER	Course Number	Course Name	CREDIT*	CERTIFICATION
8771101	8203000	Foundations of Journalism**	CT	Adobe Visual Design Bundle /Adobe Video Bundle
	8771110	Media Production	CT	
	8209510H	Digital Design 1 HONORS	CT	
	8203001	Photojournalism	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement; VO = CTE Elective				
** Requires certification in ENGLISH 1 @2 @4; JOURNALISM 1 @2 @4; or MG ENGLISH C				

8203000	FOUNDATIONS OF JOURNALISM		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This course is designed to develop basic entry-level skills required for careers in the writing and editing industry.			

8771110	MEDIA PRODUCTIONS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Foundations of Journalism	
	Type of Credit:	CT	
This course is designed to develop basic entry-level skills required for careers in the communications industry.			

8209510H	DIGITAL DESIGN 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Media Productions	
	Type of Credit:	CT	
This course is designed to develop the entry-level skills required for careers in digital design. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem-solving.			

8203001	PHOTOJOURNALISM		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Design 1 Honors	
	Type of Credit:	CT	
This course is designed to introduce students to basic photojournalism techniques, including camera operation, lighting, composition, photo manipulation, and storytelling for print and online publications. Through this course, the students will become familiar with Digital Single Lens Reflex (DSLR) and as well as cameras on mobile devices and learn how to create authentic journalistic documents. An emphasis will be placed on using the camera as a reporting tool and will cover industry expectations for professional photojournalists.			

PROGRAM NUMBER	Television Production Technology		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8201500	8201510	Television Production Technology 1	CT	ADOBE VIDEO BUNDLE Premiere Pro & After Effects Bundle
	8201520	Television Production Technology 2	CT	
	8201530	Television Production Technology 3	CT	
	8201530H	Television Production Technology 3 HONORS	CT	
	8201540	Television Production Technology 4	CT	
	8201540H	Television Production Technology 4 HONORS	CT	

*EQ = Equally Rigorous Science Course; CT= Meets CTE/Arts Grad Requirement; VO = CTE Elective

8201510	Television Production Technology 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9,10 1.0 Year NONE CT	
This course is designed to introduce students to television production professions such as television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, and audio recording engineers. In addition, students will demonstrate an understanding of basic industry terminology and use basic television production equipment.			

8201520	Television Production Technology 2		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Television Production Technology 1 CT	
This course is designed to introduce students to television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, and audio recording engineers. In addition, students will perform tasks related to television production such as writing broadcast scripts, performing lighting activities and operating editing software.			

8201530	Television Production Technology 3		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Television Production Technology 2 CT	
This course is designed to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, and audio recording engineers. Students will learn industry accepted skills, perform intermediate digital audio, video recording and editing operations.			

8201530H	Television Production Technology 3 HONORS	Career Prep
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11 , 12 1.0 Year Television Production Technology 1 & 2 CT
This honors course offers extensive experience and prepares students for initial employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, and audio recording engineers. Students will learn industry accepted skills, perform intermediate digital audio, video recording and editing operations. Students will demonstrate the correct use of equipment used in television production.		

8201540	Television Production Technology 4	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 12 1.0 Year Television Production Technology 1-3 CT
This course is designed to prepare students for employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, and audio recording engineers. Students will function as a member of a production team and create a variety of television programming tasks related to the field.		

8201540H	Television Production Technology 4 HONORS	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 12 1.0 Year Television Production Technology 1-3 CT
This honors course offers extensive experience for employment as television production operators, television broadcast technicians, camera operators, other professional/para-professional technicians, video recording engineers, and audio recording engineers.		

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8200430	8200430	Arts, A/V Technology & Communication Cooperative Education OJT
8200400	8200400	Arts, A/V Technology & Communication Directed Study *

8200430	ARTS, A/V TECHNOLOGY & COMMUNICATION COOPERATIVE EDUCATION OJT	Career Prep
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**Students should not be placed in these classes unless they are program completers (three sequential courses)*

	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Enrollment in or Completion of an Arts, A/V, Technology & Communication Career Prep Program CT
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This course provides an Arts, A/V Technology and Communication on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment.

The student must be compensated for work.

8200400	ARTS, A/V TECHNOLOGY & COMMUNICATION DIRECTED STUDY
	Offered: Credit: Length: Prerequisite: Type of Credit:
	Grade 11, 12 Multiple Year Completion of an Arts, A/V, Technology & Communication Career Prep Program CT

This course provides students with learning opportunities in a prescribed program of study within the Arts, A/V Technology and Communication cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Arts, A/V Technology and Communication career cluster.

BUSINESS MANAGEMENT & ADMINISTRATION CLUSTER

PROGRAM NUMBER	ACCOUNTING APPLICATIONS		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8302100 ✳	8207310	Digital Information Technology	CT	HTML/ CSS
	8203310 8203310H	Accounting Applications 1 Accounting Applications 1 HONORS	CT	Intuit Quickbooks Certified User
	8203320 8203320H	Accounting Applications 2 Accounting Applications 2 HONORS	CT	Intuit: Certified Bookkeeping Professional
	8203330 8203330H	Accounting Applications 3 Accounting Applications 3 HONORS	CT	Intuit: Certified Bookkeeping Professional
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered: Credit: Length: Prerequisite:	Grade 9, 10, 11, 12 1.0 Year None	
	Type of Credit:	CT	

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.

8203310	ACCOUNTING APPLICATIONS 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Digital Information Technology CT	
This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers is required.			

8203310H	ACCOUNTING APPLICATIONS 1 HONORS		Career Prep
	Offered: Credit: Length:	Grade 10, 11, 12 1.0 Year	

	Prerequisite:	Digital Information Technology
	Type of Credit:	CT
This honors course offers extensive experience in the accounting principles. In addition to fulfilling all requirements of Accounting Applications 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8203320	ACCOUNTING APPLICATIONS 2	Career Prep
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Accounting Applications 1
	Type of Credit:	CT

This course is designed to continue the study of accounting principles. The content includes voucher systems, cash receipts, petty cash, payroll records, and internal control systems. The use of computers is required.

8203320H	ACCOUNTING APPLICATIONS 2 HONORS	Career Prep
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Accounting Applications 1
	Type of Credit:	CT

This honors course offers extensive experience in the accounting principles. In addition to fulfilling all requirements of Accounting Applications 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8203330	ACCOUNTING APPLICATIONS 3	Career Prep
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Accounting Applications 2
	Type of Credit:	CT

This course continues the study of accounting principles and applies those principles to various entities. The content includes methods for determining the cost of merchandise inventory, general ledger account analysis, and the aging process. The use of computers is required.

8203330H	ACCOUNTING APPLICATIONS 3 HONORS	Career Prep
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Accounting Applications 2
	Type of Credit:	CT

This honors course offers extensive experience in the accounting principles. In addition to fulfilling all requirements of Accounting Applications 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

PROGRAM NUMBER	PROMOTIONAL ENTERPRISE		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8217100 ✳	8207310	Digital Information Technology	CT	ITS HTML & CSS & Word Press Certified Editor

	8217110	Custom Promotional Layout Design	CT	Entrepreneurship & Small Business / Adobe Design Bundle
	8217120	Promotional Design Management	CT	ADOBE DESIGN BUNDLE
	8217130	Custom Promotional Sales & Distribution Management	CT	
	8217140	Promotional Business Management & Supervision 1	CT	
	8217160	Legal Aspects of Promotional Industry Ownership	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; basic HTML, DHTML, and XML web commands and design; and emerging technologies and web page design.

8217110	CUSTOM PROMOTIONAL LAYOUT DESIGN		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to develop basic entry-level skills required for careers in the custom imprinted merchandise industry. The content includes computer skills, layout, design, measurement activities, and decision-making activities, digital imaging, sublimation activities, and digital embroidery activities, digital precision cutting activities, direct to garment printing activities, and sign making activities. After successful completion of Custom Promotional Layout Design students will be able to perform basic design and layout in predictable situations.

8217120	PROMOTIONAL DESIGN MANAGEMENT		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to develop mid-level management skills required in the imprinted merchandise industry. The content includes real world production schedules for single lines of merchandise, management of production equipment, customer relations, and sales of imprinted merchandise and delivery of the product. This course is designed to be done in a real production environment through placement in a school-based imprinted merchandise enterprise or industry internship placement. After successful completion of Custom Promotional Sales and Distribution the student will be able to manage a production line from customer product design through delivery of final product.

8217130	CUSTOM PROMOTIONAL SALES AND DISTRUBTION MANAGEMENT		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to develop mid-level management skills required in the imprinted merchandise industry. The content includes real world production schedules for single lines of merchandise, management of production equipment, customer relations, and sales of imprinted merchandise and delivery of the product. This course is designed to be done in a real production environment through placement in a school-based imprinted merchandise enterprise or industry internship placement. After successful completion of Custom Promotional Sales and Distribution the student will be able to manage a production line from customer product design through delivery of final product.

8217140	PROMOTIONAL BUSINESS MANAGEMENT & SUPERVISION 1		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to develop entry-level skills required in management and supervision in the imprinted merchandise industry. The content includes activities in equipment operation and maintenance, small business development, market evaluation, and economic effects on small businesses in the United States. After successful completion of Promotional Business Management and Supervision 1, students will be able to organize a small business in the imprinted merchandise industry.

8217160	LEGAL ASPECTS OF PROMOTIONAL INDUSTRY OWNERSHIP		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to develop knowledge of legal requirements and resources for owners of businesses in the imprinted merchandise industry. The content includes activities on incorporating, taxation, legal recourses, and free enterprise design. After successful completion of Legal Aspects of Promotional Industry Ownership, students will be able to set up a corporation in the imprinted merchandise industry.

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8500375	8500375	Blueprint for Professional Success
8200410	8200410	Business Cooperative Education OJT
8200100	8200100	Business Education Directed Study *
8200420	8200420	Business Cooperative Education Organization & Management
8207310	8207310	Emerging Technology in Business

**Students should not be placed in these classes unless they are program completers (three sequential courses)*

8500375	BLUEPRINT FOR PROFESSIONAL SUCCESS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	CT
<p>This course is designed to prepare students for the workplace in the twenty-first century. The course includes developing human resources, work ethics, decision making, balancing work and family, as well as other skills. These skills are often referred to as "business skills". Exploration of a variety of careers is highly recommended through a job shadowing experience. Development of a portfolio provides a personal file and organizational tool for the student to transfer knowledge to a real-life experience.</p>		

8200410	BUSINESS COOPERATIVE EDUCATION OJT		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Completion of Business Education Career Prep Program	
	Type of Credit:	CT	
<p>This course provides a Business Management and Administration on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. <i>The student must be compensated for work performed.</i></p>			

8200100	BUSINESS EDUCATION DIRECTED STUDY	
	Offered:	Grade 11, 12
	Credit:	Multiple Year
	Length:	
	Prerequisite:	Completion of Business Education Career Prep Program
	Type of Credit:	CT
<p>This course provides students with learning opportunities in a prescribed program of study within the Business Management and Administration cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Business Management and Administration career cluster.</p>		

8200420	BUSINESS COOPERATIVE EDUCATION ORGANIZATION AND MANAGEMENT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 Multiple Year Enrollment in Business Cooperative Education OJT CT	
This course may be taken only by a student who is enrolled in the Business Cooperative Education OJT course. This course provides Business Cooperative Education students with a common class that can be used to reinforce and provide additional competencies in their selected Business Management and Administration program. The content includes but is not limited to maintaining job related forms and instruction in subjects related to the specific job that the student is performing.			

8207310	EMERGING TECHNOLOGY IN BUSINESS		
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 8 1.0 (<i>An accelerated high school elective credit</i>) Year None CT	
This course provides instruction in electronic research methods; business communications including speaking, listening, writing, and telecommunicating; multimedia presentation skills; ethical considerations related to technology; and emerging technologies affecting business environments.			

EDUCATION & TRAINING CLUSTER

PROGRAM NUMBER	EARLY CHILDHOOD EDUCATION		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8405100 ✳	8405110	Early Childhood Education 1	CT	Entrepreneurship and Small Business -ESB
	8405120	Early Childhood Education 2	CT	Certified Food Protection Manger-ServSafe
	8405130 8405130H	Early Childhood Education 3 Early Childhood Education 3 HONORS	CT	
	8405140 8405140H	Early Childhood Education 4 Early Childhood Education 4 HONORS	CT	Child Development Associate (CDA)
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8405110	EARLY CHILDHOOD EDUCATION 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	

The purpose of this course is to assist students to identify career and job opportunities; to maintain a safe, clean and healthy learning environment; to identify principles of child development; to identify age-appropriate physical, intellectual, social and emotional development activities; and to identify rules and regulations that govern child care.

8405120	EARLY CHILDHOOD EDUCATION 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Early Childhood Education 1	
	Type of Credit:	CT	

The purpose of this course is to assist students to identify various observations and recording methods; to maintain a safe, clean and healthy learning environment; to guide physical, intellectual, social and emotional development activities; to assist with the food service program; to use appropriate guidance and discipline techniques, and to identify and report suspected child abuse and neglect.

8405130	EARLY CHILDHOOD EDUCATION 3		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Early Childhood Education 2	
	Type of Credit:	CT	

The purpose of this course is to assist students to guide young children in physical, intellectual, social and emotional development activities; to demonstrate communication and employability skills and to develop and maintain a professional attitude toward child care.

8405130H	EARLY CHILDHOOD EDUCATION 3 HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Early Childhood Education 2	
	Type of Credit:	CT	

This honors course offers extensive experience in Child Care. In addition to fulfilling all requirements of Early Childhood Education 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8405140	EARLY CHILDHOOD EDUCATION 4		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Early Childhood Education 3	
	Type of Credit:	CT	

The purpose of this course is to assist students to guide young children in physical, intellectual, social and emotional development activities; to demonstrate communication and employability skills and to develop and maintain a professional attitude toward child care.

8405140H	EARLY CHILDHOOD EDUCATION 4 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Early Childhood Education 3	
	Type of Credit:	CT	

This honors course offers extensive experience in Child Care. In addition to fulfilling all requirements of Early Childhood Education 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

PROGRAM NUMBER	PRINCIPLES OF TEACHING		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
	8909010	Introduction to the Teaching Profession	CT	WordPress Certified Editor
8909000 ✳	8909020	Human Growth and Development	CT	
	8909030	Foundations of Curriculum & Instruction	CT	
	8909040	Principles of Teaching Internship	CT	Florida Teacher Certification Examination (FTCE) - Professional Education Test
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8909010	INTRODUCTION TO THE TEACHING PROFESSION		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to develop competencies related to the role, regulations, and career path of teacher aides; the role of education; leadership and CTSO activities; interpersonal and communication skills; and educational-support tasks.

8909020	HUMAN GROWTH & DEVELOPMENT		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Introduction to the Teaching Profession	
	Type of Credit:	CT	

This course is designed to develop competencies in the operation of audiovisual equipment; job-related math skills; test administration and grading; job-related computer applications; visual aids preparation; the supervision of student health and safety; and the reporting of child abuse and drug abuse. It also requires a teaching practicum experience that involves direct student contact.

8909030	FOUNDATIONS OF CURRICULUM & INSTRUCTION		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Human Growth and Development	
	Type of Credit:	CT	

This course is designed to develop competencies related to supporting the learning activities of students, establishing and maintaining appropriate student behaviors, and supporting cooperative home-school relationships. It develops competencies in employability skills and entrepreneurship. It also requires the completion of the teaching practicum experience that involves direct contact with students.

8909040	PRINCIPLES OF TEACHING INTERNSHIP		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Foundations of Curriculum and Instruction	
	Type of Credit:	CT	

This course is designed to develop competencies related to employability skills; developing relationships between school and the home; intrapersonal skills and professionalism. During this course students must participate in and document a 50-hour practicum (this is in addition to the 25-hour practicum in Teacher Assisting 3). A formal observation of the student must be conducted by the instructor during the latter part of the practicum experience. The student must submit a completed portfolio to the instructor by the end of this course.

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8500310	8500310	Child Development
8500410	8500410	Education & Training Cooperative Education OJT
8500100	8500100	Education & Training Directed Study

8500310	CHILD DEVELOPMENT	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 .5 Semester None CT

This course emphasizes knowledge and skills needed to prepare students to understand the nature of child development from prenatal care through age six. The role of communication and guidance in the parent/child relationship are emphasized as well as basic needs and the principles of human development.


8500410	EDUCATION & TRAINING COOPERATIVE EDUCATION OJT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 Multiple Year Enrollment in or Completion of an Education & Training Career Prep Program CT	

This course provides an Education and Training on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. ***The student must be compensated for work.***

8500100	EDUCATION & TRAINING DIRECTED STUDY	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of an Education & Training Career Prep Program CT

This course provides students with learning opportunities in a prescribed program of study within the Education and Training cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Education and Training career cluster.

ENGINEERING & TECHNOLOGY EDUCATION CLUSTER

PROGRAM NUMBER	AEROSPACE TECHNOLOGIES		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8600080 	8600580	Aerospace Technologies 1	EQ	AutoDesk Fusion 360
	8600580H	Aerospace Technologies 1 HONORS		
	8600680	Aerospace Technologies 2	EQ	Small UAS Safety
	8600680H	Aerospace Technologies 2 HONORS		
	8601780	Aerospace Technologies 3	EQ	Visual Line of Sight Systems; FAA Private Pilot
	8601780H	Aerospace Technologies 3 HONORS		
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8600580	AEROSPACE TECHNOLOGIES 1	
	Offered: Credit:	Grade 9, 10, 11, 12
	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	None EQ
This course (the first of three in the aerospace program) is designed to familiarize students with a foundation of knowledge and technically-oriented experiences in the study of aerospace and its effect upon our lives and the choosing of an occupation. The content and activities include the study of entrepreneurship, safety, and leadership skills. The program focuses on transferable skills and stresses understanding and demonstrating the technological tools, machines, instruments, materials, processes and systems in business and industry.		


8600580H	AEROSPACE TECHNOLOGIES 1 HONORS	
	Offered: Credit:	Grade 9, 10, 11, 12
	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	None
		EQ
This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Aerospace Technology 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8600680	AEROSPACE TECHNOLOGIES 2	
	Offered: Credit:	Grade 10, 11, 12
	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	Aerospace Technology 1
EQ		
This course (the second of three in the aerospace program) is designed to familiarize students with a foundation of knowledge and technically-oriented experiences in the study of aerospace and its effect upon our lives and the choosing of an occupation. The content and activities include the study of entrepreneurship, safety, and leadership skills. The program focuses on transferable skills and stresses understanding and demonstrating the technological tools, machines, instruments, materials, processes and systems in business and industry.		

8600680H	AEROSPACE TECHNOLOGIES 2 HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Aerospace Technology 1 EQ
This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Aerospace Technology 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8601780	AEROSPACE TECHNOLOGIES 3	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Aerospace Technology 2 EQ
This course (the third of three in the aerospace program) is designed to familiarize students with a foundation of knowledge and technically-oriented experiences in the study of aerospace and its effect upon our lives and the choosing of an occupation. The content and activities include the study of entrepreneurship, safety, and leadership skills. The program focuses on transferable skills and stresses understanding and demonstrating the technological tools, machines, instruments, materials, processes and systems in business and industry.		

8601780H	AEROSPACE TECHNOLOGIES 3 HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Aerospace Technology 2 EQ
This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Aerospace Technology 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

PROGRAM NUMBER	APPLIED ENGINEERING TECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
	8401110 8401110H	Applied Engineering Technology 1 Applied Engineering Technology 1	CT	AutoDesk - Fusion 360
8401100 		HONORS		
	8401120 8401120H	Applied Engineering Technology 2 Applied Engineering Technology 2 HONORS	CT	AutoDesk - AutoCAD
	8401130 8401130H	Applied Engineering Technology 3 Applied Engineering Technology 3 HONORS	CT	AutoDesk - Inventor
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8401110	APPLIED ENGINEERING TECHNOLOGY 1	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT
This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the associated mathematics, science, and technology knowledge and skills. The course also includes essential concepts of technology and design, as well as concerns about the social and political implications of technological change.		

8401110H	APPLIED ENGINEERING TECHNOLOGY 1 HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT
This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Applied Engineering Technology 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8401120	APPLIED ENGINEERING TECHNOLOGY 2	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Applied Engineering Technology 1 CT
This course provides students with opportunities to further their mastery of engineering-related math and science principles to design solutions to real world problems. The course also includes a more in-depth look into the relationship between technology and design.		

8401120H	APPLIED ENGINEERING TECHNOLOGY 2 HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Applied Engineering Technology 1 CT
This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Applied Engineering Technology 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8401130	APPLIED ENGINEERING TECHNOLOGY 3	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Applied Engineering Technology 2 CT
This course provides opportunities for students to apply their acquired knowledge and skills in engineering scenarios. The course features multiple options for providing context-based projects oriented to specific fields of engineering. This feature enables instruction in complex projects involving multi-faceted project teams by providing instruction oriented to four key engineering disciplines: mechanical, electrical, civil, and environmental.		

8401130H	APPLIED ENGINEERING TECHNOLOGY 3 HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Applied Engineering Technology 2 CT
This course provides opportunities for students to apply their acquired knowledge and skills in engineering scenarios. The course features multiple options for providing context-based projects oriented to specific fields of engineering. This feature enables instruction in complex projects involving multi-faceted project teams by providing instruction oriented to four key engineering disciplines: mechanical, electrical, civil, and environmental. This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Applied Engineering Technology 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

PROGRAM NUMBER	APPLIED ROBOTICS		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9410100 ✳	9410110 9410110H	Foundations of Robotics Foundations of Robotics HONORS	CT	AutoDesk Fusion 360
	9410120 9410120H	Robotic Design Essentials Robotic Design Essentials HONORS	CT	REC: Pre-Engineering
	9410130 9410130H	Robotic Systems Robotic Systems HONORS	CT	REC: Robotics
	9410140 9410140H	Robotic Applications Capstone Robotic Applications Capstone HONORS	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

9410110	FOUNDATIONS OF ROBOTICS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT
This course provides students with a foundation in content and skills associated with robotics and automation, including; artificial intelligence, electronics, physics, and principles of engineering.		

9410110H	FOUNDATIONS OF ROBOTICS HONORS	
	Offered: Credit:	Grade 9, 10, 11, 12

	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	None
		CT
This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Foundation of Robotics, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

9410120	ROBOTIC DESIGN ESSENTIALS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Foundations of Robotics
	Type of Credit:	CT
This course provides students with content and skills essential to the design and operation of robotics, including artificial intelligence, sensors, electronic devices, engineering technologies, motion physics, electrical motors, programming, simulation and modeling, and critical thinking skills.		


9410120H	ROBOTIC DESIGN ESSENTIALS HONORS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Foundations of Robotics
	Type of Credit:	CT
This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Robotic Design Essentials, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

9410130	ROBOTIC SYSTEMS	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Robotic Design Essentials
	Type of Credit:	CT
This course provides students with extended content and skills essential to the design and operation of robotic systems, including artificial intelligence, specialized sensors, electronic applications, engineering technologies, environmental physics, manufacturing, topographical considerations, programming, communications, simulation and modeling, and critical thinking skills.		

9410130H	ROBOTIC SYSTEMS HONORS	
	Offered:	Grade 10, 11, 12
	Credit: Length:	1.0
	Prerequisite:	Year
	Type of Credit:	Robotic Design Essentials
		CT
This course provides students with extended content and skills essential to the design and operation of robotic systems, including artificial intelligence, specialized sensors, electronic applications, engineering technologies, environmental physics, manufacturing, topographical considerations, programming, communications, simulation and modeling, and critical thinking skills. This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Robotic Systems, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

9410140	ROBOTIC APPLICATIONS CAPSTONE	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Robotic Systems CT
This course provides students with extended content and skills essential to the design and operation of autonomous robotic systems in the context of a capstone project.		

9410140H	ROBOTIC APPLICATIONS CAPSTONE HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Robotic Design Essentials CT
This course provides students with extended content and skills essential to the design and operation of autonomous robotic systems in the context of a capstone project. This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Robotic Applications Capstone, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

PROGRAM NUMBER	**ENGINEERING PATHWAYS		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9400300 	8600550	Intro to Engineering Design	CT	AutoDesk - Fusion 360
	8600550H	Intro to Engineering Design HONORS		
	8600520	Principles of Engineering	CT	
	8600520H	Principles of Engineering HONORS		
	8600530	Digital Electronics	CT	
	8600530H	Digital Electronics HONORS		
	8600620	Aerospace Engineering	CT	AutoDesk - Inventor
	8600620H	Aerospace Engineering HONORS		
	8600590	Civil Engineering & Architecture	CT	AutoDesk - Revit
	8600590H	Civil Engineering & Architecture HONORS		
	8600560	Computer Integrated Manufacturing	CT	

	8600560H	Computer Integrated Manufacturing HONORS		
	8600650	Engineering Design & Development		
	8600650H	Engineering Design & Development HONORS	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8600550	INTRODUCTION TO ENGINEERING DESIGN	
	Offered: Credit:	Grade 9, 10, 11, 12
	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	None
		CT
This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software.		

8600550H	INTRODUCTION TO ENGINEERING DESIGN HONORS	
	Offered: Credit:	Grade 9, 10, 11, 12
	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	None
		CT
This honors course offers extensive experience in Engineering. In addition to fulfilling all requirements of Introduction to Engineering, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8600520	PRINCIPLES OF ENGINEERING	
	Offered: Credit:	Grade 9, 10, 11, 12
	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	Introduction to Engineering Design
CT		
This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.		

8600520H	PRINCIPLES OF ENGINEERING HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit: Length:	1.0
	Prerequisite:	Year
	Type of Credit:	Introduction to Engineering Design CT
This honors course offers extensive experience in Engineering. In addition to fulfilling all requirements of Principles of Engineering, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8600530	DIGITAL ELECTRONICS			
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Principles of Engineering CT
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This is a course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices.

8600530H	DIGITAL ELECTRONICS HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Principles of Engineering CT

This honors course offers extensive experience in Engineering. In addition to fulfilling all requirements of Digital Electronics, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8600620	AEROSPACE ENGINEERING	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Principles of Engineering CT

This course is intended to engage students in analyzing and designing solutions to engineering design problems related to aerospace information systems, astronautics, rocketry, propulsion, the physics of space science, space life sciences, the biology of space science, principles of aeronautics, structures and materials, and systems engineering. Students work in teams, exploring hands-on projects and activities to learn the characteristics of aerospace engineering and work on major problems to be exposed to the various situations that aerospace engineers face in their careers.

8600620H	AEROSPACE ENGINEERING HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Principles of Engineering CT

This honors course offers extensive experience in Engineering. In addition to fulfilling all requirements of Aerospace Engineering, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8600590	CIVIL ENGINEERING AND ARCHITECTURE	
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Principles of Engineering CT
This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as the Roles of Civil Engineers and Architects, Project Planning, Site Planning, Building Design, and Project Documentation and Presentation.		

8600590H	CIVIL ENGINEERING AND ARCHITECTURE HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Principles of Engineering CT
This honors course offers extensive experience in Engineering. In addition to fulfilling all requirements of Civil Engineering and Architecture, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8600560	COMPUTER INTEGRATED MANUFACTURING	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Principles of Engineering CT
This course applies principles of robotics and automation. The course builds on computer solid modeling skills developed in Introduction to Engineering Design, and Design and Drawing for Production. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing, and design analysis are included.		

8600560H	COMPUTER INTEGRATED MANUFACTURING HONORS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Principles of Engineering CT
This honors course offers extensive experience in Engineering. In addition to fulfilling all requirements of Computer Integrated Manufacturing, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

8600650	ENGINEERING DESIGN AND DEVELOPMENT	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Principles of Engineering CT
This course provides students with an advanced understanding of the knowledge, human relations, and		

technological skills found today in technical profession.

8600650H	ENGINEERING DESIGN AND DEVELOPMENT HONORS	
	Offered:	Grade 11, 12
	Credit: Length:	1.0
	Prerequisite:	Year
	Type of Credit:	Principles of Engineering CT
This honors course offers extensive experience in Engineering. In addition to fulfilling all requirements of Engineering Design and Development, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

PROGRAM NUMBER	OTHER COURSES		TYPE OF CREDIT*
	Course Number	Course Name	
8601900	8601900	Advanced Technology Applications	CT
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement			

8601900	ADVANCED TECHNOLOGY APPLICATIONS	
	Offered: Credit:	Grade 11, 12
	Length:	Multiple
	Prerequisite:	Year
	Type of Credit:	See Description Below CT
<p>The purpose of this course is to provide students with the opportunity to develop a project from “vision” to “reality.” Working in teams to design, engineer, manufacture, construct, test, redesign, test again, and then produce a finished “project.” This would involve using ALL of the knowledge previously learned, not only in engineering & technology education but across the curriculum.</p> <p>To enroll in Advanced Applications in Technology, a student must have:</p> <ul style="list-style-type: none"> Completed three credits of an Engineering & Technology Education Program. Received permission of the supervising Engineering & Technology Education Instructor. <p>Advanced Applications in Technology may be taken by a student for one or more semesters. A student may earn multiple credits in this course.</p>		

FINANCE CLUSTER

PROGRAM NUMBER	FINANCE		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8815100 🌀	8815150	Business Communication & Technology OR	CT	Entrepreneurship & Small Business
	8207310	Digital Information Technology	CT	
	8203310	Accounting Applications 1	CT	Intuit QuickBooks Certified User
	8203310H	Accounting Applications 1 HONORS		
	8815110	Economics & Financial Services	CT	Entrepreneurship & Small Business
	8815110H	Economics & Financial Services HONORS		
	8815120	Personal Finance	CT	
8815120H	Personal Finance HONORS			
8815130	Financial Internship	CT		
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8815150	BUSINESS COMMUNICATION & TECHNOLOGY		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This course is designed to provide an overview of current business, finance and information systems and trends and to introduce students to the foundations required for today's business environments. Emphasis is placed on developing proficiency with computer applications, so that they may be used as communication tools for enhancing personal and work place proficiency in an information-based society. This also includes proficiency with computers using databases, spreadsheets, presentation applications, financial and tax software applications and the integration of these programs using software that meets industry standards.			

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
<p>This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.</p>			

8203310	ACCOUNTING APPLICATIONS 1		Career Prep
	Offered: Credit:	Grade 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year Business Communication & Technology or Digital Information Technology	
	Type of Credit:	CT	
This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers is required.			

8203310H	ACCOUNTING APPLICATIONS 1 HONORS		Career Prep
	Offered: Credit:	Grade 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year Business Communication & Technology or Digital Information Technology	
	Type of Credit:	CT	

This honors course offers extensive experience in the accounting principles. In addition to fulfilling all requirements of Accounting Applications 1, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8815110	ECONOMICS AND FINANCIAL SERVICES		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Accounting Applications 1 CT	
This course presents basic topics in economics, including the principles and practices of banking, credit, and consumer lending in the United States. Additional emphasis is placed on money, credit and banking, economic growth and stability, characteristics of different economic systems and institutions. Students become familiar with the major functions of banks and other financial intermediaries, central banking by the Federal Reserve System, and modern trends in the finance industry. The students are also introduced to credit functions, principles of credit risk evaluation, loan creation, debt collection, and stocks and bonds.			

8815110H	ECONOMICS AND FINANCIAL SERVICES HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Accounting Applications 1 CT	
This honors course offers extensive experience in Finance. In addition to fulfilling all requirements of Economics and Financial Services, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8815120	PERSONAL FINANCE		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Economics & Financial Services CT	
This course is designed to develop an awareness of the need for care and organization in planning for the wise use of economic resources and financial products available through a study of savings, credit, insurance, banking, and financial goals. Students are provided with the concepts necessary to understand international trade as well as career opportunities offered by lending institutions.			

8815120H	PERSONAL FINANCE HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Economics & Financial Services CT	
This honors course offers extensive experience in Finance. In addition to fulfilling all requirements in Personal Finance, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8815130	FINANCIAL INTERNSHIP		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Economics & Financial Services CT	
This course provides students with authentic learning experiences in which they demonstrate human relations, technical, communication, and career development skills through entry level employment in the financial services industry. Through hands-on project management, major tasks outlined in a training plan, mentors supervise student learning in specific skill attainment and professional development. Students earn high school credit and financial compensation.			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8501420	8501420	Finance Cooperative Education OJT
8501000	8501000	Finance Directed Study *
8500120	8500120	Personal Financial Literacy

**Students should not be placed in these classes unless they are program completers (three sequential courses)*

8501420	FINANCE		Career Prep
	COOPERATIVE EDUCATION OJT		
	Offered:	Grade 10, 11, 12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Enrollment in or Completion of a Finance Career Prep Program	
	Type of Credit:	CT	
This course provides the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed.			

8501000	FINANCE DIRECTED STUDY	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of a Finance Career Prep Program CT
This course provides students with learning opportunities in a prescribed program of study within the Finance cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Finance career cluster.		

8500120	PERSONAL FINANCIAL LITERACY	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	PL
<p>This course gives students an overview of personal and family finance concepts including the American economic system, personal and family management of resources including income, money management, saving and investing, spending and credit, the role of financial institutions and the consumer, consumer information and taxation and financial planning.</p> <p>The purpose of this course is to give students an overview of personal and family finance concepts including the American economic system, personal and family management of resources including income, money management, saving and investing, spending and credit, the role of financial institutions and the consumer, consumer information and taxation and financial planning.</p>		

GOVERNMENT & PUBLIC ADMINISTRATION CLUSTER

PROGRAM NUMBER	EMERGENCY PLANNING AND RESPONSE		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8602000 ✳	8602010	Emergency Planning and Response 1	CT	
	8602020	Emergency Planning and Response 2	CT	
	8602030	Emergency Planning and Response 3	CT	
	8602040	Emergency Planning and Response 4	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement; VO = CTE Elective				

8602010	EMERGENCY PLANNING & RESPONSE 1		Career Prep
	Offered: Credit:	Grade 9, 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	None	
		CT	
This course is designed to develop competencies in first responder situations such as basic emergency planning, concepts of public safety, communication skills, computer literacy, and career-related math.			

8602020	EMERGENCY PLANNING & RESPONSE 2		Career Prep
	Offered: Credit:	Grade 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Emergency Planning & Response 1 CT	
This course is designed to develop an understanding of the National Response Plan, the National Incident Management System, critical infrastructure protection process, law and ethics for first responders, communications, and first aid.			

8602030	EMERGENCY PLANNING & RESPONSE 3		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Emergency Planning & Response 2 CT	
This course is designed to develop leadership skills in emergency management, knowledge of search and rescue techniques, dealing with terrorism, and firefighting.			
8602040	EMERGENCY PLANNING & RESPONSE 4		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Emergency Planning & Response 3 CT	
This course is designed to develop competencies in employability skills, understanding public policy and regulatory issues, the psychological impacts of dealing with death and injuries, understanding of human diversity and. The student will develop and produce a capstone project based on an extensive research activity in emergency planning and response and also plan participate in mock disasters.			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8900330	8900330	Principles of Public Service
8601420	8601420	Government & Public Administration Cooperative Education OJT
8603000	8603000	Government & Public Administration Directed Study

8900330	PRINCIPLES OF PUBLIC SERVICE	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9,10,11, 12 1.0 Year None CT
This course is designed to familiarize a student with careers in the public service professions. Emphasis also in money management, employability/entrepreneurship skills, technology, math/communication skills, and basic first aid/CPR as well as awareness of blood borne pathogens.		

8601420	GOVERNMENT & PUBLIC ADMINISTRATION COOPERATIVE EDUCATION OJT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10,11, 12 Multiple Year Enrollment in or Completion of a Government & Public Administration Career Prep Program CT	
This course provides the Government and Public Administration on-the-job training component for when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed.			

8603000	GOVERNMENT & PUBLIC ADMINISTRATION DIRECTED STUDY		
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of a Government & Public Administration Career Prep Program CT	
This course provides students with learning opportunities in a prescribed program of study within the Government and Public Administration cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Government and Public Administration career cluster.			

HEALTH SCIENCE CLUSTER

PROGRAM NUMBER	ALLIED HEALTH ASSISTING		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8417130 ⚙️	8417100 8417100H	**Health Science Anatomy & Physiology **Health Science Anatomy & Physiology HONORS	EQ	
	8417110 8417110H	Health Science Foundations Health Science Foundations HONORS	CT	Certified Medical Administrative Assistant (CMAA)
	8417131	Allied Health Assisting 3	CT	EKG Technician National Certified Patient Care Technician (NCPCT)

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

***The course Anatomy and Physiology (2000350) may be substituted for the course Health Science Anatomy & Physiology (8417100); Anatomy and Physiology Honors (2000360H) may be substituted for the course Health Science Anatomy & Physiology Honors (8417100H).*

8417100	HEALTH SCIENCE ANATOMY & PHYSIOLOGY		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course.			

8417100	HEALTH SCIENCE ANATOMY & PHYSIOLOGY HONORS		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Anatomy & Physiology, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8417110	HEALTH SCIENCE FOUNDATIONS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	CT	
This course is part of the Secondary Health Core designed to provide the student with an in-depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem-solving skills. Students may shadow professionals throughout the course.			

8417110H	HEALTH SCIENCE FOUNDATIONS HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10,11,12 1.0 Year Health Science Anatomy & Physiology CT	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Foundations, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8417131	ALLIED HEALTH ASSISTING 3		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11,12 1.0 Year Health Science Foundations CT	
In this course students will perform skills representative of one to three areas of allied health care in the laboratory and clinical settings. Major areas of allied health are defined as physical therapy, emergency, radiation, laboratory and respiratory medicine, and occupational therapy. Other areas of health, medicine, dentistry, or veterinary may be included with instructor provided competencies.			

PROGRAM NUMBER	BIOMEDICAL SCIENCES		CREDIT TYPE*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8708100 ✱	8708110 8708110H	Principles of Biomedical Sciences Principles of Biomedical Sciences HONORS	EQ	PMI Project Ready
	8708120 8708120H	Human Body Systems Human Body Systems HONORS	EQ	
	8708130 8708130H	Medical Interventions Medical Interventions HONORS	EQ	Certified Medical Administrative Assistant (CMAA)
	8708140 8708140H	Biomedical Innovation Biomedical Innovation HONORS	CT	BACE

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

8708110	PRINCIPLES OF BIOMEDICAL SCIENCES		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
Students investigate the human body systems and various health conditions. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. Students are introduced to human physiology, medicine, research processes and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated.			

8708110H	PRINCIPLES OF BIOMEDICAL SCIENCES HONORS		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Principles of Biomedical Sciences, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8708120	HUMAN BODY SYSTEMS		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Principles of Biomedical Sciences	
	Type of Credit:	EQ	
Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real-world cases and often play the role of biomedical professionals to solve medical mysteries.			

8708120H	HUMAN BODY SYSTEMS HONORS		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Principles of Biomedical Sciences	
	Type of Credit:	EQ	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Human Body Systems, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8708130	MEDICAL INTERVENTIONS		Career Prep
	Offered:	Grade 11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Human Body Systems	
	Type of Credit:	EQ	
Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a “How-To” manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.			

8708130H	MEDICAL INTERVENTIONS HONORS		Career Prep
	Offered:	Grade 11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Human Body Systems	
	Type of Credit:	EQ	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Medical Interventions, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8708140	BIOMEDICAL INNOVATION		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Medical Interventions	
	Type of Credit:	CT	
In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health.			

8708140H	BIOMEDICAL INNOVATION HONORS		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Medical Interventions	
	Type of Credit:	CT	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Biomedical Innovation, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM NUMBER	DENTAL AIDE		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8417140 ☼	8417100	**Health Science Anatomy & Physiology	EQ	
	8417100H	**Health Science Anatomy & Physiology HONORS		CMAA
	8417110 8417110H	Health Science Foundations Health Science Foundations HONORS	CT	
	8417141	Dental Aide 3	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				
**The course Anatomy and Physiology (2000350) may be substituted for the course Health Science Anatomy & Physiology (8417100); Anatomy and Physiology Honors (2000360H) may be substituted for the course Health Science Anatomy & Physiology Honors (8417100H).				

8417100	HEALTH SCIENCE ANATOMY & PHYSIOLOGY		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course.			

8417100H	HEALTH SCIENCE ANATOMY & PHYSIOLOGY HONORS		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Anatomy & Physiology, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8417110	HEALTH SCIENCE FOUNDATIONS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	CT	
This course is part of the Secondary Health Core designed to provide the student with an in-depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem-solving skills. Students may shadow professionals throughout the course.			

8417110H	HEALTH SCIENCE FOUNDATIONS HONORS	Career Prep		
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	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10,11,12 1.0 Year Health Science Anatomy & Physiology CT
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Foundations, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		
8417141	DENTAL AIDE 3	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Health Science Foundations CT
This course provides classroom theory and practical application in tasks related to dental office asepsis and sterilization and disinfection procedures in the dental environment. It is designed to prepare completers for employment as dental aides specializing as dental sterilization technicians. It also provides an introduction to dentistry and dental assisting.		

PROGRAM NUMBER	EXERCISE SCIENCE		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8417000 ⚙️	8417100	**Health Science Anatomy & Physiology	EQ	
	8417100H	**Health Science Anatomy & Physiology HONORS		
	8417110	Health Science Foundations	CT	CMAA
	8417110H	Health Science Foundations HONORS	CT	
	8417120	Exercise Science	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				
**The course Anatomy and Physiology (2000350) may be substituted for the course Health Science Anatomy & Physiology (8417100); Anatomy and Physiology Honors (2000360H) may be substituted for the course Health Science Anatomy & Physiology Honors (8417100H).				

8417100	HEALTH SCIENCE ANATOMY & PHYSIOLOGY	Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9,10,11,12 1.0 Year None EQ
This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course.		

8417100H	HEALTH SCIENCE ANATOMY & PHYSIOLOGY HONORS	Career Prep
	Offered: Credit: Length: Prerequisite:	Grade 9,10,11,12 1.0 Year None

Type of Credit:	EQ
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Anatomy & Physiology, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.	

8417110	HEALTH SCIENCE FOUNDATIONS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	CT	
This course is part of the Secondary Health Core designed to provide the student with an in-depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem-solving skills. Students may shadow professionals throughout the course.			

8417110H	HEALTH SCIENCE FOUNDATIONS HONORS		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	CT	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Foundations, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8417120	EXERCISE SCIENCE		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Foundations	
	Type of Credit:	CT	
This course prepares students to be employed as Personal Trainers. Content includes, but not limited to, identifying and practicing within the appropriate scope of practice for a personal trainer, develop and implement exercise programs for apparently healthy individuals or those who have medical clearance to exercise, proficiency in the appropriate fitness equipment used, as well as a foundation in the musculo-skeletal system of the body.			

PROGRAM NUMBER	EMERGENCY MEDICAL RESPONDER		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8417170 ✱	8417100 8417100H	**Health Science Anatomy & Physiology **Health Science Anatomy & Physiology HONORS	EQ	
	8417110 8417110H	Health Science Foundations Health Science Foundations HONORS	CT	CMAA
	8417171 8417171H	Emergency Medial Responder 3 Emergency Medical Responder 3 HONORS	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				
**The course Anatomy and Physiology (2000350) may be substituted for the course Health Science Anatomy & Physiology (8417100); Anatomy and Physiology Honors (2000360H) may be substituted for the course Health Science Anatomy & Physiology Honors (8417100H).				

8417100	HEALTH SCIENCE ANATOMY & PHYSIOLOGY		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course.			

8417100H	HEALTH SCIENCE ANATOMY & PHYSIOLOGY HONORS		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Anatomy & Physiology, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8417110	HEALTH SCIENCE FOUNDATIONS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	CT	
This course is part of the Secondary Health Core designed to provide the student with an in-depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem-solving skills. Students may shadow professionals throughout the course.			

8417110H	HEALTH SCIENCE FOUNDATIONS HONORS		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	CT	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Foundations, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8417171	EMERGENCY MEDICAL RESPONDER		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Foundations	
	Type of Credit:	CT	

This course prepares students to be employed as Emergency Medical Responders. Content includes, but not limited to, identifying and practicing within the appropriate scope of practice for an Emergency Medical Responder, demonstrating correct medical procedures for various emergency situations, proficiency in the appropriate instruments used, as well as a foundation in the musculo-skeletal system of the body.

8417171H	EMERGENCY MEDICAL RESPONDER HONORS		Career Prep
	Offered:	Grade 11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Foundations	
	Type of Credit:	CT	

This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Emergency Medical Responder, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

PROGRAM NUMBER	NURSING ASSISTANT		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8417210 ✱	8417100	** Health Science Anatomy & Physiology	EQ	
	8417100H	** Health Science Anatomy & Physiology HONORS		
	8417110	Health Science Foundations	CT	CMAA CPCT
	8417110H	Health Science Foundations HONORS		
	8417211	Nursing Assistant 3	CT	CNA
	8417211H	Nursing Assistant 3 HONORS		

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

******The course *Anatomy and Physiology (2000350)* may be substituted for the course *Health Science Anatomy & Physiology (8417100)*; *Anatomy and Physiology Honors (2000360H)* may be substituted for the course *Health Science Anatomy & Physiology Honors (8417100H)*.

8417100	HEALTH SCIENCE ANATOMY & PHYSIOLOGY		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	

This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course.

8417100H	HEALTH SCIENCE ANATOMY & PHYSIOLOGY HONORS		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	

This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Anatomy & Physiology, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8417110	HEALTH SCIENCE FOUNDATIONS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	CT	
This course is part of the Secondary Health Core designed to provide the student with an in-depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem-solving skills. Students may shadow professionals throughout the course.			

8417110H	HEALTH SCIENCE FOUNDATIONS HONORS		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	CT	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Foundations, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8417211	NURSING ASSISTANT 3		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Foundations	
	Type of Credit:	CT	
This is a course designed to prepare the student to provide/assist with all aspects of activities of daily living for the adult patient in both hospital and nursing home settings. The course, which is taught by a registered nurse, includes didactic instruction, skills practice in the laboratory and clinical experience. Emphasis is also placed on the development of communication, interpersonal, problem solving and critical thinking skills.			

8417211H	NURSING ASSISTANT 3 HONORS		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Foundations	
	Type of Credit:	CT	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Nursing Assistant 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM	OTHER COURSES	
NUMBER	Course Number	Course Name
8400410	8400410	Health Science Cooperative Education OJT
8400100	8400100	Health Science Directed Study *
8400320	8400320	Medical Skills & Services

**Students should not be placed in these classes unless they are program completers (three sequential courses)*

8400410	HEALTH SCIENCE COOPERATIVE EDUCATION OJT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10,11,12 Multiple Year Enrollment in or Completion of a Health Science Career Prep Program CT	
This course provides a Health Science on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. <i>The student must be compensated for work.</i>			

8400100	HEALTH SCIENCE EDUCATION DIRECTED STUDY	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11,12 Multiple Year Completion of a Health Science Career Prep Program VO
This course provides students with learning opportunities in a prescribed program of study within the Health Science cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Health Science career cluster.		

8400320	MEDICAL SKILLS & SERVICES	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	CT
This course provides students with practical generic skills in health science education. The student will be able to describe services by provided by health occupations career clusters; demonstrate basic health skills, including first aid and CPR; understand responsible consumer decision making regarding health screening and health care management; discuss legal aspects for the health consumer; and identify the use of computers and technology in the health care field.		

HOSPITALITY & TOURISM CLUSTER

PROGRAM NUMBER	CULINARY ARTS		TYPE OF CREDIT*	INDUSTRY CREDENTIAL
	Course Number	Course Name		
8800500 ☼	8800510	Culinary Arts 1	CT	ServSafe - Certified Food Protection Manger
	8800520	Culinary Arts 2	CT	Food Safety Manager and/or ServSafe
	8800530	Culinary Arts 3	CT	
	8800530H	Culinary Arts 3 HONORS		
	8800540	**TRACK 1: Culinary Arts 4 - <i>Culinary and Hospitality Management</i>	CT	
	8800540H	Culinary Arts 4 – <i>Culinary and Hospitality Management</i> HONORS		
	8800550	**TRACK 2: Culinary Arts 4 - <i>Advanced Baking Techniques</i>	CT	
	8800550H	Culinary Arts 4 - <i>Advanced Baking Techniques</i> HONORS		
	8800560	**TRACK 3: Culinary Arts 4 - <i>Gastronomy and Garde Manger</i>	CT	
	8800560H	Culinary Arts 4 - <i>Gastronomy and Garde Manger</i> HONORS		
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement **Culinary 4 offers multiple tracks. Please select one area of concentration (each track is a year-long course).				

8800510	CULINARY ARTS 1		Career Prep
	Offered: Credit:	Grade 9, 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	None CT	

This course is designed to provide students with competencies basic to a cluster of occupations in the food service industry and to develop skills, knowledge, and attitude for success and advancement in a specialized occupational proficiency program. Course content includes employability skills, qualifications and career opportunities; introduction to operational procedures; basics of nutrition; characteristics and functions of types of food service establishments; safety, sanitation, security, and storage procedures; identifications, use, care and storage of commercial tools and equipment; cooking terms and vocabulary; standard and metric measurements; food preparation; and rules and regulations governing the food industry.

8800520	CULINARY ARTS 2		Career Prep
	Offered: Credit:	Grade 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Culinary Arts 1 CT	

This course has increased laboratory instruction and activities so students may develop their skills in using commercial equipment and tools safely and quickly in the preparation of food. Instructional units include planning, scheduling, and simplifying work patterns; cost and portion control; customer relations; management of time, energy, space; and using standard recipes.

8800530	CULINARY ARTS 3		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Culinary Arts 2 CT	

This course includes content in the preparation and presentation of the food that has been prepared; preserving the nutritive values of food; following standard recipes for quality control; serving quantity foods; receiving, storing, and issuing foods and supplies; taking inventories, and keeping records; and maintaining clean food preparation and service areas.

8800530H	CULINARY ARTS 3 HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Culinary Arts 2 CT	

This honors course offers extensive experience in culinary arts. In addition to fulfilling all requirements of Culinary Arts 3, students participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8800540	CULINARY ARTS 4/TRACK 1		Career Prep
	CULINARY & HOSPITALITY MANAGEMENT		
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Culinary Arts 3	
		CT	

This course provides opportunities for students to apply their acquired knowledge and skills in culinary related scenarios. Track 1 focuses on Culinary and Hospitality Management. This is a culminating course to develop advanced culinary techniques and skills. Students learn using modern technology and culinary trends. To complete the program, students must complete either Track 1 or Track 2 or Track 3. Students may complete more than one track.

8800540H	CULINARY ARTS 4 HONORS/TRACK 1		Career Prep
	CULINARY & HOSPITALITY MANAGEMENT		
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Culinary Arts 3	
		CT	

This honors course offers extensive experience in culinary arts. In addition to fulfilling all requirements of Culinary Arts 4/Track 1, students participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

8800550	CULINARY ARTS 4/TRACK 2 ADVANCED BAKING TECHNIQUES		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Culinary Arts 3 CT	
<p>This course provides opportunities for students to apply their acquired knowledge and skills in culinary related scenarios. This feature enables instruction in three key culinary disciplines. Track 2 focuses on Advanced Baking Techniques. This is a culminating course to develop advanced culinary techniques and skills. Students learn using modern technology and culinary trends. To complete the program, students must complete either Track 1 or Track 2 or Track 3. Students may complete more than one track.</p>			

8800550H	CULINARY ARTS 4 HONORS/TRACK 2 ADVANCED BAKING TECHNIQUES		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Culinary Arts 3 CT	
<p>This honors course offers extensive experience in culinary arts. In addition to fulfilling all requirements of Culinary Arts 4/Track 2, students participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.</p>			

8800560	CULINARY ARTS 4/TRACK 3 GASTRONOMY & GARDE MANGER		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Culinary Arts 3 CT	
<p>This course provides opportunities for students to apply their acquired knowledge and skills in culinary related scenarios. This feature enables instruction in three key culinary disciplines. Track 3 focuses on Gastronomy and Garde Manger Skills. This is a culminating course to develop advanced culinary techniques and skills. Students learn using modern technology and culinary trends. To complete the program, students must complete either Track 1 or Track 2 or Track 3. Students may complete more than one track.</p>			

8800560H	CULINARY ARTS 4 HONORS/TRACK 3 GASTRONOMY & GARDE MANGER		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Culinary Arts 3 CT	
<p>This honors course offers extensive experience in culinary arts. In addition to fulfilling all requirements of Culinary Arts 4/Track 3, students participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.</p>			

PROGRAM NUMBER	HOSPITALITY AND TOURISM MANAGEMENT		TYPE OF CREDIT*	INDUSTRY CREDENTIAL
	Course Number	Course Name		
8703100 ✳	8850110	Introduction to Hospitality & Tourism	CT	ServSafe - Certified Food Protection Manger
	8703110	Technology for Hospitality & Tourism	CT	
	8703120	Hospitality & Tourism Marketing Management	CT	
	8845130	Hospitality & Tourism Internship	CT	
	8703130	Hospitality & Tourism Entrepreneurship	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement; VO = CTE Elective				

8850110	INTRODUCTION TO HOSPITALITY & TOURISM		Career Prep
	Offered: Credit:	Grade 9,10,11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	None CT	
This course introduces students to the skills necessary for success in the hospitality and tourism industry. Students will also have the opportunity to learn hospitality and tourism terminology and the mathematical, economic, marketing, and sales fundamentals of the industry.			

8703120	TECHNOLOGY FOR HOSPITALITY & TOURISM		Career Prep
	Offered: Credit:	Grade 10,11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Introduction to Hospitality & Tourism CT	
This course is designed to provide an introduction to computer technology and to develop entry-level skills for computer-related careers in the hospitality & tourism industry.			

8703130	HOSPITALITY & TOURISM MARKETING MANAGEMENT		Career Prep
	Offered: Credit:	Grade 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Technology for Hospitality & Tourism CT	
This course provides students necessary career specific instruction in hospitality and tourism marketing management. Students will learn sales and management techniques, marketing principles, and entrepreneurship skills necessary to succeed in the hospitality and tourism industry. This course incorporates marketing and management principles and procedures of the hospitality and tourism industry as well as employment qualifications and opportunities.			

8845130	HOSPITALITY & TOURISM INTERNSHIP		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Hospitality & Tourism Marketing Management CT	
This course provides students the opportunity to demonstrate human relations, communications, and employability skills necessary for entry-level employment in the hospitality & tourism industry. Additionally, it will enhance the instruction and competencies developed through classroom instruction.			

8703130	HOSPITALITY & TOURISM ENTREPRENEURSHIP		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Hospitality & Tourism Internship CT	
This course provides students with the academic and technical preparation to pursue high-demand and high-skill careers in hospitality related industries. In addition, this course is designed so that performance standards meet employer expectations, enhancing the employability of students.			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8800420	8800420	Hospitality & Tourism Cooperative Education OJT
8801000	8801000	Hospitality & Tourism Directed Study *
8500355	8500355	Nutrition & Wellness
8500390	8500390	Principles of Food

**Students should not be placed in these classes unless they are program completers (three sequential courses)*

8800420	HOSPITALITY & TOURISM COOPERATIVE EDUCATION OJT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 Multiple Year Enrollment in or Completion of a Hospitality & Tourism Career Prep Program CT	
This course provides a Hospitality and Tourism on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. <i>The student must be compensated for work performed.</i>			

8801000	HOSPITALITY & TOURISM DIRECTED STUDY	
	Offered: Credit: Length: Prerequisite:	Grade 11, 12 Multiple Year Completion of Hospitality & Tourism Career Prep Program
	Type of Credit:	CT
This course provides students with learning opportunities in a prescribed program of study within the Hospitality and Tourism cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Hospitality and Tourism career cluster.		

8500355	NUTRITION & WELLNESS	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 .5 Semester None CT
This course is designed to prepare students to understand the relationship between nutrition and wellness. The program also provides for selection, preparation, service, and storage of foods. It allows students to use technology to practice meal management techniques directed toward nutritional food choices based on the life cycle. This course will provide an awareness of consumer issues relating to health and wellness.		

8500390	PRINCIPLES OF FOOD	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 .5 Semester None CT
This course is designed to prepare students to understand the principles of food preparation, selection and storage, basic food preparation and selection of food services.		

INFORMATION TECHNOLOGY CLUSTER

PROGRAM NUMBER	APPLIED CYBERSECURITY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9001300 ✳	8207310	Digital Information Technology	CT	HMTL & CSS
	9001310	IT Fundamentals	CT	ITS Network Security
	9001320	Computer & Network Security Fundamentals	CT	ITS Device Config. & Mgmt.
	9001320H	Computer & Network Security Fundamentals HONORS		
	9001330 9001330H	Cybersecurity Essentials Cybersecurity Essentials HONORS	CT	
	9001340 9001340H	Operational Cybersecurity Operational Cybersecurity HONORS	CT	ITS Networking and/or Cisco CCST Cyber Security

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement; VO = CTE Elective

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.

9001310	IT FUNDAMENTALS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks.

9001320	COMPUTER AND NETWORK SECURITY FUNDAMENTALS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	IT Fundamentals or Digital Information Technology	
	Type of Credit:	CT	

This course introduces students to Cybersecurity and provides them with essential computer and networking knowledge and skills, particularly those related to Cybersecurity.

9001320H	COMPUTER AND NETWORK SECURITY FUNDAMENTALS HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year IT Fundamentals or Digital Information Technology CT	
This honors course offers extensive experience in Applied Cybersecurity. In addition to fulfilling all requirements of Computer and Network Security Fundamentals, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9001330	CYBERSECURITY ESSENTIALS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Computer & Network Security Fundamentals CT	
This course provides students with insight into the many variations of vulnerabilities, attack mechanisms, intrusion detection systems, and some methods to mitigate Cybersecurity risks, including certificate services and cryptographic systems.			

9001330H	CYBERSECURITY ESSENTIALS HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Computer & Network Security Fundamentals CT	
This honors course offers extensive experience in Applied Cybersecurity. In addition to fulfilling all requirements of Cybersecurity Essentials, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9001340	OPERATIONAL CYBERSECURITY		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Cybersecurity Essentials CT	
This course provides students with insight into the many ways in which computer systems can be secured, countermeasures implemented, and risk assessment performed.			

9001340H	OPERATIONAL CYBERSECURITY HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Cybersecurity Essentials CT	
This honors course offers extensive experience in Applied Cybersecurity. In addition to fulfilling all requirements of Operational Cybersecurity, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM NUMBER	APPLIED INFORMATION TECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9003400 ✱	8207310	Digital Information Technology OR	CT	
	9003410	Computer Fundamentals	CT	
	9003420	Web Technologies	CT	
	9003430 9003430H	IT Systems & Applications IT Systems & Applications HONORS	CT	Comp Tia - IT Fundamentals
	9003440	Database Essentials	CT	
	9003450 9003450H	Programming Essentials Programming Essentials HONORS	CT	
	9003460	Web Development Technologies	CT	
	9003470 9003470H	Multimedia Technologies Multimedia Technologies HONORS	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	
This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.			

9003410	COMPUTER FUNDAMENTALS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	
This course introduces students to the essential concepts, components, terminology and knowledge about computers, computer systems, peripherals and networks.			

9003420	WEB TECHNOLOGIES		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Computer Fundamentals or Digital Information Technology CT	
In this course students will learn fundamental principles of web page design, planning and formulating an effective web site, use web development tools and techniques, learn specialized web design software, prepare and launch web content and sites.			

9003420H	WEB TECHNOLOGIES HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	

	Credit:	1.0
	Length:	Year
	Prerequisite:	Computer Fundamentals or Digital Information Technology
	Type of Credit:	CT
This honors course offers extensive experience in Applied Information Technology. In addition to fulfilling all requirements of Web Technologies, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

9003430	IT SYSTEMS AND APPLICATIONS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Web Technologies	
	Type of Credit:	CT	
This course introduces students to the essential concepts and components of motherboards and CPU's, perform installation and configuration activities, use problem diagnostics protocols and problem resolution through wireless, infrared, telephone, e-mail, remote access, or direct contact, learn presentation production issues, learn essentials of troubleshooting, repair and maintenance of computers, and basic principles of security concepts and technologies and other concepts.			

9003430H	IT SYSTEMS AND APPLICATIONS HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Web Technologies	
	Type of Credit:	CT	
This honors course offers extensive experience in Applied Information Technology. In addition to fulfilling all requirements of IT Systems and Applications, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9003440	DATABASE ESSENTIALS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	IT Systems & Applications	
	Type of Credit:	CT	
This course will teach an awareness of the changes taking place in the information age and how they fit into an evolving society, gain an understanding of the "big picture" of database design and how to best organize data according to business rules and/or client needs, learn the process of creating an entity by identifying relationships, formulate and assemble initial entity relationship by expanding on modeling concepts, learn advanced data constructs by analyzing business requirements and diagramming entities and relationships and other fundamental concepts and practices of database development/management.			

9003440H	DATABASE ESSENTIALS HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	IT Systems & Applications	
	Type of Credit:	CT	
This honors course offers extensive experience in Applied Information Technology. In addition to fulfilling all requirements of Database Essentials, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9003450	PROGRAMMING ESSENTIALS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Database Essentials	
	Type of Credit:	CT	

This course is designed to teach students how to plan program design, code and test programs. Students learn how to perform program maintenance, develop an understanding and awareness of software quality assurance, programming techniques and concepts and design structured programs.

9003450H	PROGRAMMING ESSENTIALS HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Database Essentials	
	Type of Credit:	CT	

This honors course offers extensive experience in Applied Information Technology. In addition to fulfilling all requirements of Programming Essentials, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

9003460	WEB DEVELOPMENT TECHNOLOGIES		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Programming Essentials	
	Type of Credit:	CT	

This course teaches students the essential concepts in page design applicable to the WWW including using WYSIWG editor, web design or web animation software, digital photography and digital imaging; an understanding of how website performance is monitored and analyzed; and the skills to be able to host a website.

9003460H	WEB DEVELOPMENT TECHNOLOGIES HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Programming Essentials	
	Type of Credit:	CT	

This honors course offers extensive experience in Applied Information Technology. In addition to fulfilling all requirements of Web Development Technologies, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

9003470	MULTIMEDIA TECHNOLOGIES		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Web Development Technologies	
	Type of Credit:	CT	

In this course, students will learn presentation production issues, be able to use digital photography and digital imaging, and basic video production. Students will also learn to set-up and configure a computer for video applications, perform basic operations of a video workstation and audio production and applications.

9003470H	<div>MULTIMEDIA TECHNOLOGIES HONORS</div> <div>Career Prep</div>	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Web Development Technologies CT
This honors course offers extensive experience in Applied Information Technology. In addition to fulfilling all requirements of Multimedia Technologies, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.		

PROGRAM NUMBER	ARTIFICIAL INTELLIGENCE (AI)		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9401100 ✳	9401010	Artificial Intelligence in the World	CT	
	9401020	Applications of Artificial Intelligence	CT	Microsoft Certified: Azure AI Fundamentals
	9401030	Procedural Programming	CT	ITS Python Cert.
	9401040	Foundations of Machine Learning	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement; VO = CTE Elective				

9401010	ARTIFICIAL INTELLIGENCE IN THE WORLD	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	CT
This course introduces students to the principles of Artificial Intelligence (AI). The course defines “Intelligent Behavior”, describes the relationship between AI and computer science, explains the history of AI and showcases applications of AI in the real world. Students will explore the role of data in AI applications and the algorithms which guide AI decision making. Students will learn about the role of perception in AI and how AI agents use information in decision making. Students will engage in hands-on activities related to use of AI in machine learning as well as ethics in AI applications.		

9401020	APPLICATIONS OF ARTIFICIAL INTELLIGENCE	
	Offered:	Grade 10, 11, 12
	Credit:	.5
	Length:	Semester
	Prerequisite:	Artificial Intelligence in the World
	Type of Credit:	CT
This course assists students in deepening understanding for application of AI and to explore methods and tools utilized to build AI models. The content includes but is not limited to foundational knowledge and skills related to methods and software used to develop AI applications using data sets. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.		

9401030	PROCEDURAL PROGRAMMING	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Applications of Artificial Intelligence
	Type of Credit:	CT
This course continues the study of computer programming concepts with a focus on the creation of software applications employing procedural programming techniques.		

9401040	FOUNDATIONS OF MACHINE LEARNING	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Procedural Programming CT
This course provides students with core foundational knowledge to deepen understanding of machine learning (ML) practices and applications. This course builds understanding of the mathematical foundation needed to create algorithms for use in artificial intelligence and machine learning. The content includes but is not limited to foundational knowledge and skills related to computer coding and software development. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.		

PROGRAM NUMBER	GAME/SIMULATION/ANIMATION PROGRAMMING		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8208300 ⚙️	8207310	Digital Information Technology OR	CT	HTML-CSS
	8208110	Game & Simulation Foundations	CT	Certified Internet Web (CIW) Multimedia Specialist
	8208120	Game & Simulation Design	CT	ToonBoom - Storyboard Pro
	8208330 8208330H	Game & Simulation Programming Game & Simulation Programming HONORS	CT	Unity Certified User: Programmer
	8208340 8208340H	Multi-User Game & Simulation Programming Multi-User Game & Simulation Programming HONORS	CT	Unity Certified User: VR Developer
	*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement			

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	
This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheet, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.			

8208110	GAME AND SIMULATION FOUNDATIONS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This course is designed to introduce game and simulation concepts and careers; the impact game and simulation has on society and industry; and basic game/simulation design concepts, such as rule design, play mechanics, and media integration. This course compares and contrasts games and simulations, key development methodologies and tools, careers, and industry-related information. This course also covers strategies, processes, and methods for conceptualizing a game or simulation application, storyboarding techniques, and development tools. Hands-on activities using an entry-level game development tool will result in the creation of a playable game.			

8208120	GAME AND SIMULATION DESIGN		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Foundations	
	Type of Credit:	CT	
This course covers fundamental principles of designing a game or a simulation application, in particular Human Computer Interface (HCI) principles, rules and strategies of play, conditional branching, design and development constraints, use of sound and animation, design tools, and implementation issues. The content includes market research, product design documentation, storyboarding, proposal development, and presentation of a project report. Emphasis is placed on the techniques needed to develop well-documented, structured game or simulation programs. Extensive use is made of evaluating and analyzing existing games or simulations. Hands-on activities using an entry-level game development tool will result with the creation and presentation of a playable game with design documentation.			

8208330	GAME AND SIMULATION PROGRAMMING		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Design	
	Type of Credit:	CT	
This course focuses on students acquiring the appropriate programming skills for rendering a game or simulation product, including program control, conditional branching, memory management, score-keeping, timed event strategies and methodologies, and implementation issues.			

8208330H	GAME AND SIMULATION PROGRAMMING HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Design	
	Type of Credit:	CT	
This honors course offers extensive experience in Game and Simulation Programming. In addition to fulfilling all requirements of Game and Simulation Programming, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8208340	MULTI-USER GAME AND SIMULATION PROGRAMMING		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Programming	
	Type of Credit:	CT	
This course is focused on students acquiring the appropriate programming skills for rendering a game or simulation product, including program control, conditional branching, score-keeping, timed event strategies and methodologies, and implementation issues specific to multi-user game/simulation products.			

8208340H	MULTI-USER GAME AND SIMULATION PROGRAMMING HONORS		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Programming	
	Type of Credit:	CT	
This honors course offers extensive experience in Multi-user Game and Simulation Programming. In addition to fulfilling all requirements of Multi-user Game and Simulation Programming, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM NUMBER	GAME/SIMULATION/ANIMATION VISUAL DESIGN		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8208100 ✱	8207310	Digital Information Technology OR	CT	HTML-CSS
	8208110	Game & Simulation Foundations	CT	Certified Internet Web (CIW) Multimedia Specialist
	8208120	Game & Simulation Design	CT	ToonBoom - Storyboard Pro
	8208130	Game & Simulation Graphic Artist	CT	Unity Certified User: Artist
	8208140	Game & Simulation 3D Animator	CT	TBD
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today’s business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheet, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.			

8208110	GAME AND SIMULATION FOUNDATIONS		Career Prep
	Offered:	Grade9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This course is designed to introduce game and simulation concepts and careers; the impact game and simulation has on society and industry; and basic game/simulation design concepts, such as rule design, play mechanics, and media integration. This course compares games and simulations, key development methodologies and tools, careers, and industry-related information. This course also covers strategies, processes, and methods for conceptualizing a game or simulation application, storyboarding techniques, and development tools. Hands-on activities using an entry-level game development tool will result in the creation of a playable game.			

8208120	GAME AND SIMULATION DESIGN		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Foundations	
	Type of Credit:	CT	
<p>This course covers fundamental principles of designing a game or a simulation application, in particular Human Computer Interface (HCI) principles, rules and strategies of play, conditional branching, design and development constraints, use of sound and animation, design tools, and implementation issues. The content includes market research, product design documentation, storyboarding, proposal development, and presentation of a project report. Emphasis is placed on the techniques needed to develop well-documented, structured game or simulation programs. Extensive use is made of evaluating and analyzing existing games or simulations. Hands-on activities using an entry-level game development tool will result with the creation and presentation of a playable game with design documentation.</p>			

8208130	GAME AND SIMULATION GRAPHIC ARTIST		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Design	
	Type of Credit:	CT	
This course is focused on students acquiring skills to create, refine, and integrate realistic 2D graphics into a game or simulation product. Students will essentially learn how to use a graphic software package, file maintenance strategies, and migration techniques and issues.			

8208140	GAME AND SIMULATION 3D ANIMATOR		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Graphic Artist	
	Type of Credit:	CT	
This course is focused on students acquiring skills to create, refine, and integrate realistic 2D graphics into a game or simulation product. Students will essentially learn how to use a graphic software package, file maintenance strategies, and migration techniques and issues.			

PROGRAM NUMBER	JAVA DEVELOPMENT AND PROGRAMMING		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9007200 ✱	8207310	Digital Information Technology	CT	ITS -HTML - CSS
	9007210 9007210H	Foundations of Programming Foundations of Programming HONORS	CT	ITS Python
	9007220 9007220H	Procedural Programming Procedural Programming HONORS	CT	ITS Python
	9007230 9007230H	Object-Oriented Programming Fundamentals Object-Oriented Programming Fundamentals HONORS	CT	
	9007240 9007240H	Java Programming Essentials Java Programming Essentials HONORS	CT	ITS - Java
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheet, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.

9007210	FOUNDATIONS OF PROGRAMMING		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Information Technology	
	Type of Credit:	CT	

This course introduces concepts, techniques, and processes associated with computer programming and software development.

9007210H	FOUNDATIONS OF PROGRAMMING HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Information Technology	
	Type of Credit:	CT	
This honors course offers extensive experience in Java Development and Programming. In addition to fulfilling all requirements of Foundations of Programming, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9007220	PROCEDURAL PROGRAMMING		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Foundations of Programming	
	Type of Credit:	CT	
This course continues the study of computer programming concepts with a focus on the creation of software applications employing procedural programming techniques.			

9007220H	PROCEDURAL PROGRAMMING HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Foundations of Programming	
	Type of Credit:	CT	
This honors course offers extensive experience in Java Development and Programming. In addition to fulfilling all requirements of Procedural Programming, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9007230	OBJECT-ORIENTED PROGRAMMING FUNDAMENTALS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Procedural Programming	
	Type of Credit:	CT	
This course continues the study of computer programming concepts with a focus on the creation of software applications employing object-oriented programming techniques.			

9007230H	OBJECT-ORIENTED PROGRAMMING FUNDAMENTALS HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Procedural Programming	
	Type of Credit:	CT	
This honors course offers extensive experience in Java Development and Programming. In addition to fulfilling all requirements of Object-Oriented Programming Fundamentals, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9007240	JAVA PROGRAMMING ESSENTIALS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Object-Oriented Programming Fundamentals	
	Type of Credit:	CT	
This course continues the study of computer programming concepts specific to the Java programming language.			

9007240H	JAVA PROGRAMMING ESSENTIALS HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Object-Oriented Programming Fundamentals	
	Type of Credit:	CT	
This honors course offers extensive experience in Java Development and Programming. In addition to fulfilling all requirements of JAVA Programming Essentials, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM NUMBER	WEB DEVELOPMENT		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9001100 ✳	8207310	Digital Information Technology	CT	ITS -HTML & CSS
	9001110 9001110H	Foundations of Web Design Foundations of Web Design HONORS	CT	ITS -HTML & CSS
	9001120 9001120H	User Interface Design User Interface Design HONORS	CT	CIW User Interface Designer
	9001130 9001130H	Web Scripting Fundamentals Web Scripting Fundamentals HONORS	CT	CIW Advanced HTML5 and CSS3
	9001140	Media Integration Essentials	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8207310	DIGITAL INFORMATION TECHNOLOGY		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year None	
	Prerequisite:	CT	
	Type of Credit:		
This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today’s business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheet, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards.			

9001110	FOUNDATIONS OF WEB DESIGN		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Introduction to Information Technology CT	
This course is designed to provide students with opportunities to acquire and apply foundational skills related to web design.			

9001110H	FOUNDATIONS OF WEB DESIGN HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year Introduction to Information Technology CT	
This honors course offers extensive experience in Web Development. In addition to fulfilling all requirements of Foundations of Web Design, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9001120	USER INTERFACE DESIGN		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Foundations of Web Design CT	
This course provides advanced concepts used in interface design. The content includes principles of Human Computer Interface (HCI), advanced page design using Cascading Style Sheets (CSS), advanced HTML commands, multimedia applications, Internet/Intranet tools, and website promotion.			

9001120H	USER INTERFACE DESIGN HONORS		Career Prep
	Offered: Credit: Length: Prerequisite:	Grade 10, 11, 12 1.0 Year Foundations of Web Design	
	Type of Credit:	PA	
This honors course offers extensive experience in Web Development. In addition to fulfilling all requirements of Foundations of User Interface Design, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9001130	WEB SCRIPTING FUNDAMENTALS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year User Interface Design CT	
This course provides an introduction to scripting related to web development. The content primarily focuses on client-side scripting using JavaScript.			

9001130H	WEB SCRIPTING FUNDAMENTALS HONORS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year User Interface Design CT	
This honors course offers extensive experience in Web Development. In addition to fulfilling all requirements of Foundations of Web Scripting Fundamentals, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9001140	MEDIA INTEGRATION ESSENTIALS		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Web Scripting Fundamentals CT	
This course provides in-depth instruction into techniques for integrating various forms of media onto webpage's, with particular focus on XML and AJAX technologies and frameworks. Students should have a good understanding of JavaScript prior to taking this course.			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
9000420	9000420	Information Technology Cooperative OJT
9000100	9000100	Information Technology Directed Study *

**Students should not be placed in these classes unless they are program completers (three sequential courses)*

9000420	INFORMATION TECHNOLOGY COOPERATIVE OJT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Enrollment in Information Technology Career Prep Program CT	
This course provides an Information Technology on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed.			

9000100	INFORMATION TECHNOLOGY DIRECTED STUDY		
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of an Information Technology Career Prep Program CT	
This course provides students with learning opportunities in a prescribed program of study within the Information Technology cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed an Information Technology job preparatory program or occupational completion point for additional study in this career cluster.			

LAW, PUBLIC SAFETY AND SECURITY CLUSTER

PROGRAM NUMBER	CRIMINAL JUSTICE OPERATIONS		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8918000 ✱	8918010	Criminal Justice Operations 1	CT	WordPress Certified Editor
	8918020	Criminal Justice Operations 2	CT	
	8918030	Criminal Justice Operations 3	CT	
	8918030H	Criminal Justice Operations 3 HONORS	CT	
9101000	8918050	Public Service Officer OR	CT	
	9101100	Dispatcher: Police, Fire, Ambulance	CT	911 Operator

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement; ~~VO = CTE Elective~~

8918010	CRIMINAL JUSTICE OPERATIONS 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	
This course is designed to introduce students to the fields of law enforcement, the court system, and the correctional system. The content includes career opportunities in these fields, court system, correctional system, interpersonal and communication skills, and employability skills.			

8918020	CRIMINAL JUSTICE OPERATIONS 2		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Criminal Justice Operations 1 CT	
This course is designed to develop competencies in patrol, traffic control, defensive tactics and physical proficiency skills, and first aid and cardiopulmonary resuscitation skills.			

8918030	CRIMINAL JUSTICE OPERATIONS 3		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Criminal Justice Operations 2 CT	
This course is designed to develop competencies in crime and accident investigation procedures, forensic science tasks, crime prevention, and property control procedures.			

8918030H	CRIMINAL JUSTICE OPERATIONS 3 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Criminal Justice Operations 2	
	Type of Credit:	CT	
This honors course offers extensive experience in Criminal Justice Operations. In addition to fulfilling all requirements of Criminal Justice Operations 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8918050	PUBLIC SERVICE OFFICER		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Criminal Justice Operations 3	
	Type of Credit:	CT	
This course prepares students for employment as a Private Security Officer and Public Service Aide. The content includes, but is not limited to, legal issues, basic first aid, emergency procedures, ethics and professional conduct, access control, patrol techniques, report writing, interview techniques, fire safety, crime and accident prevention and protection, terrorism awareness, public relations, courtroom procedures, communication skills, and personal protection.			

9101100	DISPATCHER: POLICE, FIRE, AMBULANCE		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.5	
	Length:	Year	
	Prerequisite:	Criminal Justice Operations 3	
	Type of Credit:	CT	
This course prepares students for employment as a dispatcher: police, fire, ambulance. The content includes, but is not limited to, ethics and the role of the telecommunicator; standard telecommunication operating procedures; relationship to field personnel; understanding of command levels; typical layouts of message centers; use of performance aids; overview of emergency agencies; functions and terminology; use of correct words and grammar; communications equipment, functions and terminology; types of telecommunication equipment; malfunctions and maintenance agreements; proper and correct telephone and dispatching procedures and techniques; cooperation and reciprocal agreements with other agencies; federal, state, and local communication rules; emergency situations and operating procedures; emergency medical dispatch procedures; employability skills; leadership and human relations skills; and health.			

PROGRAM NUMBER	INTRODUCTION TO FIRE FIGHTING		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8918200 ✱	8918210	Fire Fighting 1	CT	N/A - Age Requirement; Student must be 16
	8918220	Fire Fighting 2	CT	
	8918230	Fire Fighting 3	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8918210	FIRE FIGHTING 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year None CT	
This course is to provide an introduction to a career of Fire Science that can lead to employment, after further instruction, to a career as a fire fighter or other disciplines in the Fire Science realm.			

8918220	FIRE FIGHTING 2		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Fire Fighting 1 CT	
This course is to provide an introduction to a career of Fire Science that can lead to employment, after further instruction, to a career as a fire fighter or other disciplines in the Fire Science realm.			

8918230	FIRE FIGHTING 3		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Fire Fighting 2 CT	
This course is to provide an introduction to a career of Fire Science that can lead to employment, after further instruction, to a career as a fire fighter or other disciplines in the Fire Science realm.			

OTHER COURSES		
PROGRAM NUMBER	Course Number	Course Name
8900410	8900410	Law, Public Safety & Security Cooperative Education OJT
8900100	8900100	Law, Public Safety & Security Directed Study

8900410	LAW, PUBLIC SAFETY & SECURITY COOPERATIVE EDUCATION OJT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10,11, 12 Multiple Year Enrollment in or Completion of a Law, Public Safety & Security Career Prep Program CT	
This course provides the Law, Public Safety and Security on-the-job training component for when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. <i>The student must be compensated for work.</i>			

8900100	LAW, PUBLIC SAFETY & SECURITY DIRECTED STUDY	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of a Law, Public Safety & Security Career Prep Program CT
This course provides students with learning opportunities in a prescribed program of study within the Law, Public Safety and Security cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Law, Public Safety and Security career cluster.		

MANUFACTURING CLUSTER

PROGRAM NUMBER	ADVANCED MANUFACTURING TECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9200200 ⚙️	9200210	Advanced Manufacturing Technology 1	CT	AutoDesk-Fusion 360
	9200220 9200220H	Advanced Manufacturing Technology 2 Advanced Manufacturing Technology 2 HONORS	CT	AutoDesk-Fusion 360
	9200230 9200230H	Advanced Manufacturing Technology 3 Advanced Manufacturing Technology 3 HONORS	VO	AutoDesk- Inventor
	9200240 9200240H	Advanced Manufacturing Technology 4 Advanced Manufacturing Technology 4 HONORS	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

9200210	ADVANCED MANUFACTURING TECHNOLOGY 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
The course prepares students for entry into the advanced manufacturing industry. Content emphasizes beginning skills key to the success of working in the manufacturing industry. Students gain an understanding of technology and the concept of Design for Manufacturing, study workplace safety and workplace organization, workplace communication skills, and basic machine operation.			

9200220	ADVANCED MANUFACTURING TECHNOLOGY 2		Career Prep
	Offered: Credit:	Grade 9, 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Advanced Manufacturing Technology 1 CT	
The course prepares students for entry into the advanced manufacturing industry. Content emphasizes beginning skills key to the success of working in the manufacturing industry. Students study how to accurately read and interpret blueprints and schematics; graphic design and computer-aided drawing; quality assurance methods and quality control concepts; use of precision measurement tools and instruments; and understanding modern business practices.			

9200220	ADVANCED MANUFACTURING TECHNOLOGY 2 HONORS		Career Prep
	Offered: Credit:	Grade 9, 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Advanced Manufacturing Technology 1 CT	
This honors course offers extensive experience in Communications. In addition to fulfilling all requirements of Advanced Manufacturing 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9200230	ADVANCED MANUFACTURING TECHNOLOGY 3		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Advanced Manufacturing Technology 2 CT	
The course prepares students for entry into the advanced manufacturing industry. Content emphasizes beginning skills key to the success of working in the manufacturing industry. Students study how to select production processes; computer-aided manufacturing and flexible manufacturing planning; produce a product via a master project; manual milling machines, computer-numeric-control machines, and welding systems; and robotic systems used in manufacturing.			

9200230H	ADVANCED MANUFACTURING TECHNOLOGY 3 HONORS		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Advanced Manufacturing Technology 2 CT	
This honors course offers extensive experience in Communications. In addition to fulfilling all requirements of Advanced Manufacturing 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

9200240	ADVANCED MANUFACTURING TECHNOLOGY 4		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Advanced Manufacturing Technology 3 CT	
The course prepares students for entry into the advanced manufacturing industry. Content emphasizes beginning skills key to the success of working in the manufacturing industry. Students study mechanisms; AC/DC electrical control; programmable logic control; fluid power; maintenance of technological systems; and exploration of employability and career opportunities.			

9200240H	ADVANCED MANUFACTURING TECHNOLOGY 4 HONORS		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Advanced Manufacturing Technology 3 CT	
This honors course offers extensive experience in Communications. In addition to fulfilling all requirements of Advanced Manufacturing 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
9200420	9200420	Manufacturing Cooperative Education OJT
9201000	9201000	Manufacturing Directed Study

9200420	MANUFACTURING	Career Prep
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	COOPERATIVE EDUCATION OJT	
	Offered:	Grade 11, 12
	Credit:	Multiple
	Length:	Year
	Prerequisite:	Enrollment in or Completion of a Manufacturing Career Prep Program
	Type of Credit:	CT

This course provides a Manufacturing on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. ***The student must be compensated for work.***

9201000	MANUFACTURING DIRECTED STUDY
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	Offered:	Grade 11, 12
	Credit:	Multiple
	Length:	Year
	Prerequisite:	Completion of a Manufacturing Career Prep Program
	Type of Credit:	CT

This course provides students with learning opportunities in a prescribed program of study within the Manufacturing cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Manufacturing career cluster.

PROGRAM NUMBER	Welding Technology Fundamentals		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9204400	9204410	Welding Technology Fundamentals 1	CT	HBI – PACT Core
	9204420	Welding Technology Fundamentals 2	CT	
	9204430	Welding Technology Fundamentals 3	CT	
	9204440	Welding Technology Fundamentals 4	CT	

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

**This program is only being offered at Deltona High School. Please do not add this program to your school's offerings. Contact the CTE Department if you have questions.

9204410	Welding Technology Fundamentals 1		Career
	Prep		
	Offered: Credit:	Grade 9, 10, 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	None	
		PA	
The Welding Technology Fundamentals 1 course prepares students for entry into the welding industry. Students explore career opportunities and the requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study workplace safety and organization, basic manufacturing processes, metals identification, basic interpretation of welding symbols, and oxyfuel gas cutting practices. Students demonstrate learned skills by creating and producing a finished product.			

9204420	Welding Technology Fundamentals 2Career Prep	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Welding Technology Fundamentals 1 PA
The Welding Technology Fundamentals 2 course is designed to build on the skills and knowledge students learned in Welding Technology Fundamentals 1 for entry into the welding industry. Students explore career opportunities and the requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study drawings and welding symbols, intermediate oxyfuel gas cutting practices, plasma arc cutting principles, and basic shielded metal arc welding (SMAW). Students demonstrate learned skills by creating and producing a finished product.		

9204430	Welding Technology Fundamentals 3		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year Welding Technology Fundamentals 1 & 2 PA	
The Welding Technology Fundamentals 3 course is designed to build on the skills and knowledge students learned in Welding Technology Fundamentals 1 and 2 for entry into the welding industry. Students explore career opportunities and the requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study basic shielded metal arc welding (SMAW), Carbon Arc Gouging (GAC) principles, and visual examination skills. Students demonstrate learned skills by creating and producing a finished product.			

9204440	Welding Technology Fundamentals 4		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 12 1.0 Year Welding Technology Fundamentals 1, 2, 3 PA	
The Welding Technology Fundamentals 4 course is designed to build on the skills and knowledge students learned in Welding Technology Fundamentals 1, 2, and 3 for entry into the welding industry. Students explore career opportunities and the requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study employability and welding careers, and intermediate shielded metal arc welding (SMAW). Students demonstrate learned skills by creating and producing a finished product.			

MARKETING, SALES AND SERVICES CLUSTER

PROGRAM NUMBER	ENTREPRENEURSHIP		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
	8812110	Principles of Entrepreneurship	CT	Entrepreneurship & Small Business
	8812120	Business Management & Law	CT	
	8812000 8812000H	Business Ownership Business Ownership HONORS	CT	Entrepreneurship & Small Business
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement; VO = CTE Elective				

8812110	PRINCIPLES OF ENTREPRENEURSHIP		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Business Ownership	
	Type of Credit:	CT	
This course is designed to provide the basic principles of entrepreneurship including the role of the entrepreneur; entrepreneurship as a career; ethics in business; and the principles of marketing, financing, and managing a business.			

8812120	BUSINESS MANAGEMENT AND LAW		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Principles of Entrepreneurship	
	Type of Credit:	CT	
This course is designed to provide an introduction to business management techniques. Course content includes human relations, decision-making, communication techniques, business law concepts, and characteristics of the American enterprise system.			

8812000	BUSINESS OWNERSHIP		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This course is designed to prepare students for careers as entrepreneurs, present entrepreneurship as a career path worthy of consideration, provide students with the skills needed to realistically evaluate their potential as business owners, and develop the fundamental knowledge and skills necessary to start and operate a business.			

8812000H	BUSINESS OWNERSHIP HONORS		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
This honors course offers extensive experience in Marketing, Sales and Services. In addition to fulfilling all requirements of Business Ownership, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM NUMBER	MARKETING, MANAGEMENT AND ENTREPRENEURIAL PRINCIPLES		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
	8827110	Marketing Essentials	CT	CIW Social Media Strategist
	8827120	Marketing Applications	CT	CIW - Social Media Strategist
	8812000 8812000H	Business Ownership Business Ownership HONORS	CT	Entrepreneurship & Small Business
	8827130	Marketing Management	CT	Entrepreneurship & Small Business
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement				

8827110	MARKETING ESSENTIALS		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Business Ownership	
	Type of Credit:	CT	
<p>This course blends theory and practice to facilitate immediate implementation and impact. Students will learn to develop strategic marketing with sales and customer plans. A review of the marketing environment is used to help develop the segmentation, targeting and market positioning strategy for implementation along with the marketing mix (product, price, place and promotion). The goal is the identification and delivery of organizational competitive advantage and customer satisfaction – key to long-term revenue growth, profitability and success.</p>			

8827120	MARKETING APPLICATIONS		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Marketing Essentials	
	Type of Credit:	CT	
<p>This course is designed to provide students with an in-depth study of marketing in a free enterprise society and includes advertising, promotion, product development and branding, selling and marketing research. This course also includes the uses of technology and the Internet in marketing, purchasing, retail positioning strategies, and e-Commerce marketing.</p>			

8812000	BUSINESS OWNERSHIP		Career Prep
	Offered:	Grade 11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
<p>This course is designed to prepare students for careers as entrepreneurs, present entrepreneurship as a career path worthy of consideration, provide students with the skills needed to realistically evaluate their potential as business owners and develop the fundamental knowledge and skills necessary to start and operate a business.</p>			

8812000H	BUSINESS OWNERSHIP HONORS		Career Prep
	Offered:	Grade 11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	
<p>This honors course offers extensive experience in Marketing, Sales and Services. In addition to fulfilling all requirements of Business Ownership, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.</p>			

8827130	MARKETING MANAGEMENT		Career Prep
	Offered:	Grade 11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Marketing Applications	
	Type of Credit:	CT	

This course provides instruction for career-sustaining level of employment in the industry. The content includes applied skills related to marketing functions, employment skills required for success in marketing, and career planning as related to a marketing industry.

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8800410	8800410	Marketing, Sales & Services Cooperative Education OJT *
8800100	8800100	Marketing, Sales & Services Directed Study

**Students should not be placed in these classes unless they are program completers (three sequential courses)*

8800410	MARKETING, SALES & SERVICES COOPERATIVE EDUCATION OJT		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Enrollment in or Completion of a Marketing, Sales & Services Career Prep Program	
	Type of Credit:	CT	

This course is designed to provide Marketing, Sales and Services on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed.

8800100	MARKETING, SALES & SERVICES DIRECTED STUDY		
	Offered:	Grade 11,12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Completion of a Marketing, Sales & Services Career Prep Program	
	Type of Credit:	CT	

This course provides students with learning opportunities in a prescribed program of study within the Marketing, Sales and Services cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Marketing, Sales and Services career cluster.

TRANSPORTATION, DISTRIBUTION & LOGISTICS CLUSTER

PROGRAM NUMBER	**AUTOMOTIVE MAINTENANCE & LIGHT REPAIR		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9504100 ✱	9504110	Automotive Maintenance & Light Repair 1	CT	ASE Entry-level-Auto: Brakes (BR)
	9504120	Automotive Maintenance & Light Repair 2	CT	ASE Entry-level-Auto:
	9504130	Automotive Maintenance & Light Repair 3	CT	Electrical/Electronic Systems (EE)
	9504140	Automotive Maintenance & Light Repair 4	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement **This program is only being offered at Atlantic High School. Please do not add this program to your school's offerings. Contact the CTE Department if you have questions.				

9504110	AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	VO	
This course prepares students to explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills.			

9504120	AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Automotive Maintenance Repair 1	
	Type of Credit:	CT	
This course prepares students in automotive general electrical systems, starting and charging systems, batteries, lighting, instrument cluster, driver information, and body electrical systems. Content emphasizes beginning transportation service skills and workplace success skills.			

9504130	AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 3		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Automotive Maintenance Repair 2	
	Type of Credit:	CT	
This course allows students to study and service suspension and steering systems, and brake systems. Content emphasizes beginning transportation service skills and workplace success skills.			

9504140	AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 4		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 12 1.0 Year Automotive Maintenance Repair 3 CT	
This course prepares students for entry into the automotive workforce or into post- secondary training. Student's study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, as well as practice workplace soft skills.			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
9500420	9500420	Transportation, Distribution & Logistics Cooperative Education OJT
9501000	9501000	Transportation, Distribution & Logistics Directed Study *

**Students should not be placed in these classes unless they are program completers (three sequential courses)*

9500420	TRANSPORTATION, DISTRIBUTION & LOGISTICS		Career Prep
	COOPERATIVE EDUCATION OJT		
	Offered:	Grade 10,11,12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Enrollment in or Completion of a Transportation, Distribution & Logistics Career Prep Program	
	Type of Credit:	CT	
This course is designed to the provide Transportation, Distribution & Logistics on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed.			

9501000	TRANSPORTATION, DISTRIBUTION & LOGISTICS DIRECTED STUDY	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11,12 Multiple Year Completion of a Transportation, Distribution & Logistics Career Prep Program CT
This course provides students with learning opportunities in a prescribed program of study within the Transportation, Distribution & Logistics cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Transportation, Distribution & Logistics career cluster.		

ADDITIONAL CTE PROGRAMS AND COURSES

PROGRAM NUMBER	**CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9603100	9603110	Career Education Services for Students with Disabilities 1	CT	Varied (Depends on Program)
	9603120	Career Education Services for Students with Disabilities 2	CT	
	9603130	Career Education Services for Students with Disabilities 3	CT	
	9603140	Career Education Services for Students with Disabilities 4	CT	

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

**This program provides specialized career education for students with a disability who have an IEP or 504 plan.

9603110	CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None CT	
This course is designed to develop realistic employment goals; to develop employability skills appropriate to the workplace, and to develop skills necessary to the chosen career path.			

9603120	CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES 2		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Career Education Services for Students with Disabilities 1 CT	
This course is designed to develop realistic employment goals; to develop employability skills appropriate to the workplace, and to develop skills necessary to the chosen career path.			

9603130	CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES 3		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Career Education Services for Students with Disabilities 2	
	Type of Credit:	CT	
This course is designed to develop realistic employment goals; to develop employability skills appropriate to the workplace, and to develop skills necessary to the chosen career path.			

9603140	CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES 4			Career Prep
	Offered: Credit: Length:	Grade 12 1.0 Year		

	Prerequisite: Type of Credit:	Career Education Services for Students with Disabilities 3 CT
This course is designed to develop realistic employment goals; to develop employability skills appropriate to the workplace, and to develop skills necessary to the chosen career path.		

PROGRAM NUMBER	**DIVERSIFIED CAREER TECHNOLOGY (DCT)		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8303000	8303010	DCT Principles	CT	
	8300410	DCT OJT	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement; VO = CTE Elective **THE DCT (8303000) PROGRAM IS DAGGERED FOR DELETION in 2025-2026.				

8303010	DCT PRINCIPLES		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year None CT	
This course is designed to enable each student to demonstrate employability skills; environmental, health, and safety skills; professional, legal, and ethical responsibilities; financial skills; leadership skills; communication skills; human resources and labor skills; America's economic principles; entrepreneurship principles; relate planning methods to life and career goals; and use of industry/technology principles in the workplace.			

8300410	DCT OJT		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Enrollment in a DCT course	
	Type of Credit:	CT	
This course is designed to enable each student to demonstrate competencies in a specific career and to demonstrate legal and ethical behavior within the role and scope of job responsibilities through a realistic, on-the-job training experience. An individualized training plan is developed and utilized to ensure that training is provided which will develop the necessary competencies/skills in order for the student to become competent in the occupation for which he/she is being trained.			

PROGRAM NUMBER	**HIGH SCHOOL PRE-APPRENTICESHIP		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8000200	8000110	Pre-Apprenticeship 1	CT	Varied <i>(Depends on Program)</i>
	8000120	Pre-Apprenticeship 2	CT	
	8000130	Pre-Apprenticeship 3	CT	
	8000140	Pre-Apprenticeship 4	CT	
*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts gRAD Requirement; VO = CTE Elective **Minimum 16 Years of Age, Registered in a Registered Pre-Apprenticeship Program (section 446.021 F.S.)				

8000110	HIGH SCHOOL PRE-APPRENTICESHIP 1		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Enrollment in or Completion of a CTE Career Prep Program	
	Type of Credit:	CT	
This course prepares students for further education and careers in various apprenticeable occupations that are part of a <i>Registered Pre-Apprenticeship program registered with the Florida Department of Education, Division of Career and Adult Education, Apprenticeship Section.</i> The program may include time-based and competency-based applied learning that contributes to problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of registered apprenticeship.			

8000120	HIGH SCHOOL PRE-APPRENTICESHIP 2		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Enrollment in or Completion of a CTE Career Prep Program	
	Type of Credit:	CT	
<p>This course prepares students for further education and careers in various apprenticeable occupations that are part of a <i>Registered Pre-Apprenticeship program registered with the Florida Department of Education, Division of Career and Adult Education, Apprenticeship Section.</i> The program may include time-based and competency-based applied learning that contributes to problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of registered apprenticeship.</p>			

8000130	HIGH SCHOOL PRE-APPRENTICESHIP 3		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Enrollment in or Completion of a CTE Career Prep Program	
	Type of Credit:	CT	
This course prepares students for further education and careers in various apprenticeable occupations that are part of a <i>Registered Pre-Apprenticeship program registered with the Florida Department of Education, Division of Career and Adult Education, Apprenticeship Section.</i> The program may include time-based and competency-based applied learning that contributes to problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of registered apprenticeship.			

8000140	HIGH SCHOOL PRE-APPRENTICESHIP 4		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Enrollment in or Completion of a CTE Career Prep Program	
	Type of Credit:	CT	

This course prepares students for further education and careers in various apprenticeable occupations that are part of a **Registered Pre-Apprenticeship program registered with the Florida Department of Education, Division of Career and Adult Education, Apprenticeship Section**. The program may include time-based and competency-based applied learning that contributes to problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of registered apprenticeship.

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8300420	8300420	Cooperative Diversified Education OJT
8300100	8300100	Diversified Education Directed Study
8300430	8300430	Career & Technical Education Internship
9001920	9001920	Vocational Employability Skills for Youth <i>(DJJ use only)</i>

8300420	COOPERATIVE DIVERSIFIED EDUCATION OJT		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 Multiple Year Enrollment in a Diversified Education Career Prep Program CT	
<p>The purpose of this course is to provide an on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: A training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed.</p>			

8300100	DIVERSIFIED EDUCATION DIRECTED STUDY		
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of a Diversified Education Career Prep Program CT	
<p>This course provides students with learning opportunities in a prescribed program of study that will enhance opportunities for employment in the career field chosen by the student. This course may be taken only by a student who has completed the Diversified Career Technology career preparatory program and is interested in continued study in this career cluster. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. The selected standards and benchmarks, which the student must master to earn credit, must be outlined in an instructional plan developed by the instructor. A learning laboratory is provided as required to support the educational activities of the student. This laboratory may be in the traditional classroom, in an industry setting, or a virtual learning environment.</p>			

8300430	CAREER & TECHNICAL EDUCATION INTERNSHIP		Career Prep
	Offered: Credit: Length:	Grade 10, 11, 12 Multiple Year	

	Prerequisite: Type of Credit:	Enrollment in or Completion of a CTE Career Prep Program CT
This course provides students with the opportunity to gain practical, first-hand knowledge in broad occupational clusters or industry sectors through a structured internship experience. This internship is designed to give students an opportunity to integrate occupational and applied academic learning and to apply knowledge and skills learned in a classroom to actual work situations not generally available through paid employment. To enroll in the internship, a student must be currently enrolled in or has completed a career course/program. Students will be allowed a maximum of 450 total hours at the workplace-learning site, regardless of the number of credits earned.		

9001920	VOCATIONAL EMPLOYABILITY SKILLS FOR YOUTH	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 .5 Semester Youth being served by Department of Juvenile Justice CT
This course provides career and technical education competencies <u>for youth being served by Department of Juvenile Justice programs</u> . Basic practical and job preparatory instruction is provided in the competencies necessary for a better understanding of the world of work and for entry-level employment. The specific program content includes measurable components from any of the career and technical program areas with heavy emphasis on work ethics and employability skills.		

9799999	CTSO EXTRACURRIC ACT	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1 Year Completion of CTSO Requirements Elective Credit
Upon completion, the student will earn an elective credit. Students may be awarded one high school credit upon providing verifiable documentation showing an accumulation of at least one hundred thirty-five (135) hours of participation in Career and Technical Student Organization (CTSO) activities that occur outside of regular class time. The 135-hour threshold may be accumulated over the course of one or more academic years.		

CAREER & TECHNICAL EDUCATION

Programs of Study 2024 – 2025

Honors Courses

Honors Designation Explanation

Chapter 1003.4203

GRADE POINT AVERAGE CALCULATION. — *For purposes of calculating grade point average, a grade in a course that is level 3 or above and leads to an industry certification must be weighted the same as a grade in an honors course.*

Per this legislative mandate, the following CTE courses are designated as HONORS courses as long as the teacher holds the industry certification:

AGRISCIENCE & NATURAL RESOURCES:

8009110H	Agriculture Leadership & Management HONORS
8106850H	Agricultural Biotechnology 2 HONORS
8106860H	Agricultural Biotechnology 3 HONORS
8117010H	Agricultural Communications 2 HONORS
8117020H	Agricultural Communications 3 HONORS
8106810H	Agriculture Foundations 1 HONORS
8112010H	Aquaculture 2 HONORS
8112020H	Aquaculture 3 HONORS
8112030H	Aquaculture 4 HONORS
8129210H	Food Science Applications 2 HONORS
8129220H	Food Science Applications 3 HONORS
8121510H	Horticulture Science 2 HONORS
8121520H	Horticulture Science 3 HONORS
8006220H	Introduction to Natural Resources 2 HONORS
8006230H	Natural Resource Technology 3 HONORS
8006240H	Natural Resource Management 4 HONORS
8009120H	Principles of Agribusiness HONORS

ARCHITECTURE AND CONSTRUCTION CLUSTER:

8722030H	Building Trades and Construction Design Technology 3 HONORS
8104330H	Carpentry Framing HONORS
8104340H	Carpentry Exterior HONORS
8104350H	Carpentry Finish HONORS

ARTS, A/V TECHNOLOGY AND COMMUNICATION CLUSTER:

8209510H	Digital Design 1 HONORS
8209520H	Digital Design 2 HONORS
8209530H	Digital Design 3 HONORS
8209540H	Digital Design 4 HONORS
8209550H	Digital Design 5 HONORS
8201610H	Digital Media/Multimedia Web Production HONORS
8201620H	Digital Media/Multimedia Motion Graphics Production HONORS
8201410H	Digital Video Technology 1 HONORS
8201420H	Digital Video Technology 2 HONORS
8201430H	Digital Video Technology 3 HONORS
8201440H	Digital Video Technology 4 HONORS

8201530H Television Production Technology 3 HONORS

BUSINESS MANAGEMENT AND ADMINISTRATION CLUSTER:

8203310H Accounting Applications 1 HONORS

8203320H Accounting Applications 2 HONORS

8203330H Accounting Applications 3 HONORS

EDUCATION AND TRAINING CLUSTER:

8405130H Early Childhood Education 3 HONORS

8405140H Early Childhood Education 4 HONORS

ENGINEERING AND TECHNOLOGY EDUCATION CLUSTER

8600620H Aerospace Engineering HONORS

8600580H Aerospace Technologies 1 HONORS

8600680H Aerospace Technologies 2 HONORS

8601780H Aerospace Technologies 3 HONORS

8401110H Applied Engineering Technology 1 HONORS

8401120H Applied Engineering Technology 2 HONORS

8401130H Applied Engineering Technology 3 HONORS

8600590H Civil Engineering & Architecture HONORS

8600560H Computer Integrated Manufacturing HONORS

8600530H Digital Electrics HONORS

8600650H Engineering Design & Development HONORS

9410110H Foundations of Robotics HONORS

8600550H Introduction to Engineering Design HONORS

8600520H Principles of Engineering HONORS

9410140H Robotic Applications Capstone HONORS

9410120H Robotic Design Essentials HONORS

9410130H Robotic Systems HONORS

FINANCE CLUSTER:

8815110H Economics & Financial Services HONORS

8815120H Personal Finance HONORS

HEALTH SCIENCE CLUSTER:

8708140H Biomedical Innovation HONORS

8417171H Emergency Medical Responder 3 HONORS

8417100H Health Science Anatomy & Physiology HONORS

8417110H Health Science Foundations HONORS

8708120H Human Body Systems HONORS

8708110H Principles of Biomedical Sciences HONORS

8708130H Medical Interventions HONORS

8417211H Nursing Assistant 3 HONORS

HOSPITALITY & TOURISM CLUSTER:

8800530H Culinary Arts 3 HONORS

8800540H Culinary Arts 4/Track 1 HONORS

8800550H Culinary Arts 4/Track 2 HONORS

8800560H Culinary Arts 4/Track 3 HONORS

INFORMATION TECHNOLOGY CLUSTER:

9001210H	CSIT Foundations HONORS
9001220H	CSIT System Essentials HONORS
9001230H	CSIT Network Systems Configuration HONORS
9001250H	CSIT Cyber Security Essentials HONORS
9001320H	Computer & Network Security Fundamentals HONORS
9001330H	Cybersecurity Essentials HONORS
9007210H	Foundations of Programing HONORS
9001110H	Foundations of Web Design HONORS
8208330H	Game & Simulation Programming HONORS
9003430H	IT Systems & Applications HONORS
9007240H	Java Programming Essentials HONORS
9003470H	Multimedia Technologies HONORS
8208340H	Multi-User Game & Simulation Programming HONORS
9007230H	Object-Oriented Programming Fundamentals HONORS
9001340H	Operational Cybersecurity HONORS
9007220H	Procedural Programming HONORS
9003450H	Programming Essentials HONORS
9001120H	User Interface Design HONORS
9007510H	Web Programming HONORS
9001130H	Web Scripting Fundamentals HONORS

LAW, PUBLIC SAFETY AND SECURITY CLUSTER

8918030H	Criminal Justice Operations 3 HONORS
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MANUFACTURING CLUSTER

9200220H	Advanced Manufacturing Technology 2 HONORS
9200230H	Advanced Manufacturing Technology 3 HONORS
9200240H	Advanced Manufacturing Technology 4 HONOR

MARKETING, SALES & SERVICES CLUSTER

8812000H	Business Ownership HONORS
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International[®]
Baccalaureate

Program of Studies

2024-2025

Art

☆0114800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE ART 1	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Acceptance
	Type of Credit:	Performing Fine Arts

This course is designed to produce personal visual statements and develop an understanding of the complex language of visual symbols which form a part of every culture. Students will identify and demonstrate through studio experience, the visual elements and compositional principles, apply knowledge of a variety of media, tools, and techniques, identify and analyze major works of art, styles, periods, and cultures, develop an understanding of the aesthetic merit of art works through the study, analysis, and discussion of aesthetics, describe, analyze interpret, and judge works of art, and initiate the development of a portfolio consistent with the aims of the International Baccalaureate program Research is required throughout preliminary planning, ideation and media experimentation of visual elements.

0114810	FLORIDA'S PREINTERNATIONAL BACCALAUREATE ART 2	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre IB Art 1
	Type of Credit:	Performing Fine Arts

Concepts and style will be further developed and refined. Students will identify and demonstrate through studio experience, the visual elements and compositional principles, apply knowledge of a variety of media, tools, and techniques, identify and analyze major works of art, styles, periods, and cultures, develop an understanding of the aesthetic merit of art works through the study, analysis, and discussion of aesthetics, describe, analyze interpret, and judge works of art, and initiate the development of a portfolio consistent with the aims of the International Baccalaureate program. Research is required throughout preliminary planning, ideation and media experimentation of visual elements.

☆0114815	INTERNATIONAL BACCALAUREATE VISUAL ARTS I	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Acceptance
	Type of Credit:	Performing Fine Arts

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols which form part of every culture. As students reach their 11th and 12th grade year in IB Art or Photography they are working towards presenting a portfolio of work that will be examined, along with research that explains why certain ideas, projects, media, techniques, etc. were pursued. Research is required throughout preliminary planning, ideation and media experimentation of visual elements. Students should have had a previous art class(es) in this IB Art area of study before going into this higher-level class.

☆0114825	INTERNATIONAL BACCALAUREATE VISUAL ARTS 2 (SL)	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art IB 1
	Type of Credit:	Performing Fine Arts

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols which form part of every culture. As students reach their 11th grade year in IB Art or Photography they are working towards presenting a portfolio of work that will be examined, along with research that explains why certain ideas, projects, media, techniques, etc. were pursued. Research is required throughout preliminary planning, ideation and media experimentation of visual elements. Students should have had a previous art class(es) in this IB Art area of study before going into this higher- level class. ***Students will take SL IB Assessment.***

☆0114835	INTERNATIONAL BACCALAUREATE VISUAL ARTS 3 (HL)	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art IB 2
	Type of Credit:	Performing Fine Arts

The purpose of this course is to produce personal visual statements that search for a synthesis of aesthetic values and functional requirements and to understand the complex language of visual symbols which form part of every culture. As students reach their 12th grade year in IB Art or Photography they are working towards presenting a portfolio of work that will be examined, along with research that explains why certain ideas, projects, media, techniques, etc. were pursued. Research is required throughout preliminary planning, ideation and media experimentation of visual elements. Students should have had a previous art class(es) in this IB Art area of study before going into this higher-level class. ***Students will take HL IB Assessment.***

Computer Education

☆0200800	INTERNATIONAL BACCALAUREATE COMPUTER STUDIES 1	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Computer Programming 1
	Type of Credit:	Elective

This course is for IB students only. It is designed to prepare the student to take the IB examination. This course will refine the student's ability to design algorithms that lead to computer programs which solve problems in areas of control, file manipulation, and applications requiring complex data structures.

☆0200810	INTERNATIONAL BACCALAUREATE COMPUTER STUDIES 2	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Computer Studies 1
	Type of Credit:	Elective

This course is for IB students only. It is designed to prepare the student to take the IB examination. This course will refine the student's ability to design algorithms that lead to computer programs which solve problems in areas of control, file manipulation, and applications requiring complex data structures. ***Students will take SL IB Assessment.***

☆0200820	INTERNATIONAL BACCALAUREATE COMPUTER STUDIES 3	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Computer Studies 2
	Type of Credit:	Elective

Students will demonstrate knowledge of error analysis, data types and structures, and recursion within the context of modular programming. Various input and storage devices will be used. An emphasis will be placed upon understanding the role and limitation of computers in our society. Content specified by the International Baccalaureate Computer Studies Program underlies this course. ***Students will take HL IB Assessment.***

DANCE

☆0300650	FLORIDA'S PREINTERNATIONAL BACCALAUREATE DANCE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into the IB Program
	Type of Credit:	Performing Fine Arts

This course is designed for dancers who have mastered the basics in two or more dance forms, builds technical and creative skills with a focus on developing the aesthetic quality of movement in the ensemble and as an individual. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆0300655	INTERNATIONAL BACCALAUREATE DANCE 1	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-IB Dance 1/Teacher Recommendation
	Type of Credit:	Performing Fine Arts

The intent of this course is to broaden the students' perspective on the role of dance as practiced by different cultures reflecting each cultures traditions, societal values, and beliefs. Students will further explore the three aspects of the curriculum including: performance, composition & analysis, and world investigation. Students will continue to learn and perform dance repertoire, student choreography, & individual choreography. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆0300660	INTERNATIONAL BACCALAUREATE DANCE 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-IB Dance 1/Teacher Recommendation
	Type of Credit:	Performing Fine Arts

The intent of this course is to broaden the students' perspective on the role of dance as practiced by different cultures reflecting each cultures traditions, societal values, and beliefs. Students will further explore the three aspects of the curriculum including: performance, composition & analysis, and world investigation. Students will continue to learn and perform dance repertoire, student choreography, & individual choreography. ***Students will take SL IB Assessment.*** Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆0300670	INTERNATIONAL BACCALAUREATE DANCE 3	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Dance 2 SL/Teacher Recommendation

	Type of Credit:	Performing Fine Arts
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The intent of this course is to advance and increase the students' perspective on the role of dance as practiced by different cultures reflecting each cultures traditions, societal values, and beliefs. This phase will focus on completing the three aspects of the curriculum including: performance, composition & analysis, and world investigation. Students will stage personal choreography, perform repertoire, and submit a world investigation paper and process paper for testing. ***Students will take HL IB Assessment.*** Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

DRAMA/THEATRE

☆0400800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE THEATRE 1	
	Offered:	Grade 9,10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Drama or Acting 1
	Type of Credit:	Performing Fine Arts

This course is designed to give an overview of theatre arts. Students are introduced to the fundamentals of stage tech, including make-up, costuming, set construction and lighting. Students perform improvisation, monologues, readings and acting scenes. The content includes and introduction to the process of directing, basic vocal techniques, movement, theory, production management and scrip writing. Students are primarily exposed to pieces in the native language. Students are encouraged to view at least one out –of-class production per nine weeks for critical review. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆0400805	FLORIDA'S PREINTERNATIONAL BACCALAUREATE THEATRE 2	
	Offered:	Grade 9,10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Drama or Acting 1
	Type of Credit:	Performing Fine Arts

The purpose of this course is to provide students an opportunity to gain experience and further their knowledge in theatre fundamentals. The content includes instruction in reading and interpretation of dramatic literature; techniques and mechanics of stagecraft, character analysis and portrayal; interpretive and analytical student of plays; theory and scriptwriting; and production of plays and other dramatic presentations. Students encounter international pieces including Japanese theater, theater of the Absurd, and satire, as well of current works. All students are required to view at least one out-of-class production per nine weeks for critical review. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course

☆0400810	INTERNATIONAL BACCALAUREATE THEATRE 1	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Drama or Acting 1
	Type of Credit:	Performing Fine Arts

The Theatre 1-IB course will focus on the historical examination of theatre to understand various cultures and the art form. Included are performance, technical skills, objective self-criticism, and the synthesis of knowledge through a research project. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆0400820	INTERNATIONAL BACCALAUREATE THEATRE 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Theatre 1-1B
	Type of Credit:	Performing Fine Arts

The Theatre 2-IB course will focus on the historical examination of theatre to understand various cultures and the art form. Included are performance, technical skills, objective self-criticism, and the synthesis of knowledge through a research project. Students **will take SL IB Assessment**. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆0400830	INTERNATIONAL BACCALAUREATE THEATRE 3	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Theatre 2-IB
	Type of Credit:	Performing Fine Arts

The purpose of this course is to provide in-depth training in theatrical skills, technical skills, and self- development in the art. Extensive research will be incorporated into this course. The Theatre 3-IB course will focus on the historical examination of theatre to understand various cultures and the art form. Included are performance, technical skills, objective self-criticism, and the synthesis of knowledge through a research project. **Students will take HL IB Assessment**. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆0107472	INTERNATIONAL BACCALAUREATE FILM STUDIES 2	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into the IB Program
	Type of Credit:	Performing Fine Arts

This course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others. Students will take SL IB Assessment.

☆0107474	INTERNATIONAL BACCALAUREATE FILM STUDIES 3	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into the IB Program
	Type of Credit:	Performing Fine Arts

This course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of

others. Students experiment with film and multimedia technology, acquiring the skills and creative competencies required to successfully communicate through the language of the medium. They develop an artistic voice and learn how to express personal perspectives through film. This course emphasizes the importance of working collaboratively. It focuses on the international and intercultural dynamic that triggers and sustains contemporary film, while fostering in students an appreciation of the development of film across time, space and culture. Students are challenged to understand alternative views, to respect and appreciate the diverse cultures that exist within film, and to have open and critical minds. This course lies the need for creative exploration and innovation. Students are challenged to acquire and develop critical thinking, reflective analysis and the imaginative synthesis that is achieved through practical engagement in the art, craft and study of film. Students will take the HL IB Assessment.

ENGLISH

☆1001800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE ENGLISH 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Acceptance
	Type of Credit:	English/Language Arts

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

☆1001810	FLORIDA'S PREINTERNATIONAL BACCALAUREATE ENGLISH 2	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Florida's Pre-international Baccalaureate English 1
	Type of Credit:	English/Language Arts

The major content will include, but not be limited to, instruction in genres and universal themes found in the literature of England. Advanced skills in literary analysis will be applied in composition and discussion. Vocabulary study will focus on preparation for college entrance examinations. Major projects will include research on a literary topic leading to a thesis paper. This course defines what students should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. This course will provide academic rigor and relevance through a comprehensive curriculum based on the standards taught with reference to the unique facets of the IB. These facets include interrelatedness of subject areas, a holistic view of knowledge, intercultural awareness, embracing international issues, and communication as fundamental to learning. Instructional design must provide students with values and opportunities that enable them to develop respect for others and an appreciation of similarities and differences. Learning how to learn and how to critically evaluate information is as important as the content of the disciplines themselves.

☆1001820	INTERNATIONAL BACCALAUREATE ENGLISH LITERATURE 3	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-IB English 2
	Type of Credit:	English/Language Arts

This course will provide academic rigor and relevance through a comprehensive curriculum based on the appropriate Florida Standards taught with reference to the unique facets of the IB. These facets include interrelatedness of subject areas, holistic view of knowledge, intercultural awareness embracing international issues, and communication as fundamental to learning. Instructional design must provide students with values and opportunities that enable them to develop respect for others and an appreciation of similarities and

differences. Learning how to learn and how to critically evaluate information is as important as the content of the disciplines themselves.

☆1001830	INTERNATIONAL BACCALAUREATE ENGLISH LITERATURE 4	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 12 1.0 Year International Baccalaureate English Literature 3 English/Language Arts

This course will provide academic rigor and relevance through a comprehensive curriculum based on the appropriate Florida Standards taught with reference to the unique facets of the IB. These facets include interrelatedness of subject areas, holistic view of knowledge, intercultural awareness embracing international issues, and communication as fundamental to learning. Instructional design must provide students with values and opportunities that enable them to develop respect for others and an appreciation of similarities and differences. Learning how to learn and how to critically evaluate information is as important as the content of the disciplines themselves. Students will take the SL IB Assessment for this course.

WORLD LANGUAGES

☆0701800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE FRENCH 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Acceptance
	Type of Credit:	World Language

The purpose of this course is to provide students with a preparatory course to meet the requirements of the IB Program. The students will receive an intensive introduction to the four language skills: Speaking, listening, reading and writing as well as an introduction to the target cultures.

☆0701810	FLORIDA'S PREINTERNATIONAL BACCALAUREATE FRENCH 2	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-IB French 1 World
	Type of Credit:	Language

The purpose of this course is to provide students with a preparatory course to meet the requirements of the IB Program. The course is designed to reinforce the basic skills already acquired. The content will include an expansion of the listening and oral skills. The students will read short passages and write simple compositions.

☆0701830	INTERNATIONAL BACCALAUREATE FRENCH 4	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-IB French 2
	Type of Credit:	World Language

The purpose of this course is to provide students with a preparatory course to meet the requirements of the IB Program. The course is designed to enable students to speak, to comprehend, to read, to analyze authentic literature; as well as to write compositions demonstrating an advanced level of vocabulary and structure.

☆0701840	INTERNATIONAL BACCALAUREATE FRENCH 5	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB French 4-B
	Type of Credit:	World Language

The purpose of this course is to prepare students to take the IB examination. This course is designed to expand and fine-tune the students' comprehension and language production to near-native fluency. Full-length literary works will be read and analyzed in the target language. ***Students will take SL IB Assessment.***

☆0701865	INTERNATIONAL BACCALAUREATE FRENCH 6	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB French 5-B World
	Type of Credit:	Language

The purpose of this course is to prepare students to take the IB examination. This course is designed to expand and fine-tune the students' comprehension and language production to near-native fluency. Full-length literary works will be read and analyzed in the target language. ***Students will take HL IB Assessment.***

☆0702800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE GERMAN 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Acceptance World
	Type of Credit:	Language

The purpose of this course is to introduce students to German and German culture and to develop communication skills and cross-cultural understanding. The content should include, but not be limited to, the following: - beginning skills in listening and speaking with special attention to pronunciation – introduction to reading and writing skills – fundamentals of grammar– fundamentals of culture.

☆0702810	FLORIDA'S PREINTERNATIONAL BACCALAUREATE GERMAN 2	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	German1-Pre-IB
	Type of Credit:	World Language

The purpose of this course is to expand previously acquired skills. The content should include, but not be limited to, the following: - expansion of vocabulary and conversational skills through discussions based on readings – strengthening of grammar skills through analysis of reading selections – acquisition of vocabulary relevant to everyday life of German-speaking people.

☆0702825	INTERNATIONAL BACCALAUREATE GERMAN 3	
	Offered:	Credit: Grade 10, 11
	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	German 2-Pre-IB World
		Language

The purpose of this course is to expand previously acquired skills. The content should include, but not be limited to, the following: developing oral fluency in the language, commenting on text meaning and content orally and in writing, and developing aural comprehension of a high standard.

☆0702830	INTERNATIONAL BACCALAUREATE GERMAN 4	
	Offered:	Credit: Grade 10, 11
	Length:	1.0
	Prerequisite:	Year
	Type of Credit:	German 2-Pre-IB World
		Language

The purpose of this course is to expand previously acquired skills. The content should include, but not be limited to, the following: developing oral fluency in the language, commenting on text meaning and content orally and in writing, and developing aural comprehension of a high standard.

☆0702840	INTERNATIONAL BACCALAUREATE GERMAN 5	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year German 4-Pre-IB World Language

The purpose of this course is to expand previously acquired skills. The content should include, but not be limited to, the following: - developing oral fluency in the language, commenting on text meaning and content orally and in writing, and developing aural comprehension of a high standard. ***Students will take SL IB Assessment.***

☆0708800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE SPANISH 1	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10 1.0 Year IB Acceptance World Language

The purpose of this course is to provide students with a preparatory course to meet the requirements of the IB Program. The students will receive an intensive introduction to the four language skills: speaking, listening, reading and writing.

☆0708810	FLORIDA'S PREINTERNATIONAL BACCALAUREATE SPANISH 2	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10 1.0 Year Pre-IB Spanish 1 World Language

The purpose of this course is to provide students with a preparatory course to meet the requirements of the IB Program. The course is designed to reinforce the basic skills already acquired. The content will include an expansion of the listening and oral skills. The students will read short passages and write simple compositions.

0708825	INTERNATIONAL BACCALAUREATE SPANISH 3	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11 1.0 Year Pre-IB Spanish 2 World Language

The purpose of this course is to provide students with a preparatory course to meet the requirements of the IB Program. The course is designed to enable students to speak and comprehend on a near native level, to read and analyze authentic literature and to write compositions demonstrating an advanced-level of vocabulary and structure.

0708830	INTERNATIONAL BACCALAUREATE SPANISH 4	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Spanish 3
	Type of Credit:	World Language

The purpose of this course is to provide students with a preparatory course to meet the requirements of the IB Program. The course is designed to enable students to speak and comprehend on a near native level, to read and analyze authentic literature and to write compositions demonstrating an advanced-level of vocabulary and structure.

☆0708840	INTERNATIONAL BACCALAUREATE SPANISH 5	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Spanish 4
	Type of Credit:	World Language

The purpose of this course is to prepare students to take the IB examination. This course is designed to expand and to refine the students' comprehension and language production to near-native fluency. Full- length literary works will be read and analyzed in the target language. ***Students will take SL IB Assessment.*** Any student who has earned 4 world language credits with a 3.0 unweighted average in a single language will receive the Florida Seal of Biliteracy at graduation.

☆0708865	INTERNATIONAL BACCALAUREATE SPANISH 6	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Spanish 5
	Type of Credit:	World Language

The purpose of this course is to prepare students to take the IB examination. This course is designed to expand and to refine the students' comprehension and language production to near-native fluency. Full- length literary works will be read and analyzed in the target language. ***Students will take HL IB Assessment.***

MATHEMATICS

☆1202375	INTERNATIONAL BACCALAUREATE PRE-CALCULUS	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Geometry/Algebra 2
	Type of Credit:	Math

This course serves as the year one of two preparations for the Mathematics SL Test. The purpose of this course is to introduce students to the basic concepts and techniques associated with work in algebraic concepts, functions and equations, circular functions and trigonometry, matrices, and vectors. It is expected that extensive use will be made of graphing calculators in both the development and the application of these topics. Access to computers is recommended. This course will include internally assessed and externally moderated portfolio requirements as well as periodic comprehensive reviews in preparation for the International Baccalaureate Examination.

☆1209300	INTERNATIONAL BACCALAUREATE MATHEMATICS: APPLICATIONS AND INTERPRETATION 1	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into IB Program
	Type of Credit:	Math

The aim of this course is to enable students to develop mathematical knowledge, concepts and principles, develop logical, critical and creative thinking and employ and refine their powers of abstraction and generalization. Students are also encouraged to appreciate the international dimensions of mathematics and the multiplicity of its cultural and historical perspectives.

☆1209305	INTERNATIONAL BACCALAUREATE MATHEMATICS: APPLICATIONS AND INTERPRETATION 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into IB Program
	Type of Credit:	Math

The aim of this course is to further enable students to develop mathematical knowledge, concepts and principles, develop logical, critical and creative thinking and employ and refine their powers of abstraction and generalization. Students are also encouraged to appreciate the international dimensions of mathematics and the multiplicity of its cultural and historical perspectives. Students will take the SL IB Assessment.

☆1209310	INTERNATIONAL BACCALAUREATE MATHEMATICS: APPLICATIONS AND INTERPRETATION 3	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into IB Program
	Type of Credit:	Math

The aim of this course is to further enable students to develop mathematical knowledge, concepts and principles, develop logical, critical and creative thinking and employ and refine their powers of abstraction and generalization. Students are also encouraged to appreciate the international dimensions of mathematics and the multiplicity of its cultural and historical perspectives. Students will take the HL IB Assessment for this course.

☆1201325	INTERNATIONAL BACCALAUREATE MATHEMATICS: ANALYSIS AND APPROACHES 1	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into IB Program
	Type of Credit:	Math

The aims of all DP mathematics courses are to enable students to: z develop a curiosity and enjoyment of mathematics, and appreciate its elegance and power z develop an understanding of the concepts, principles and nature of mathematics z communicate mathematics clearly, concisely and confidently in a variety of contexts z develop logical and creative thinking, and patience and persistence in problem solving to instill confidence in using mathematics.

☆1201330	INTERNATIONAL BACCALAUREATE MATHEMATICS: ANALYSIS AND APPROACHES 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into IB Program
	Type of Credit:	Math

The aims of all DP mathematics courses are to enable students to: z develop a curiosity and enjoyment of mathematics, and appreciate its elegance and power z develop an understanding of the concepts, principles and take action to apply and transfer skills to alternative situations, to other areas of knowledge and to future developments in their local and global communities. Students will take the SL IB Assessment.

☆1201335	INTERNATIONAL BACCALAUREATE MATHEMATICS: ANALYSIS AND APPROACHES 3	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Acceptance into IB Program
	Type of Credit:	Math

The aims of all DP mathematics courses are to enable students to take action to apply and transfer skills to alternative situations, to other areas of knowledge and to future developments in their local and global communities z appreciate how developments in technology and mathematics influence each other z appreciate the moral, social and ethical questions arising from the work of mathematicians and the applications of mathematics z appreciate the universality of mathematics and its multicultural, international and historical perspectives z appreciate the contribution of mathematics to other disciplines, and as a particular “area of knowledge” in the TOK course z develop the ability to reflect critically upon their own work and the work of others z independently and collaboratively extend their understanding of mathematics. Students will take the HL IB Assessment.

MUSIC

☆1300800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE MUSIC 1	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

This course will introduce students to the rudiments of music and its study, using the techniques of listening, performing and composing implemented through the use of keyboard, computer-assisted instruction and/or other performance media. This course is intended to develop a historical perspective of music from the Plainsong Era to present day, an awareness of the multi-cultural aspect of music, social skills, and to further develop formal study of music through the conducting and directing of ensembles. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆1300810	FLORIDA'S PREINTERNATIONAL BACCALAUREATE MUSIC 2	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre IB Music 1
	Type of Credit:	Performing Fine Arts

This course aims to further the students introduction to the rudiments of music and its study, using the techniques of listening, performing and composing implemented through the use of keyboard, computer-assisted instruction and/or other performance media. This course is intended to develop a historical perspective of music from the Plainsong Era to present day, an awareness of the multi-cultural aspect of music, social skills, and to further develop formal study of music through the conducting and directing of ensembles. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆1300816	INTERNATIONAL BACCALAUREATE MUSIC 1	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-IB Music
	Type of Credit:	Performing Fine Arts

The purpose of this course is to introduce students to the rudiments of music and its study, using the techniques of listening, performing and composing implemented through the use of keyboard, computer-assisted instruction and/or other performance media. This course will also develop a historical perspective of music from the Plainsong Era to present day, develop an awareness of the multi-cultural aspect of music and develop social skills and to further formal study of music through the conducting and directing of ensembles. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆1300818	INTERNATIONAL BACCALAUREATE MUSIC 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year

	Prerequisite:	Pre-IB Music
	Type of Credit:	Performing Fine Arts

The purpose of this course is to further the IB students' knowledge of the rudiments of music and its study, using the techniques of listening, performing and composing implemented through use of keyboard, computer-assisted instruction and/or other performance media. This course will further develop a historical perspective of music from the Plainsong Era to present day, develop an awareness of the multicultural aspect of music, and further develop social skills and further formal study of music through the conducting and directing of ensembles. This course will also prepare the IB student for further the formal study of the science of music in higher education. ***Students will take SL IB Assessment.*** Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆1300820	INTERNATIONAL BACCALAUREATE MUSIC 3	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Performing Fine Arts

The purpose of this course is to further the IB students' knowledge of the rudiments of music and its study, using the techniques of listening, performing and composing implemented through use of keyboard, computer-assisted instruction and/or other performance media. This course will further develop a historical perspective of music from the Plainsong Era to present day, develop an awareness of the multicultural aspect of music, and further develop social skills and further formal study of music through the conducting and directing of ensembles. This course will also prepare the IB student for further the formal study of the science of music in higher education. ***Students will take HL IB Assessment.*** Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

RESEARCH

☆0900800	INTERNATIONAL BACCALAUREATE THEORY OF KNOWLEDGE 1	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	IB Requirement

The purpose of this course is to make explicit through analysis, comparison, and interdisciplinary integration, the concepts of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, history, and in moral, political, and aesthetic judgments. Students will be taught to identify sources of knowledge and evaluate knowledge claims, distinguish between knowledge by acquaintance and knowledge by description, evaluate language as a means of conveying knowledge, construct knowledge claims, analyze formal systems of knowledge, examine the relation of knowledge to value judgments, and distinguish degrees of certainty.

☆0900810	INTERNATIONAL BACCALAUREATE THEORY OF KNOWLEDGE 2	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Theory of Knowledge 1
	Type of Credit:	IB Requirement

This course aims to make students aware of the interpretative nature of knowledge, including personal ideological biases – whether these biases are retained, revised or rejected. It offers students and their teachers the opportunity to reflect critically on diverse ways of knowing and on areas of knowledge and to consider the role and nature of knowledge in their own culture, in the cultures of others and in the wider world.

SCIENCE

☆2000800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE BIOLOGY 1	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB acceptance
	Type of Credit:	Biology

The purpose of the Florida Pre-IB course is to prepare students for the International Baccalaureate Diploma Program (DP). As such, this course will provide academic rigor and relevance through a comprehensive curriculum based on the Next Generation Sunshine State Standards taught with reference to the unique facets of the IB. Pre-IB Biology 1 course introduces students to how scientists work and communicate with each other. There is an emphasis on a practical approach through experimental work, which mirrors the work of real scientists by encouraging collaboration between schools across the regions. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The Nature of Science is integrated throughout the course through three content clusters: 1. Organisms, Populations and Ecosystems, 2. Classification, Heredity and Evolution, 3. Molecular and Cellular Biology. **All students are required to pass Biology 1. The Biology End Of Course Exam will account for 30% of the final grade. Students working towards the Scholar Designation must pass the Biology EOC.**

☆2000805	INTERNATIONAL BACCALAUREATE BIOLOGY 1	
	Offered:	Grade 10, 11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-IB Biology 1
	Type of Credit:	Biology

This rigorous course provides a study of the facts, principles and processes of biology and the collection, interpretation, and formulation of hypotheses from available data. Focus on enriched laboratory activities are integral to this course. Contemporary issues such as feeding the world's population, genetic engineering, population dynamics, etc., are included for critical current and future decision-making. Some preserved animal studies may be a part of this course.

☆2000810	INTERNATIONAL BACCALAUREATE BIOLOGY 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-IB Biology 1
	Type of Credit:	EQ Science

This rigorous course provides a study of the facts, principles and processes of biology and the collection, interpretation, and formulation of hypotheses from available data. Focus on enriched laboratory activities is integral to this course. Contemporary issues such as feeding the world's population, genetic engineering, population dynamics, etc., are included for critical current and future decision-making. Some preserved animal studies may be a part of this course. ***Students will take SL IB Assessment.***

☆2000820	INTERNATIONAL BACCALAUREATE BIOLOGY 3	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Biology 2
	Type of Credit:	EQ Science

This course provides students with a rigorous study of the facts, principles, and processes of biology. Collection and interpretation of data is included. Content includes biological ethics, philosophy and political issues is included for critical current and future decision-making. Some preserved animal studies may be a part of this course. ***Students will take HL IB Assessment.***

☆2001370	INTERNATIONAL BACCALAUREATE ENVIRONMENTAL SYSTEMS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Acceptance
	Type of Credit:	EQ Science

This is a rigorous class designed to provide students with an understanding of the environment and human interactions with it. Environmental Systems is a true interdisciplinary class and students will be expected to demonstrate proficiency in Biology, Chemistry, Physics, Statistics, and geography among other disciplines. Through a systems-centered approach, students will investigate environmental issues using scientific inquiry in labs and projects, read scientific novels, and participate in college- level lectures. Students will take the SL IB Assessment.

☆2001375	INTERNATIONAL BACCALAUREATE ENVIRONMENTAL SYSTEMS & SOCIETIES 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Acceptance
	Type of Credit:	EQ Science

This is a rigorous class designed to provide students with an understanding of the environment and human interactions with it. Environmental Systems is a true interdisciplinary class and students will be expected to demonstrate proficiency in Biology, Chemistry, Physics, Statistics, and geography among other disciplines. Through a systems-centered approach, students will investigate environmental issues using scientific inquiry in labs and projects, read scientific novels, and participate in college- level lectures. ***Students will take SL IB Assessment.***

☆2003800	FLORIDA'S PREINTERNATIONAL BACCALAUREATE CHEMISTRY 1	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	IB Acceptance
	Type of Credit:	EQ Science, Physical

The course provides a rigorous study of the composition, properties and changes associated with matter. Content includes heat, changes of matter, atomic structure, bonding, formulas and equations, mole concepts, gas laws, energy and order, reaction rates and equilibrium, solutions and electrochemistry. Challenging laboratory investigations and safety are integral to this course.

☆2003805	INTERNATIONAL BACCALAUREATE CHEMISTRY 1	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Chemistry 1-Pre-IB
	Type of Credit:	EQ Science, Physical

This course provides a rigorous study of the composition, properties and changes associated with matter. Content includes chemical behavior, inorganic and organic chemistry, atomic and kinetic theories, and effective use of chemical apparatus. Safety and challenging chemical laboratory investigations which manipulate qualitative and quantitative data are integral to the course.

☆2003810	INTERNATIONAL BACCALAUREATE CHEMISTRY 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Chemistry 1-IB
	Type of Credit:	EQ Science, Physical

This course provides a rigorous study of the composition, properties and changes associated with matter. Content includes chemical behavior, inorganic and organic chemistry, atomic and kinetic theories, and effective use of chemical apparatus. Safety and challenging chemical laboratory investigations which manipulate qualitative and quantitative data are integral to the course. ***Students will take SL IB Assessment.***

☆2003820	INTERNATIONAL BACCALAUREATE CHEMISTRY 3	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year Chemistry
	Prerequisite:	2-IB
	Type of Credit:	EQ Science, Physical

This course provides a rigorous study of practical work, atomic theory, structure and bonding, energetic, states of matter, kinetics, equilibrium, periodicity, and carbon chemistry. Safety and highly challenging laboratories are integral to the course. ***Students will take HL IB Assessment.***

☆2003845	INTERNATIONAL BACCALAUREATE PHYSICS 2	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	EQ Science, Physical

The purpose of this course is to provide an algebra-based overview of physics according to the IB syllabus guide. Content should include, but not be limited to, mechanics, thermodynamics, waves, electricity and magnetism, modern physics, and relativity. Laboratory investigations involve application of the scientific method, proper use of laboratory apparatus, and safety precautions. Students will be required to take the IB Physics Standard Level Exam upon completion of the course. ***Students will take SL IB Assessment.***

☆2003850	INTERNATIONAL BACCALAUREATE PHYSICS 3 (HL)	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year None
	Prerequisite:	EQ Science, Physical
	Type of Credit:	

The purpose of this course is to provide an algebra-based overview of physics according to the IB syllabus guide. Content should include, but not be limited to, mechanics, thermodynamics, waves, electricity and magnetism, modern physics, and relativity. Laboratory investigations involve application of the scientific method, quantitative relationships, proper use of laboratory apparatus, and safety precautions. Students will be required to take the IB Physics Standard Level Exam upon completion of the course. ***Students will take HL IB Assessment.***

SOCIAL STUDIES

☆2100800	INTERNATIONAL BACCALAUREATE HISTORY OF AMERICAS	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	American History-IB
	Type of Credit:	IB Requirement

This course will provide an opportunity to acquire a comprehensive understanding of the major themes that give meaning to the historical development of the nations of the Western Hemisphere by achieving an understanding of the historical method, the process of inquiry, historical reasoning and interpretation, and change. The content will include, but not be limited to, an understanding of the geo-historic development in time-space, that the North and South American land mass had on national cultural development, an analysis of the significant turning points and trends in the development of hemispheric culture and institutions, a comparison and evaluation of the development of Anglo-American and Latin American ideals and characteristics, comparisons of technology changes and population shifts in Anglo- America and Latin America, and an evaluation of those significant domestic and foreign issues facing the nations in the Western Hemisphere.

☆2102820	INTERNATIONAL BACCALAUREATE ECONOMICS 2 SL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Comparative Economic Systems/Teacher Recommendation
	Type of Credit:	IB Elective

This course provides a comprehensive understanding of the ways in which society organizes to utilize its limited resources and of the distinguishing characteristics of other types of economic systems with particular attention to the American mixed market system. ***Students will take SL IB Assessment.***

☆2102830	INTERNATIONAL BACCALAUREATE ECONOMICS 3 HL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Comparative Economic Systems/Teacher Recommendation IB Elective
	Type of Credit:	

The purpose of this course is to prepare students to take the IB HL examination. The course provides a comprehensive understanding of the ways in which society organizes to utilize its limited resources and of the distinguishing characteristics of other types of economic systems with particular attention to the American mixed market system. ***Students will take HL IB Assessment.***

☆2109805	INTERNATIONAL BACCALAUREATE CONTEMPORARY HISTORY 2	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 12 1.0 Year IB Acceptance Pre-IB Requirement

This course provides an understanding of the development of the contemporary world through an investigation of the significant events and trends which have occurred during the recent past. The students will engage in in-depth analysis of historical events of the mid to late twentieth century from a global perspective in order to increase understanding of events occurring in their lifetime. Content will include historical antecedents of contemporary political, social, economic, and religious problems; competing goals of the world's political and economic systems; the influence of major historical and contemporary figures; and the projection of current trends into the near future. ***Students will take HL IB Assessment.***

☆2107800	INTERNATIONAL BACCALAUREATE PSYCHOLOGY 1	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 1.0 Year None IB Elective

The purpose of this course is to provide students with the opportunity to acquire an understanding of human behavioral interaction, and the progressive development of individuals. The content will include the theories and methods of study employed by psychologists, human growth and development, self- concept development, adjustment, motivation and desire, intelligence, human interaction, conditioning and learning, attitudes and social influences, memory, personality, behavior, conformity, autonomy, alienation, stress, mental health, psychological testing and therapy. ***Students will take District EOC.***

☆2107810	INTERNATIONAL BACCALAUREATE PSYCHOLOGY 2 SL	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 12 1.0 Year Psychology 1-IB IB Elective

This course provides students with the opportunity to acquire an understanding of research methodology, as applied to the study of human behavior. Specific content to be covered will include human growth and development, self-concept development, adjustment, motivation and desire, intelligence, human interaction, conditioning and learning, attitudes and social influence, memory, personality, behavior, emotional frustration, abnormal behavior, conformity, autonomy, alienation, stress, and mental health. ***Students will take SL IB Assessment.***

☆2107820	INTERNATIONAL BACCALAUREATE PSYCHOLOGY 3 HL	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 12 1.0 Year Psychology 1-IB IB Elective

This course provides students with the opportunity to acquire an understanding of research methodology, as applied

to the study of human behavior. Specific content to be covered will include human growth and development, self-concept development, adjustment, motivation and desire, intelligence, human interaction, conditioning and learning, attitudes and social influence, memory, personality, behavior, emotional frustration, abnormal behavior, conformity, autonomy, alienation, stress, and mental health. ***Students will take HL IB Assessment.***



CAMBRIDGE
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Program of Studies

2024-2025

CAMBRIDGE PREAICE (IGCSE) COURSES

☆1001560	PRE-AICE ENGLISH LANGUAGE IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	English/Language Arts

This course is designed for learners to develop the ability to communicate clearly, accurately and effectively in both speech and writing. They learn how to employ a wide-ranging vocabulary, use correct grammar, spelling and punctuation, and develop a personal style and an awareness of the audience being addressed. Learners will also read widely, both for their own enjoyment and to further their awareness of the ways in which English can be used. This course also develops more general analysis and communication skills such as synthesis, inference, and the ability to order facts and present opinions effectively.

☆1005380	PRE-AICE ENGLISH LITERATURE IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	English/Language Arts

This course enables learners to read, interpret and evaluate texts through the study of literature in English. Learners develop an understanding of literal meaning, relevant contexts and of the deeper themes or attitudes that may be expressed. Through their studies, they learn to recognize and appreciate the ways in which writers use English to achieve a range of effects, and will be able to present an informed, personal response to the material they have studied. This course also develops the exploration of wider and universal issues, promoting learners' better understanding of themselves and of the world around them.

☆2109321	PRE-AICE WORLD HISTORY IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World History

In this course, learners will look at major international issues of the nineteenth and twentieth centuries, as well as covering the history of particular regions in more depth. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of the nature of cause and effect, continuity and change, similarity and difference and find out how to use and understand historical evidence as part of their studies. Cambridge IGCSE History will stimulate any learner already interested in the past, providing a basis for further study, and also encouraging a lifelong interest in the subject. Both coursework and non-coursework options are available.

☆2103420	PRE-AICE GEOGRAPHY IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

In this course, learners will develop a 'sense of place' by looking at the world around them on a local, regional and global scale. Learners will examine a range of natural and man-made environments, and study some of the processes which affected their development. They will also look at the ways in which people interact with their environment and the opportunities and challenges an environment can present, thereby gaining a deeper insight into the different communities and cultures that exist around the world.

2102323	PRE-AICE ECONOMICS IGCSE	
	Offered:	Grade 9, 10
	Credit:	0.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Economics

This course develops an understanding of economic terminology and principles and of basic economic theory. Learners study the economics of developed and developing nations and how these interrelate. They also learn to handle simple data and undertake economic analysis, evaluate information and discriminate between facts and value judgements in economic issues. A foundation for further study the course also enables a better understanding of the world in which learners live and helps them play an active part in the decision-making process, whether as consumers, producers or citizens of the local, national and international community.

☆ 0708532	PRE-AICE SPANISH 1 IGCSE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World Language

This course is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages. This is an honors level course.

☆ 0708534	PRE-AICE SPANISH 2 IGCSE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Spanish 1 or equivalent course
	Type of Credit:	World Language

This course is a continuation of Pre-AICE Spanish 1 and is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

☆ 0708536	PRE-AICE SPANISH 3 IGCSE	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Spanish 2 or equivalent course
	Type of Credit:	World Language

This course is a continuation of Pre-AICE Spanish 2 and is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's

progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

☆0701394	PRE-AICE FRENCH 1 IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course is designed for learners who are learning French as a foreign language. The aim is to develop an ability to use the language effectively for purposes of practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where French is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages. This is an honors level course.

3026015	PRE-AICE PHYSICAL EDUCATION IGCSE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Personal Fitness/Physical Education

The purpose of this required course is to teach students the importance of maintaining an optimal level of health fitness and how to assess and develop that fitness. The content will also include knowledge of health problems associated with inadequate fitness levels, knowledge and application of human body and the physiological principles of fitness, proper nutrition, stress management, and consumer issues related to physical fitness. Students will develop individual wellness plans

☆1700362	PRE-AICE GLOBAL PERSPECTIVES IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course is a groundbreaking and stimulating course that stretches across traditional subject boundaries and develops transferable skills. It is both cross-curricular and skills-based and taps into the way learners of today enjoy learning, including teamwork, presentations, projects, and working with other learners around the world. The emphasis is on developing the ability to think critically about a range of global issues where there is always more than one point of view.

☆2000322	PRE-AICE BIOLOGY IGCSE Level	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	none
	Type of Credit:	Biology

This course helps learners to understand the technological world in which they live and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of biology through a mix of theoretical and practical studies. They also develop an understanding of the scientific skills essential for further study at Cambridge International A Level, which are useful in everyday life. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities, and the environment. Students who are taking this course as their High School Biology credit will also sit for the Biology EOC. The Biology EOC has three Reporting Categories which include: Molecular and Cellular Biology (35%), Organisms, Populations and Ecosystems (40%), Classification, Heredity and Evolution of Living Organisms (40%). **The Biology End Of Course Exam will account for 30% of the final grade. Students working towards the Scholar Designation must pass the Biology EOC.**

☆2001342	PRE-AICE ENVIRONNEMENTAL MANAGEMENT 1 IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	none
	Type of Credit:	EQ Science

This course enables learners to understand sustainable development in a world where the security of resources and life- sustaining systems is endangered by human impact. It draws upon disciplines such as biology, Earth science, geography and economics. Learners gain an understanding of the Earth's natural systems and how people use natural resources; they then investigate the impact of human development on the environment and learn how the environment can be managed sustainably in the future, from a local as well as a global perspective.

☆2003335	PRE-AICE PHYSICAL SCIENCE IGCSE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	none
	Type of Credit:	EQ Science, Physical

This course helps learners to understand the technological world in which they live and take an informed interest in science and scientific developments. It is a single award qualification, earning one grade. They learn about the basic principles of Physical Science through a mix of theoretical and practical studies. As they progress, learners gain an understanding of how science is studied and practiced and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

☆2003372	PRE-AICE CHEMISTRY IGCSE	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or equivalent course
	Type of Credit:	EQ Science, Physical

This course enables learners to understand the technological world in which they live and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of Chemistry through a mix of theoretical and practical studies. They also develop an understanding of the scientific skills essential. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

☆2003432	PRE-AICE PHYSICS IGCSE	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or equivalent course
	Type of Credit:	EQ Science, Physical

This course enables learners to understand the technological world in which they live and take an informed interest in science and scientific developments. They learn about the basic principles of Physics through a mix of theoretical and practical studies. Learners also develop an understanding of the scientific skills essential for further study. As they progress, learners gain an understanding of how science is studied and practiced and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

CAMBRIDGE AICE GROUP 1 COURSES (MATH AND SCIENCE)

☆1202352	CAMBRIDGE AICE MATHEMATICS 1 AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2
	Type of Credit:	Math

This course develops a set of transferable skills. These include the skill of working with mathematical information, as well as the ability to think logically and independently, consider accuracy, model situations mathematically, analyze results and reflect on findings. Learners can apply these skills across a wide range of subjects and these skills equip them well for progression to higher education or directly into employment. ***Students will take the AS Level examination***

☆1210330	CAMBRIDGE AICE MATH STATISTICS AS LEVEL	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2 or AS Mathematics 1
	Type of Credit:	Math

This course develops a set of transferable skills. These include the skill of working with mathematical information, as well as the ability to think logically and independently, consider accuracy, model situations mathematically, analyze results and reflect on findings. Learners can apply these skills across a wide range of subjects and these skills equip them well for progression to higher education or directly into employment.

☆0200480	CAMBRIDGE AICE COMPUTER SCIENCE 1 – AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course encourages learners to meet the needs of higher education courses in computer science as well as twenty- first century digital employers. It encourages leaders to think creatively, through applying practical programming solutions, demonstrating that they are effective uses of technology. Learners develop computational thinking & programming skills to solve computer science problems. Cambridge International AS and A Level Computer Science will help learners develop a range of skills such as thinking creatively, analytically, logically and critically. They will also be able to appreciate the ethical issues that arise with current and emerging computing technologies. ***Students will take the AS Level examination.***

☆0200490	CAMBRIDGE AICE INFORMATION TECHNOLOGY 1 – AS LEVEL	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Computer Science 1
	Type of Credit:	Elective

This course encourages learners to become effective and discerning users of IT. It helps them to develop a broad range of IT skills, knowledge and understanding. Learners study the structure and use of IT systems within a wide range of organizations, including the use of a variety of computer networks. As a result, learners gain an understanding of IT system life cycles, and how these affect the workplace. They also learn about the wider impact of IT on society in general. At A Level, learners also study simple programming for the web relevant to their own use of IT. ***Students will take the AS Level examination.***

☆3026020	CAMBRIDGE AICE PHYSICAL EDUCATION – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Preaice Phys Ed
	Type of Credit:	Physical Education

Students will learn both practical and theoretical, covering anatomy and physiology, movement skills and contemporary studies in sport. Learners are encouraged to try out a range of physical activities, including team and individual sports, games, and outdoor activities, and then use the theoretical knowledge they have gained to analyze the different factors influencing performance. The course encourages learners to understand and explain global trends in Physical Education and Sport. ***Students will take the AS Level examination.***

☆2000321	CAMBRIDGE AICE BIOLOGY 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Biology or equivalent course EQ
	Type of Credit:	Science

Students will learn main theoretical concepts which are fundamental to the subject, a section on some current applications of biology, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of biology ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem- solving skills which are transferable to any future career path. ***Students will take the AS Level examination.***

☆2000323	CAMBRIDGE AICE BIOLOGY 2 – A LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Biology or equivalent course EQ
	Type of Credit:	Science

Students will learn main theoretical concepts which are fundamental to the subject, a section on some current applications of biology, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of biology ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem- solving skills which are transferable to any future career path. ***Students will take the A Level examination.***

☆2001381	CAMBRIDGE AICE ENVIRONMENTAL MANAGEMENT – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or Pre AICE Environmental or equivalent course EQ
	Type of Credit:	Science

Students will learn environmental issues and their management, especially the human aspect. Through their studies, learners gain an understanding of environmental resources and their human exploitation, and the goal of sustainable environmental management. Learners also consider a range of case study material which can feature local, regional or global examples. ***Students will take the AS Level examination.***

☆2002515	CAMBRIDGE AICE MARINE SCIENCE 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or equivalent
	Type of Credit:	course EQ Science

Students will learn a coherent and stimulating introduction to the science of the marine environment. The AS part of the course concentrates on the scientific study of the sea and its ecosystems. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts as well as on the acquisition of knowledge, and the course encourages creative thinking and problem-solving skills which are transferable to any future career path. It is expected that practical activities will underpin the teaching of the whole course. ***Students will take the AS Level examination.***

☆2002535	CAMBRIDGE AICE MARINE SCIENCE 2 – A LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Marine Science or equivalent
	Type of Credit:	course EQ Science

Students will learn a coherent and stimulating introduction to the science of the marine environment. The AS part of the course concentrates on the scientific study of the sea and its ecosystems. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts as well as on the acquisition of knowledge, and the course encourages creative thinking and problem-solving skills which are transferable to any future career path. It is expected that practical activities will underpin the teaching of the whole course. ***Students will take the A Level examination.***

☆2003371	CAMBRIDGE AICE CHEMISTRY 1 – AS LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology and Pre AICE Chemistry or equivalent course
	Type of Credit:	EQ Science, Physical

Students will learn the main theoretical concepts which are fundamental to the subject, a section on some current applications of chemistry, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of chemistry ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. ***Students will take the AS Level examination.***

☆2003373	CAMBRIDGE AICE CHEMISTRY 2– A LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Chemistry or equivalent course
	Type of Credit:	EQ Science, Physical

Students will learn the main theoretical concepts which are fundamental to the subject, a section on some current applications of chemistry, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of chemistry ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. ***Students will take the A Level examination.***

☆2003431	CAMBRIDGE AICE PHYSICS 1 – AS LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or equivalent course and Algebra 2 or equivalent course
	Type of Credit:	EQ Science , Physical

Students will expand their knowledge of the basic principles of Physics through a mix of theoretical and practical studies. Learners also develop an understanding of the scientific skills essential for further study. ***Students will take the AS Level examination.***

☆2107360	CAMBRIDGE AICE PSYCHOLOGY 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	none
	Type of Credit:	Elective

In this course, students will develop their appreciation of the subject by exploring the ways in which psychology is conducted. As part of their studies, learners also review important research; this provides an insight into the ways in which psychology has been applied, thereby leading to a better understanding of key approaches, research methods and issues and debates. The course reflects four core areas of psychology, namely biological, cognitive, learning and social; it also relates psychology to abnormality, consumer behavior, health and organizations. ***Students take the AS Level examination.***

CAMBRIDGE AICE GROUP 2 COURSES (LANGUAGES)

☆1001550	CAMBRIDGE AICE ENGLISH LANGUAGE – AS Level	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Preaice English Language or equivalent course
	Type of Credit:	English/Language Arts

Students will learn and study English language and its use in communication. Learners will be encouraged to respond critically to a wide variety of texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis. Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively and effectively for different purposes and audiences. ***Students will take the AS Level examination.***

☆1001555	CAMBRIDGE AICE ENGLISH Language and Literature AS Level	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	PreAice English Language or equivalent course
	Type of Credit:	English/Language Arts

Students will develop an appreciation of literature in English - prose, poetry and drama - of different types and from different cultures; and to develop the key skills required to read, analyse and communicate effectively in English. By studying a range of texts, learners understand more about writers' choices of language, form and structure, and develop their ability to form independent opinions about what they read. Learners also improve their understanding of the English language and how it is used, extending their skills across a range of writing styles, including imaginative, discursive and argumentative and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively and effectively for different purposes and audiences. ***Students will take the AS Level examination***

☆0708538	CAMBRIDGE AICE SPANISH LANGUAGE – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Preaice Spanish 2 or equivalent course
	Type of Credit:	World Language

Students will achieve greater fluency, accuracy and confidence in the language as it is spoken and written form and improve their communication skills. They will learn how to improve their use of Spanish in a variety of situations, understanding how to read texts and other source materials, extract information, initiate conversations and respond to questions both orally and in writing. ***Students will take the AS Level examination***

CAMBRIDGE AICE GROUP 3 COURSES (ARTS & HUMANITIES)

☆0108400	CAMBRIDGE AICE DIGITAL MEDIA AND DESIGN 1 AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Digital Media/MM Found 1 or equivalent course
	Type of Credit:	Performing Fine Arts

This course will explore a range of processes and techniques in digital media. The subject content is grouped into three broad areas of study; digital photography, moving image through film and animation, and mobile and multimedia applications including games design. You can structure a course around a single area of study or create a course that includes a combination of two or three areas of study. This course helps learners develop the knowledge and skills that will prepare them for further study and to work in a collaborative industry. They will develop an awareness of the world of digital media and design and the factors and contexts that influence it. ***Students will take the AS Level examination.***

☆0101370	CAMBRIDGE AICE ART & DESIGN 1 AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation/ Drawing 1 or equivalent
	Type of Credit:	Performing Fine Arts

The purpose of this course is to give an art student the opportunity to develop quality, concentration and breadth in drawing concepts, skills, and techniques. The content should include, but not be limited to, the experiences in the development of perceptual, conceptual, and technical aspects of drawing, painting and/or printmaking. Preparation of the appropriate number of works, digital documentation for portfolio evaluation. ***Students will take the AS Level examination.***

☆1001555	CAMBRIDGE AICE ENGLISH Language and Literature AS Level	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	PreAice English Language or equivalent course
	Type of Credit:	English/Language Arts

Students will develop an appreciation of literature in English - prose, poetry and drama - of different types and from different cultures; and to develop the key skills required to read, analyse and communicate effectively in English. By studying a range of texts, learners understand more about writers' choices of language, form and structure, and develop their ability to form independent opinions about what they read. Learners also improve their understanding of the English language and how it is used, extending their skills across a range of writing styles, including imaginative, discursive and argumentative.

☆1005370	CAMBRIDGE AICE ENGLISH LITERATURE 1 AS LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS English General Paper or equivalent course
	Type of Credit:	English/Language Arts

Learners will study a range of texts in the three main forms: prose, poetry and drama. Set texts are offered from a wide range of different periods and cultures. Learners will develop skills of reading and analysis of texts, and are encouraged to undertake wider reading to aid understanding of the texts studied. They will learn skills of effective and appropriate communication including the ability to discuss the critical context of texts. ***Students will take the AS Level examination.***

☆1100460	CAMBRIDGE AICE MEDIA STUDIES AS LEVEL	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components - the Foundation Portfolio for AS Level and the Advanced Portfolio for A Level - they create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. ***Students will take the AS Level examination.***

☆0708540	CAMBRIDGE AICE SPANISH LITERATURE AS LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Spanish Language 2 or equivalent course
	Type of Credit:	World Language

Students will achieve greater fluency, accuracy and confidence in the language written form. They will acquire an appreciation of literature written in Spanish and develop an understanding on how to read texts and other source materials, extract information, initiate conversations and respond to questions. ***Students will take the AS Level examination.***

☆1300395	CAMBRIDGE AICE MUSIC 1 AS LEVEL	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Fine Arts

This is an advanced music class that is an in-depth study of music history and/or music performance. The topics covered in the class cover a wide range of musical ideas including (but not limited to) form, harmonic structure, historical context, and emotion in music. Two fundamental ideas in music are assigned by Cambridge each year for in depth study. Additional concepts are assigned by the teacher to ensure a thorough understanding of music. There are two possible tracks students may elect to take in the class. ***Students will take the AS Level examination.***

☆3026020	CAMBRIDGE AICE PHYSICAL EDUCATION AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Phys Ed and Biology or equivalent courses
	Type of Credit:	Physical Education

Students will learn both practical and theoretical, covering anatomy and physiology, movement skills and contemporary studies in sport. Learners are encouraged to try out a range of physical activities, including team and individual sports, games, and outdoor activities, and then use the theoretical knowledge they have gained to analyze the different factors influencing performance. The course encourages learners to understand and explain global trends in Physical Education and Sport. ***Students will take the AS Level examination.***

☆2001381	CAMBRIDGE AICE ENVIRONMENTAL MANAGEMENT – AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite	Pre AICE Biology or Pre AICE Environmental or equivalent course
	Type of Credit:	EQ Science

Students will learn environmental issues and their management, especially the human aspect. Through their studies, learners gain an understanding of environmental resources and their human exploitation, and the goal of sustainable environmental management. Learners also consider a range of case study material which can feature local, regional or global examples. ***Students will take the AS Level examination.***

☆2107360	CAMBRIDGE AICE PSYCHOLOGY 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	none
	Type of Credit:	Elective

In this course, students will develop their appreciation of the subject by exploring the ways in which psychology is conducted. As part of their studies, learners also review important research; this provides an insight into the ways in which psychology has been applied, thereby leading to a better understanding of key approaches, research methods and issues and debates. The course reflects four core areas of psychology, namely biological, cognitive, learning and social; it also relates psychology to abnormality, consumer behavior, health and organizations. ***Students take the AS Level examination.***

☆2102324	CAMBRIDGE AICE BUSINESS 1 AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

Students will understand and appreciate the nature and scope of business, and the role it plays in society. It encourages students to examine the process of decision-making in a dynamic and changing business environment and to develop critical understanding of business organizations. They learn about business and its environment, human resource management, marketing, operations management and finance and accounting. ***Students will take the AS Level examination.***

☆2108310	CAMBRIDGE AICE SOCIOLOGY 1 AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

In a rapidly changing world, this course offers students the opportunity to not only explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies and their continuities with the past. The study of Sociology should stimulate awareness of contemporary social, cultural and political issues, and focus attention on the importance of examining these issues in a rigorous, reasoned and analytical way. ***Students take the AS Level examination.***

0900500	CAMBRIDGE AICE CLASSICAL STUDIES 1 AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Humanities - Elective

Students will have an understanding of the civilizations of ancient Greece and Rome, and an appreciation of the diversity of the Classical world. The syllabus exposes learners to a range of original sources (textual, material, archaeological) and develops their abilities to interpret, analyze and evaluate a range of evidence. ***Students will take the AS Level examination.***

☆2109371	CAMBRIDGE AICE EUROPEAN HISTORY 1 AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE World History or equivalent course
	Type of Credit:	World History

Students will understand and be immersed in historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. ***Students will take the corresponding Cambridge AICE exam.***

☆2100500	CAMBRIDGE AICE U.S. HISTORY 1 – AS LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	U.S. History

In this course, learners will modern history in the nineteenth and twentieth centuries. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. At AS learners can select from topics in American history. ***Students will take the AS Level – American History examination.***

☆2100490	CAMBRIDGE AICE INTERNATIONAL HISTORY 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World History

In this course, learners will modern history in the nineteenth and twentieth centuries. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. At AS learners can select from topics in International history. ***Students will take the AS Level – International History examination.***

☆2103410	CAMBRIDGE AICE GEOGRAPHY 1 – AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

Students will learn how geography occupies a central position in understanding and interpreting issues affecting people,

places and environments, and change in space and time. This syllabus encourages learners to understand contemporary issues and the complexity of environmental systems. Learners gain an understanding of the impacts of human activity on environments and how these impacts can be managed sustainably. This syllabus emphasizes studying real examples and case studies to show the diversity and interdependence of physical and human environments. ***Students will take the AS Level examination.***

☆0400346	CAMBRIDGE AICE DRAMA 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Arts/Fine Arts

Cambridge International AS & A Level Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. They learn to communicate with an audience through practical and creative work on performance texts and their own devised material, both as individuals and in groups. Underpinned by theoretical and practical study, they learn to research, analyse, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama. Cambridge International AS & A Level Drama provides a foundation for the further study of drama or related courses in higher education. Students will submit coursework and sit for written portions to earn an exam score at the end of the course. At AS Level, students focus on three key areas: (1) the exploration, interpretation and analysis of the potential of dramatic texts in a performance context (2) the development of dramatic skills and their application to the process of devising based on a selected stimulus (3) the development of acting skills and their application to scripted performance. ***Students take the AS Level examination.***

☆0400347	CAMBRIDGE AICE DRAMA 1 – A LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Drama and Teacher Recommendation
	Type of Credit:	Performing Arts/Fine Arts

Cambridge International AS & A Level Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. They learn to communicate with an audience through practical and creative work on performance texts and their own devised material, both as individuals and in groups. Underpinned by theoretical and practical study, they learn to research, analyse, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama. Students will submit coursework and sit for written portions to earn an exam score at the end of the course. At A Level, students focus on three key areas: (1) theatre-making and performance through the process of devising and presenting a piece inspired by a selected practitioner or tradition or style (2) structuring individual performance work from materials on a chosen theme selected and linked by the student (3) exploration of and research into performance texts, practitioners, styles, and genres. ***Students take the A Level examination.***

☆2102410	CAMBRIDGE AICE TRAVEL AND TOURISM 1 – AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

In this course, learners learn and appreciate the scale and importance of the travel and tourism industry in the world and recognize the positive and negative impacts the industry may have on people, environments and economies. Learners discover that the travel and tourism industry is dynamic in nature and how the industry responds to change: for example, external factors such as changing consumer needs and expectations, developments in ICT. The syllabus encourages learners to develop practical and technical skills relevant to the industry, enabling them to deal with a range of complex situations and problems. ***Students take the AS Level examination***

CAMBRIDGE AICE CORE AND GROUP 4 COURSES

☆1700364	CAMBRIDGE AICE GLOBAL PERSPECTIVES – AS LEVEL	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

Students will broaden their outlook through the critical analysis of - and reflection on - issues of global significance. The course is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. Collaborative skills are enhanced through participation in a team project. The skills gained through study of AS Global Perspectives and Research enable students to meet the demands of twenty-first century learning and to make a successful transition to study in higher education. As part of the course, learners write a research report on a research question of their own choice and a collaborative team project. ***Students will take the AS Level examination.***

☆1700365	CAMBRIDGE AICE GLOBAL PERSPECTIVES A LEVEL	
	Offered:	Grade 11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Global Perspectives
	Type of Credit:	Elective

Students will broaden their outlook through the critical analysis of - and reflection on - issues of global significance. The course is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. Collaborative skills are enhanced through participation in a team project. The skills gained through study of AS Global Perspectives and Research enable students to meet the demands of twenty-first century learning and to make a successful transition to study in higher education. As part of the course, learners write a research report on a research question of their own choice. ***Students will take the A Level examination.***

☆1009400	CAMBRIDGE AICE ENGLISH GENERAL PAPER – AS Level	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	PreAice English Language or equivalent
	Type of Credit:	English/Language Arts

AS Level English General Paper encourages learners to engage with a variety of topics, including knowledge and understanding gained from study of other subjects. They learn to become confident in analyzing knowledge and opinion from a variety of sources, to build arguments and to communicate through written English. The Cambridge International AS Level English General Paper enables learners to develop these skills which are of great use for further study and employment. ***Students will take the AS Level examination.***

☆1700372	CAMBRIDGE AICE THINKING SKILLS – AS LEVEL	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

Thinking Skills-AS Level develops a specific set of intellectual skills, independent of subject content, reflecting the need voiced by universities and employers for more mature and sophisticated ways of thinking. The Thinking Skills syllabus

also enables students to approach their other subjects with an improved ability to understand, analyze and resolve problems. As a result, students will find the course of great benefit when preparing for higher education and for a wide range of careers, including law, scientific research, social science, journalism, medicine, business, accounting and engineering. ***Students will take the AS Level examination.***

APPENDIX

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ACADEMIC WEIGHTED COURSES

All honors courses, as designated by the Department of Education Course Code Directory, are weighted and receive an additional .5 quality point value (Q.P.V.).

The following list of Volusia County courses are also weighted with an additional .5 Q.P.V.:

0102320	Ceramic/Pottery 3 Honors	1302350	Band 6 Honors
0109310	Port Dev: Drawing Honors	1302400	Orchestra 5 Honors
0109320	Port. Dev: Two-Dimensional Design Honors	1302410	Orchestra 6 Honors
0109330	Port. Dev: Three-Dimensional Design Honors	1302490	Instrumental Ensemble 4 Honors
0300330	Dance Techniques 3 Honors	1302530	Jazz Ensemble 4 Honors
0300334	Dance Techniques 4 Honors	1303340	Chorus 5 Honors
0300390	Dance Choreography 2 Honors	1303350	Chorus 6 Honors
0400330	Theatre 3 Honors	1303470	Vocal Ensemble 4 Honors
0400340	Theatre 4 Honors	1800320H	Aerospace Science 3 Honors
0400440	Technical Theatre Design & Production 4 Honors	1800330H	Aerospace Science 4: Leadership Development Honors
0701340	French 3 Honors	1801320H	Leadership Education and Training 3 Honors
0701350	French 4 Honors	1801330H	Leadership Education and Training 4 Honors
0701360	French 5 Honors	2000320	Biology 1 Honors
0701370	French 6 Honors	2000330	Biology 2 Honors
0702340	German 3 Honors	2000360	Anatomy and Physiology Honors
0702350	German 4 Honors	2000440	Genetics Honors
0705340	Italian 3 Honors	2001320	Earth Space Science Honors
0705350	Italian 4 Honors	2002510	Marine Science 1 Honors
0705360	Italian 5 Honors	2002530	Marine Science 2 Honors
0706320	Latin 3 Honors	2003350	Chemistry 1 Honors
0706330	Latin 4 Honors	2003360	Chemistry 2 Honors
0707320	Russian 3 Honors	2003390	Physics 1 Honors
0708360	Spanish 3 Honors	2003410	Physics 2 Honors
0708370	Spanish 4 Honors	2020910	Astronomy Solar/Galactic Honors
0709320	Spanish For Spanish-Speakers 3 Honors	2100320	US History Honors
0711320	Chinese 3 Honors	2102345	Economics with Financial Literacy Honors
0712320	Japanese 3 Honors	2106320	US Govt. Honors
0800360	Health Explorations Honors	2109320	World History Honors
1001320	English Honors 1		
1001350	English Honors 2		
1001380	English Honors 3		
1001410	English Honors 4		
1009331	Creative Writing 3 Honors		
1200320	Algebra 1 Honors		
1200340	Algebra 2 Honors		
1202340	Pre-Calculus Honors		
1206320	Geometry Honors		
1210300	Probability & Statistics with Applications Honors		
1302340	Band 5 Honors		

Florida Department of Education Resources

Florida students entering grade nine may choose from one of four options to earn a standard diploma. They are:

- ⌚ A four-year, 24-credit program
- ⌚ An International Baccalaureate (IB) curriculum
- ⌚ An Advanced International Certificate of Education (AICE) curriculum
- ⌚ Career and Technical Education (CTE) Pathway
- ⌚ A three-year, 18-credit ACCEL Diploma

Florida's state graduation requirements, by cohort group, are outlined in the graduation charts found on the following website: <https://www.fldoe.org/schools/k-12-public-schools/bosss/graduation-requirements/>

Information related to statewide assessment requirements is available in [Graduation Requirements for Florida's Statewide Assessments](#) (PDF).

The individual educational plan (IEP) team makes the diploma decisions for students with disabilities who are eligible for exceptional student education (ESE). IEP teams should consider diploma options according to the student's needs and abilities:

Information related to the transition of a student with disabilities from school to adult life are available in [Transition Planning](#).

Economic Security Report

This report, the result of a partnership between the State of Florida and College Measures, focuses on the median first-year earnings of recent graduates/completers from two-year and four-year institutions across Florida as well as District Technical Centers.

- ⌚ [Summary of the Economic Security Report](#)

This 2-page summary of the Economic Security Report of Employment and Earnings Outcomes of Florida's Graduates from Public Postsecondary Educational Institutions provides a snapshot of the type of information available on the website, www.beyondeducation.org and in the full report.

- ⌚ [Key Facts about Education Outcomes In Florida](#) This website aims to provide parents and students with postsecondary school information that will help them to make informed education and career choices.

PROCESS FOR **ADDING A NEW COURSE**

All requests due by March 22, 2024. This is the final deadline to add a course onto your Master Schedule. Follow the following process:

- Principal Approval Required
- Use the below link (see #1) to complete the Request for Course Activation

If a school wishes to add a new course to their school, the same process is followed for both of the following scenarios:

- new course to the school that is not listed in the district program of studies, but is in the state course code directory
- new course that is in the district program of studies, but has not been offered at the school in the past

1) School completes the Request for <https://forms.office.com/r/czhYmiKwJs>

Be prepared with the following information when completing the form:

- State Course Number
- State Course Title
- Grade Level(s)
- Required Certification
- Reason
- If new to the VCS District Program of Studies:
 - ◆ Course Length
 - ◆ Total Credit
 - ◆ Weighted Max GPA (if weighted)
 - ◆ Course Pre-Requisites
 - ◆ Course Description
- Materials Needed
 - ◆ Title
 - ◆ Publisher
 - ◆ ISBN
 - ◆ Cost
 - ◆ Projected Enrollment
 - ◆ Funding Source (district or school)

2) The form will flow through the approval process

3) Upon the approval, the request will be sent to the Coordinator of Master Scheduling for activation, and the school will be notified.

This process has a few purposes:

- ◆ Notification to the curriculum specialist so they can support the school
- ◆ Notification to the instructional materials specialist so they can provide materials if available
- ◆ Notification to the student support team so the course can be activated