



**NEW SMYRNA BEACH  
HIGH SCHOOL  
PROGRAM OF STUDIES  
2022-2023**



# VOLUSIA COUNTY SCHOOLS

## *The School Board of Volusia County*

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## **Vision Statement**

*Ensuring all students receive a superior 21<sup>st</sup> 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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## ART

### TWO-DIMENSIONAL ART COURSES:

<b>0101355</b>	<b>CREATING TWO-DIMENSIONAL ART</b>	
	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.

<b>0101300</b>	<b>TWO-DIMENSIONAL STUDIO ART 1</b>	
	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.

<b>0108370</b>	<b>DIGITAL ART IMAGING 1</b>	
	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.

<b>0108380</b>	<b>DIGITAL ART IMAGING 2</b>	
	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.

<b>0108310</b>	<b>CREATIVE PHOTOGRAPHY 1</b>	
	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.

### **THREE-DIMENSIONAL ART COURSES:**

<b>0101365</b>	<b>CREATING THREE-DIMENSIONAL ART</b>	
	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.

<b>0101330</b>	<b>THREE-DIMENSIONAL STUDIO ART 1</b>	
	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.

<b>0101340</b>	<b>THREE-DIMENSIONAL STUDIO ART 2</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Three-Dimensional Studio
	Type of Credit:	Art 1 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 maché, 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.

**ADVANCED ART COURSES:**

<b>0109320</b>	<b>PORTFOLIO DEVELOPMENT: TWO-DIMENSIONAL DESIGN HONORS</b>	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher
	Type of Credit:	Recommendation 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.

<b>0109330</b>	<b>PORTFOLIO DEVELOPMENT: THREE-DIMENSIONAL DESIGN HONORS</b>	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation
	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.

☆0109350	<b>ADVANCED PLACEMENT STUDIO ART: 2-D DESIGN PORTFOLIO</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher
	Type of Credit:	Recommendation
		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.

☆0109360	<b>ADVANCED PLACEMENT STUDIO ART: 3-D DESIGN PORTFOLIO</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation
	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.



## COMPUTER EDUCATION

☆0200480	<b>AICE COMPUTER SCIENCE 1 – AS LEVEL</b>	
	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.***

## **DANCE**

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

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.

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

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.

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

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. Participation in at least one aspect of a public performance will be part of the requirements of this course.

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

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.

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

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.

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

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.

## **DRAMA/THEATRE**

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

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.

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

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.

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

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.

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

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.

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

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.

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

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. \*

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

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. \*

## ENGLISH

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

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade- level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively.

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

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade- level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively.

**Special Note:** As students’ progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students’ independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation

**Honors/Advanced:** The district shall develop a description of additional requirements and more rigorous expectations, along with a description of higher text complexity to be used for honors-level achievement and learning.

☆1001560	<b>PRE-AICE ENGLISH LANGUAGE IGCSE</b>	
	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.

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

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade- level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively.

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

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade- level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively.

**Special Note:** As students' progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students' independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation

**Honors/Advanced:** The district shall develop a description of additional requirements and more rigorous expectations, along with a description of higher text complexity to be used for honors-level achievement and learning.

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

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade-level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively.

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

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade-level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively.

**Special Note:** As students' progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students' independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation

**Honors/Advanced:** The district shall develop a description of additional requirements and more rigorous expectations, along with a description of higher text complexity to be used for honors-level achievement and learning.



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

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade-level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively.

**Special Note:** As students' progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students' independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation.

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

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade-level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively.

**Special Note:** As students' progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students' independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation.

**Honors/Advanced:** The district shall develop a description of additional requirements and more rigorous expectations, along with a description of higher text complexity to be used for honors-level achievement and learning.

☆1009400	<b>AICE ENGLISH GENERAL PAPER – AS Level</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	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.***

☆1001550	<b>AICE ENGLISH LANGUAGE – AS Level</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	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.***

☆1005370	<b>AICE ENGLISH LITERATURE – AS Level</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	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.

## **MEDIA AND ORAL COMMUNICATIONS**

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

This course provides instruction in basic aspects of journalism and workshop experiences in journalistic production. The content will include instruction in recognizing and writing news for journalistic media and in developing editorials, sports articles, and feature stories. In addition to written work, students will receive instruction in the history and traditions of journalism as well as workshop experiences in photography, layouts, advertising, printing, and other practical aspects of journalistic enterprise. In connection with workshop experiences, one or more student journalistic productions may be included.

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

The content will include training necessary for successful news gathering for journalistic media. Students will receive frequent practice in gathering information and in writing news, sports, feature articles, and editorials. Through various media, students will explore career opportunities in journalistic fields. This course includes practice in the preparation of materials for publication in journalistic media.

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

This course will include instruction and practice in applying all aspects of the writing process including prewriting, drafting, editing and proofreading to the work prepared in order to bring it to high journalistic standards. Organization and management techniques relating to journalistic productions will be stressed, including leadership skills, record keeping, time management, utilization of personnel, and task organization. Workshop experiences in producing various kinds of journalism will be provided.

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

This course includes instruction in writing, designing, and managing journalistic enterprises. The emphasis in the course will be upon implementing students' creative skills and talents in writing, graphic design and/or photography, and in providing regular practice in management skills and production techniques in printed journalistic media. The course will provide opportunities to develop proficiency in various forms of journalistic writing using the production of one or more student journalism projects.

## READING

<b>1000412</b>	<b>INTENSIVE READING 1</b>	
	Offered:	Grade 9
	Credit:	1.0
	Length:	Year
	Prerequisite:	Level 1 or 2 on FSA 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.

<b>1000414</b>	<b>INTENSIVE READING 2</b>	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Level 1 or 2 on FSA 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.

<b>1000416</b>	<b>INTENSIVE READING 3</b>	
	Offered:	Grade 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Level 1 or 2 on FSA 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.

<b>1000418</b>	<b>INTENSIVE READING 4</b>	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Level 1 on FSA 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.

## WORLD LANGUAGES

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

The purpose of this course is to introduce students to the target language and its culture and to develop communicative skills and cross-cultural understanding. Content will include beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing will also be included, as well as the fundamentals of grammar and culture.

*\*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 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 AP Literature)*

<b>0701330</b>	<b>FRENCH 2</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Fren
	Type of Credit:	ch 1 World Language

The purpose of this course is to reinforce the fundamental skills previously acquired by the students. The students will develop increased listening, speaking, reading, and writing skills as well as cultural awareness. Reading and writing receive more emphasis, while oral communication remains the primary objective. This course will continue the cultural survey of French-speaking people.

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

The purpose of this course is to introduce students to the target language and its culture and to develop communicative skills and cross-cultural understanding. The content will include beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing will be included, as well as the fundamentals of grammar and culture.

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

The purpose of this course is to reinforce the fundamental skills acquired previously by the students. This course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. The content will include an expansion of listening and oral skills. Reading and writing will receive more emphasis, while oral communication remains the primary objective. This course will continue the cultural survey of Spanish-speaking people.

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

The purpose of this course is to master and expand the skills acquired previously by the students. The content will include expansion of vocabulary and conversational skills through discussions based on selected readings. Student's acquisition of grammatical concepts should be strengthened by analyzing reading selections. Contemporary vocabulary will be stressed through activities imitating the everyday life of Spanish-speaking people.

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

The purpose of this course is to extend the skills previously acquired by the students. The content will include more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There will be additional growth in vocabulary for practical purposes including writing. Reading selections will be varied.

*\*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 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 AP Literature)*

0708400	<b>ADVANCED PLACEMENT-SPANISH LANGUAGE AND CULTURE</b>	
	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.

## MATHEMATICS

In order to provide the best possible placement in mathematics for each student, all mathematics courses require teacher recommendation.

☆1200310	<b>ALGEBRA 1</b>	
	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. The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout 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.

**For students who entered 9th grade in 2010-2012 school years they will be required to pass the state Algebra 1 End of Course Assessment to be awarded credit for the course. For students who entered 9th grade in 2013-2014 and thereafter they 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	<b>GEOMETRY</b>	
	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. The content will include the following: structure of geometry; separation properties; angle concepts; triangles, quadrilaterals; proofs, perpendicularity and parallelism in a plane and in space; similar polygons; circles and spheres; constructions; area and volume; and coordinate geometry. The Standards for Mathematical Practice apply throughout 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.

**Students will be required to sit for the end of course exam provided by the state which will constitute 30% of their overall final course grade.**

☆1206320	<b>GEOMETRY HONORS</b>	
	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. The content will include the following: structure of geometry; separation properties; angle concepts; triangles, quadrilaterals; proofs, perpendicularity and parallelism in a plane and in space; similar polygons; circles and spheres; constructions; area and volume; and coordinate geometry. The Standards for Mathematical Practice apply throughout 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.

**Students will be required to sit for the end of course exam provided by the state which will constitute 30% of their overall final course grade.**



<b>1207350</b>	<b>MATHEMATICS FOR COLLEGE LIBERAL ARTS</b>	
	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. **This course does not meet NCAA requirements.**

<b>1200330</b>	<b>ALGEBRA 2</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1 or equivalent
	Type of Credit:	Math

This course is designed for students to build on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Standards for Mathematical Practice apply throughout 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.

<b>1200340</b>	<b>ALGEBRA 2 HONORS</b>	
	Offered:	Grade 9, 10, 11, 12
	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. Students will build on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Standards for Mathematical Practice apply throughout 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.

<b>1200700</b>	<b>MATH FOR COLLEGE ALGEBRA</b>	
	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.

☆1210300	<b>PROBABILITY AND STATISTICS WITH APPLICATIONS HONORS</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2(Algebra 2 Honors)/Geometry (Geo Honors)
	Type of Credit:	Math

This course is designed to explore the concept of probability and elementary statistics. The content will include random experiments, probability concepts, permutations, combinations, descriptive statistics and statistical applications. Calculators and computers will serve as instructional tools in concept development.

☆1202340	<b>PRE-CALCULUS HONORS</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2(Algebra 2 Honors)/Geometry (Geometry Honors)
	Type of Credit:	Math

This course is designed to strengthen and extend the student's knowledge of algebraic and trigonometric concepts and to prepare the student for calculus. The content will include mathematical induction, symbolic logic, Boolean and matrix algebra, probability and statistics, elementary functions and limits. Calculators and computers will serve as instructional tools in concept development.

☆1210320	<b>ADVANCED PLACEMENT STATISTICS</b>	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	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.

☆1202310	<b>ADVANCED PLACEMENT CALCULUS AB</b>	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-calculus
	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.

☆1202320	<b>ADVANCED PLACEMENT CALCULUS BC</b>	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Advanced Placement Calculus AB or Pre-calculus
	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 derivative of algebraic, trigonometric, exponential and logarithmic functions. Calculators and computers will serve as instructional tools in concept development.

## MUSIC

<b>1300300</b>	<b>MUSIC THEORY 1</b>	
	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.

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

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.

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

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.

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

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.

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

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.

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

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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

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

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.

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

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.

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

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. After school performances and rehearsal are a part of this course.

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

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. After school rehearsal and performances are a part of this course.

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

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. After school rehearsal and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

<b>1303300</b>	<b>CHORUS 1</b>	
	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 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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsal and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

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

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. After school rehearsals and performances are a part of this course.

## **PEER COUNSELING**

<b>1400340</b>	<b>PEERS AS PARTNERS IN LEARNING</b>	
	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**

### **FITNESS:**

<b>1501300</b>	<b>PERSONAL FITNESS</b>	
	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.

<b>1501340</b>	<b>WEIGHT TRAINING 1</b>	
	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 in order 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.

<b>1501350</b>	<b>WEIGHT TRAINING 2</b>	
	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.

★ <b>1501360</b>	<b>WEIGHT TRAINING 3</b>	
	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 weight lifting competition.

<b>1501410</b>	<b>POWER WEIGHT TRAINING 1</b>	
	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.

**INDIVIDUAL AND DUAL:**

<b>1502410</b>	<b>INDIVIDUAL AND DUAL SPORTS 1</b>	
	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.

<b>1502420</b>	<b>INDIVIDUAL AND DUAL SPORTS 2</b>	
	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.

<b>1502470</b>	<b>RECREATIONAL ACTIVITIES</b>	
	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.

<b>1503310</b>	<b>BASKETBALL</b>	
	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.

<b>1503350</b>	<b>TEAM SPORTS 1</b>	
	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.

<b>1503360</b>	<b>TEAM SPORTS 2</b>	
	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.

<b>1505500</b>	<b>VOLLEYBALL 1</b>	
	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.

## RESEARCH

<b>1700390</b>	<b>AVID 1</b>	
	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.

<b>1700400</b>	<b>AVID 2</b>	
	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.

<b>1700410</b>	<b>AVID 3</b>	
	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.

## SCIENCE

Students are required to earn 3 science credits to graduate. In order to earn a standard diploma, students are required to take one credit in Biology, one credit in Physical Science, Chemistry or Physics and one additional science course. In addition, students are required to take the Biology EOC Exam which will count for 30% of their grade in order 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.

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 all science courses. 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.

☆2000310	<b>BIOLOGY 1</b>	
	Offered:	Grade 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Science (BI)

This course provides students with exploratory activities, laboratory experiences and real-life applications in the biological sciences. The content includes the following concepts: nature of science, matter, energy, chemical processes of life, reproduction and communication of cells, basic study of genetics, organization, classification and taxonomy, structure, reproduction and function of plants, animals, and microorganisms, interdependence of living things, adaptations, and the impact of technology on society. Preserved animal studies may be a part of this course. **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.**

☆2000320	<b>BIOLOGY 1 HONORS</b>	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation Science (BI)
	Type of Credit:	

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 9<sup>TH</sup> grade should have earned a 3 or higher on the 8<sup>TH</sup> grade Florida Statewide Science Assessment. 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. **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.**

☆2000322	<b>CAMBRIDGE PRE-AICE BIOLOGY IGCSE LEVEL</b>	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	AICE acceptance
	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%). **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.**

☆2000321	<b>AICE BIOLOGY 1 – AS LEVEL</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	Type of Credit:	DD (either Biology or EQ 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.***

☆2001340	<b>ENVIRONMENTAL SCIENCE</b>	
	Offered:	Grade 9, 10, 11, 12
	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.

☆2001341	<b>ENVIRONMENTAL SCIENCE HONORS</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Biology 1
	Type of Credit:	EQ Science

This course is designed as an interdisciplinary course to provide students with scientific principles, concepts, and methodologies required to identify and analyze environmental problems and to evaluate rises and alternative solutions for resolving and/or preventing them. Students entering this course in 9<sup>TH</sup> grade should have earned a 3 or higher on the 8<sup>TH</sup> grade Florida Statewide Science Assessment. 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.

☆2002500	<b>MARINE SCIENCE 1</b>	
	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.

☆2002515	<b>AICE MARINE SCIENCE 1 – AS LEVEL</b>	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	Type of Credit:	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.***

2003320	<b>PHYSICAL SCIENCE HONORS</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	EQ Science, Physical

Students will explore physical science concepts in great depth including weekly hands-on experiences. This course will include laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies. The NSTA recommends that at the high school level students should be in the science lab or field collecting data weekly.



☆2003340	<b>CHEMISTRY 1</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1
	Type of Credit:	EQ Science

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.

☆2003372	<b>CAMBRIDGE PRE-AICE CHEMISTRY IGCSE</b>	
	Offered:	Grade 9, 10
	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.

☆2003371	<b>AICE CHEMISTRY 1 – AS LEVEL</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	Type of Credit:	EQ Science

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	<b>CAMBRIDGE AICE CHEMISTRY 2– A LEVEL</b>	
	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.***

☆2003390	<b>PHYSICS 1 HONORS</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 1/Teacher Recommendation
	Type of Credit:	EQ Science

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.

☆2003421	<b>AP PHYSICS 1</b>	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Physics Honors/Algebra 2/Teacher Recommendation
	Type of Credit:	EQ Science

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.

## **SOCIAL STUDIES**

<b>2102310</b>	<b>ECONOMICS</b>	
	Offered:	Grade 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of	Required for Graduation
	Credit:	

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.

☆ <b>2102320</b>	<b>ECONOMICS HONORS</b>	
	Offered:	Grade 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of	Required for Graduation
	Credit:	

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).

☆ <b>2102360</b>	<b>ADVANCED PLACEMENT MICROECONOMICS</b>	
	Offered:	Grade 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Honors/or AP Social Studies Courses/Teacher Recommendation
	Type of Credit:	Meets Graduation Requirement for 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. Financial Literacy components required by Section 1003.4282, Florida Statutes, have been integrated into this course. **Students will take the corresponding AP exam. Financial Literacy components required by Section 1003.4282, Florida Statutes, are integrated into this course.**

☆2102370	<b>ADVANCED PLACEMENT MACROECONOMICS</b>	
	Offered:	Grade 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Honors/or AP Social Studies Courses/Teacher Recommendation
	Type of Credit:	Meets Graduation Requirement for 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. Financial Literacy components required by Section 1003.4282, Florida Statutes, have been integrated into this course. **Students will take the corresponding AP exam. Financial Literacy components required by Section 1003.4282, Florida Statutes, are integrated into this course.**

☆2107360	<b>CAMBRIDGE AICE PSYCHOLOGY 1 – AS LEVEL</b>	
	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.***

2106310	<b>UNITED STATES GOVERNMENT</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Required for Graduation

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.

☆2106320	<b>UNITED STATES GOVERNMENT HONORS</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Required for Graduation

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).

☆2106420	<b>ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS</b>	
	Offered:	Grade 11, 12
	Credit:	.50
	Length:	Semester
	Prerequisite:	Honors or AP Social Studies Courses or Teacher Recommendation
	Type of Credit:	Meets Graduation Requirement for 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 corresponding AP exam.** Financial Literacy Components required by Section 1003.4282, Florida Statutes, are integrated into this course.

☆2106430	<b>ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS</b>	
	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 corresponding AP exam.**

<b>2100310</b>	<b>UNITED STATES HISTORY</b>	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Required for Graduation

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 will be required to take the exam in order to be awarded credit. The exam will be worth 30% of the overall final course grade.**

☆ <b>2100320</b>	<b>UNITED STATES HISTORY HONORS</b>	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Required for Graduation

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).

**For students entering 9<sup>th</sup> grade in 2012-2013, thirty percent of their final grade will be based on the state U.S. History End of Course Exam. Students will be required to take the exam in order to be awarded credit.**

☆ <b>2100500</b>	<b>CAMBRIDGE AICE U.S. HISTORY 1 – AS LEVEL</b>	
	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.***

<b>2109310</b>	<b>WORLD HISTORY</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Required for Graduation

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.

☆ <b>2109320</b>	<b>WORLD HISTORY HONORS</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Required for Graduation

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 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)

☆ <b>2100490</b>	<b>CAMBRIDGE AICE INTERNATIONAL HISTORY 1 – AS LEVEL</b>	
	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.***

☆ <b>2103400</b>	<b>ADVANCED PLACEMENT HUMAN GEOGRAPHY</b>	
	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 corresponding AP exam.***

## **STUDY HALL**

<b>2200300</b>	<b>STUDY HALL 1</b>	
	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.

<b>2200310</b>	<b>STUDY HALL 2</b>	
	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.

<b>2200320</b>	<b>STUDY HALL 3</b>	
	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.

<b>2200330</b>	<b>STUDY HALL 4</b>	
	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**

<b>1900310</b>	<b>DRIVER EDUCATION/TRAFFIC SAFETY CLASSROOM AND LABORATORY</b>	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	Approximately 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 in order 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.

## **ADDITIONAL COURSES**

<b>0500500</b>	<b>PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 1</b>	
	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.***

<b>0500510</b>	<b>PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 2</b>	
	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.***

<b>0500520</b>	<b>PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 3</b>	
	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.***

<b>0500530</b>	<b>PERSONAL, CAREER, AND SCHOOL DEVELOPMENT SKILLS 4</b>	
	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.

**Special Note:** Although this course was associated with office aide duty in 2014-2015, it is not to be used for this purpose in 2015-2016.

# **VOLUSIA ONLINE LEARNING**



*Personalizing Learning for Every Student!*

This program meets the needs of students who learn productively on their own time, in their own space. VOL expands the variety of academic opportunities for Volusia County students and serves as one way to fulfill the **online graduation requirement** for Florida students. Students must successfully complete one virtual or blended course to receive a diploma.

Students in grades 6-8 who successfully complete an online course for high school credit will fulfill the requirement. **Students can work online any time, any place.** VOL teachers are district employees who are highly qualified and fully certified. All course offerings are aligned to the Florida standards and district curriculum maps, ensuring quality and rigor.


### High School Courses

 **English**


- English 1-4
- English 1-4 Honors
- English for College Readiness

 **Math**


- Algebra 1 and 1 Honors
- Liberal Arts Math 1 and 2
- Algebra 1A and 1B
- Algebra 2 and 2 Honors
- Geometry and Geo Honors
- Informal Geometry
- Math for College Inness
- Pre-calculus Honors
- Calculus Honors
- Trigonometry Honors
- Analysis of Functions

 **Science**


- Biology 1 and Bio Honors
- Earth Space Science and Honors
- Environmental Science
- Physical Science
- Chemistry
- Physics
- Agriscience Foundations
- Marine Science
- Forensic Science

 **Social Studies**


- Economics and Honors
- US Government and Honors
- US History and Honors
- World History and Honors
- African American History

 **Foreign Language**

- Spanish 1
- Spanish 2
- Spanish 3 Honors
- AP Spanish Lang & Culture
- American Sign Language 1


 **Health/Physical Education**

- Personal Fitness
- Fitness Lifestyle Design


 **Electives**

- Career Research and Decision Making
- Driver's Education – **To get Permit Only**
- Psychology 1
- Speech 1
- Speech 2
- Intensive Reading
- Peer Counseling 1 and 2
- Psychology 1 and 2
- Sociology
- Digital Information Tech
- Theater, Cinema, & Film Production
- Creative Writing 1
- Reading for College Success
- Writing for College Success
- Marketing Foundations
- Outdoor Education
- World Cultural Geography
- Veterinary Assisting 1
- Personal Financial Literacy


### Middle School Courses

 **English**


- Grade 6-8 Language Arts and Advanced

 **Math**


- Grade 6 Math, Honors/Advanced
- Grade 7 Math and Advanced
- Grade 8 Pre-Algebra

 **Science**


- Grade 6-8 Comprehensive Science
- Grade 6-8 Comprehensive Science Advanced

 **Social Studies**

- Grade 6 World History and Advanced
- Grade 7 Civics and Advanced
- Grade 8 US History and Advanced

 **Foreign Language**


- Spanish Beginning
- Spanish Intermediate

 **Electives**


- Fitness Grade 6
- Physical Fitness 6/7
- Physical Fitness 7/8
- Career Research and Decision Making
- Business Keyboarding
- Critical Thinking
- Journalism
- Peer Counseling 1
- Intensive Reading
- Creating Writing
- Introduction to Coding A
- Introduction to Coding B
- Orientation to Career Clusters




Middle school students may also take ANY High School elective for High School credit. Students **MUST** submit a High School Application to take courses for High School credit.



Virtual courses with Volusia County Schools are powered by Florida Virtual School.





# **EXCEPTIONAL STUDENT** **EDUCATION**

# **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

<b>7910120</b>	<b>ACCESS ENGLISH 1</b>	
	Offered:	Grade 9
	Credit:	1
	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.

<b>7910125</b>	<b>ACCESS ENGLISH 2</b>	
	Offered:	Grade 10
	Credit:	1
	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.

<b>7910130</b>	<b>ACCESS ENGLISH 3</b>	
	Offered:	Grade 11
	Credit:	1
	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.

<b>7910135</b>	<b>ACCESS ENGLISH 4</b>	
	Offered:	Grade 12
	Credit:	1
	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.



<b>7912075</b>	<b>ACCESS ALGEBRA 1</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1
	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.

<b>7912065</b>	<b>ACCESS GEOMETRY</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1
	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.

<b>7920015</b>	<b>ACCESS BIOLOGY</b>	
	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 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.

<b>7920022</b>	<b>ACCESS PHYSICAL SCIENCE</b>	
	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.

<b>7920020</b>	<b>ACCESS EARTH/SPACE SCIENCE</b>	
	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 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.

<b>7921022</b>	<b>ACCESS ECONOMICS WITH FINANCIAL LITERACY</b>	
	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.

<b>7921015</b>	<b>ACCESS UNITED STATES GOVERNMENT</b>	
	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.

<b>7921025</b>	<b>ACCESS US HISTORY</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1
	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.

<b>7921027</b>	<b>ACCESS WORLD HISTORY</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1
	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.

<b>7915015</b>	<b>ACCESS HEALTH OPPORTUNITIES THROUGH PHYSICAL EDUCATION (H.O.P.E.)</b>	
	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.

<b>7967010</b>	<b>ACCESS VISUAL AND PERFORMING ARTS</b>	
	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**

<b>7963010</b>	<b>PREPARATION FOR ADULT LIVING</b>	
	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.

<b>7963070</b>	<b>UNIQUE SKILLS: SOCIAL AND EMOTIONAL 9-12</b>	
	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.

<b>7963160</b>	<b>UNIQUE SKILLS: INDEPENDENT FUNCTIONING 9-12</b>	
	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).

<b>7963150</b>	<b>UNIQUE SKILLS: COMMUNICATION 9-12</b>	
	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).

<b>7963140</b>	<b>SELF-DETERMINATION</b>	
	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

<b>7980110</b>	<b>CAREER PREPARATION: 9-12</b>	
	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.

<b>7980120</b>	<b>CAREER EXPERIENCES: 9-12</b>	
	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.

<b>7980150</b>	<b>SUPPORTED COMPETITIVE EMPLOYMENT</b>	
	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 2019-2020	Schedule B 2020-2021	Schedule C 2021-2022	Schedule D 2022-2023
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 with Financial Literacy – 7921022 (½) Access US Government - 7921015	Access HOPE (Health Opp. Through Phys. Ed.) - 7915015
Self Determination - 7963140	Self Determination - 7963140	Self Determination - 7963140	Self Determination - 7963140
Access English 1 – 7910120 (9)    Access English 3 – 7910130 (11) Access English 2 – 7910125 (10)    Access English 4 – 7910135 (12)			
<i>One of the following:</i> Career Preparation - 980110 Career Experience - 7980120 Supported Competitive Employment - 7980150			
<i>One or more of the following:</i> Unique Skills: Independent Functioning 9-12 – 7963160 Unique Skills: Social & Emotional 9-12 – 7963070 Unique Skills: Communication 9-12 – 7963150 Fine/Performing Arts course (Access or general education course) General Ed Elective(s)			
<b>FAPE Schedule</b> <b>(for students who have met diploma requirements and are deferring receipt of the diploma)</b>			
Preparation for Adult Living (3-4 periods) - 7963010			
Career Experience - 7980120 or Supported Competitive Employment - 7980150 (3-4 periods)			

## **SEPARATE CLASS - MILD/MODERATE VE and SC-E/BD**

### **ACADEMIC**

Students with disabilities who entered 9<sup>th</sup> grade during the 2014-15 school year or later, who are not eligible for alternate assessment, must enroll in general education courses used to satisfy standard diploma requirements per Florida State Board of Education Rule 6A- 1.09963.

#### **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.

## **SPECIAL SKILLS COURSES**

<b>7960010</b>	<b>TRANSITION PLANNING: 9-12</b>	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 Multiple Varies None 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.

<b>7963070</b>	<b>UNIQUE SKILLS: SOCIAL AND EMOTIONAL 9-12</b>	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 Multiple Varies None 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.

<b>7963080</b>	<b>LEARNING STRATEGIES: 9-12</b>	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 Multiple Varies None 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.

<b>7963140</b>	<b>SELF-DETERMINATION: 9-12</b>	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 Multiple Varies None 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. This entire course may not be mastered in one year.



## **VOCATIONAL EDUCATION FOR STUDENTS WITH DISABILITIES**

<b>7980110</b>	<b>CAREER PREPARATION: 9-12</b>	
	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.

<b>7980120</b>	<b>CAREER EXPERIENCES: 9-12</b>	
	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.

<b>7980130</b>	<b>CAREER PLACEMENT: 9-12</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	Career Preparation/Career Education/Career Experiences/or Job Preparatory Education
	Type of Credit:	Elective

The purpose of this course is to enable students with disabilities to use the career knowledge and skills necessary to identify career options, access community resources, and apply work-related behaviors. The course will provide placement in a job in the community 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 selection, community resources related to career decisions, workplace competencies, and advocating rights and responsibilities of employees. This entire course may not be mastered in one year.

<b>7980150</b>	<b>SUPPORTED COMPETITIVE EMPLOYMENT</b>	
	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.

**ALL PROGRAMS**  
**SPECIAL SKILLS COURSES**

<b>7963040</b>	<b>EXPANDED SKILLS: 9-12</b>	
	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.**

<b>7963050</b>	<b>EXPANDED CORE COMPETENCIES: 9-12</b>	
	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.**

<b>7963060</b>	<b>ORIENTATION AND MOBILITY SKILLS: 9-12</b>	
	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**

<b>7966010</b>	<b>PHYSICAL THERAPY: 9-12</b>	
	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 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.

<b>7966020</b>	<b>OCCUPATIONAL THERAPY: 9-12</b>	
	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 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 in order 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.

<b>7966030</b>	<b>SPEECH THERAPY: 9-12</b>	
	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.

<b>7966040</b>	<b>LANGUAGE THERAPY: 9-12</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies None
	Prerequisite:	Elective
	Type of Credit:	

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.

# **CAREER AND TECHNICAL** **EDUCATION**



# Program Areas

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## **AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER**

PROGRAM NUMBER	ANIMAL SCIENCE AND SERVICES		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8106200 ☼	8106810H	Agriscience Foundations 1 HONORS	EQ	Ag. Associate
	8106210	Animal Science and Services 2	VO	
	8106220	Animal Science and Services 3	VO	Animal Science
	8009120H	Principles of Agribusiness HONORS	EC	Entrepreneurship & Small Business
*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective				

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:	VO	
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:	VO	
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.			

8009120H	PRINCIPLES OF AGRIBUSINESS HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	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	AQUACULTURE		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8004100 ☼	8106810H	Agriscience Foundations 1 HONORS	EQ	Ag. Associate
	8112010H	Aquaculture 2 HONORS	EQ	
	8112020H	Aquaculture 3 HONORS	EQ	Aquaculture Technician
	8112030H	Aquaculture 4 HONORS	VO	
*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective				

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.			

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.			

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.			

8112030H	AQUACULTURE 4 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	VO	
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.			



# **ARCHITECTURE AND CONSTRUCTION CLUSTER**

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	VO	
	8722020	Building Trades & Construction Design Technology 2	VO	
	8722030	Building Trades & Construction Design Technology 3	PA	Building Construction Technology
	8722040	Building Trades and Construction Design Technology 4	VO	
*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective				

8722010	BUILDING TRADES AND CONSTRUCTION DESIGN TECHNOLOGY 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	VO	
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 AND CONSTRUCTION DESIGN TECHNOLOGY 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Building Trades and Construction Design Technology 1	
	Type of Credit:	VO	
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 AND CONSTRUCTION DESIGN TECHNOLOGY 3		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Building Trades and Construction Design Technology 2	
	Type of Credit:	PA	
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.			

<b>8722040</b>	<b>BUILDING TRADES AND CONSTRUCTION DESIGN TECHNOLOGY 4    Career Prep</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Building Trades and Construction Design Technology 3
	Type of Credit:	VO
The purpose of this course is to provide students with hands on skills in the carpentry and masonry trades.		

# **ARTS, A/V TECHNOLOGY AND COMMUNICATION CLUSTER**

8201410H	DIGITAL VIDEO TECHNOLOGY 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	PA	
This honors course offers extensive experience in Digital Video Technology. In addition to fulfilling all requirements of Digital Video Technology 1, students participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8201420H	DIGITAL VIDEO TECHNOLOGY 2 HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Video Technology 1	
	Type of Credit:	PA	
This honors course offers extensive experience in Digital Video Technology. In addition to fulfilling all requirements of Digital Video Technology 2, students participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8201430H	DIGITAL VIDEO TECHNOLOGY 3 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit: Length:	1.0	
	Prerequisite:	Year	
		Digital Video Technology 2/Permission of	
	Type of Credit:	Instructor/Contract Required	
	PA		
This honors course offers extensive experience in Digital Video Technology. In addition to fulfilling all requirements of Digital Video Technology 3, students participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8201440H	DIGITAL VIDEO TECHNOLOGY 4 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Video Technology 3/Permission of Instructor/ Contract Required	
	Type of Credit:	PA	
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.			

## **EDUCATION AND TRAINING CLUSTER**

8405110	EARLY CHILDHOOD EDUCATION 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	VO	
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:	VO	
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.			

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:	PA	
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.			

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:	VO	
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.			

<b>8500100</b>	<b>EDUCATION AND TRAINING DIRECTED STUDY</b>	
	Offered:	Grade 11, 12
	Credit:	Multiple
	Length:	Year
	Prerequisite:	Completion of an Education & Training Career Prep Program
	Type of Credit:	VO
<p>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.</p>		

# ENGINEERING AND TECHNOLOGY EDUCATION CLUSTER

PROGRAM NUMBER	<b>**ENGINEERING PATHWAYS</b>		TYPE OF CREDIT *	INDUSTRY CERTIFICATION
	Course Number	Course Name		
<b>9400300</b> ⚙️	8600550H	Intro to Engineering Design HONORS	PA	<b>Autodesk:</b> Inventor; Revit
	8600520H	Principles of Engineering HONORS	PA	
	8600530H	Digital Electronics HONORS	PA	
	8600560H	Computer Integrated Manufacturing HONORS	PA	

\*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective

\*\*This is a course in the Project Lead the Way program.

8600550H	INTRODUCTION TO ENGINEERING DESIGN (PLTW) HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	PA
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.		
8600520H	PRINCIPLES OF ENGINEERING (PLTW) HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Introduction to Engineering Design
	Type of Credit:	PA
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.		

8600530H	DIGITAL ELECTRONICS (PLTW) HONORS	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Principles of Engineering
	Type of Credit:	PA
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.		

<b>8600560H</b>	<b>COMPUTER INTEGRATED MANUFACTURING (PLTW) HONORS</b>	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Principles of Engineering
	Type of Credit:	PA
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.		

## HEALTH SCIENCE CLUSTER

PROGRAM NUMBER	ALLIED HEALTH ASSISTING		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8417130 ☼	8417100H	**Health Science Anatomy & Physiology HONORS	EQ	
	8417110H	Health Science Foundations HONORS	VO	CMAA
	8417131	Allied Health Assisting 3	VO	EKG Technician & Patient Care Technician

\*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective

\*\*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).

8400320	MEDICAL SKILLS AND SERVICES		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	VO	

The purpose of this course is to provide 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.

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.



<b>8417110H</b>	<b>HEALTH SCIENCE FOUNDATIONS HONORS</b>		<b>Career Prep</b>
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10,11,12 1.0 Year Health Science Anatomy & Physiology VO	
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.			
<b>8417131</b>	<b>ALLIED HEALTH ASSISTING 3</b>		<b>Career Prep</b>
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11,12 1.0 Year Health Science Foundations VO	
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.			

# HOSPITALITY AND TOURISM CLUSTER

PROGRAM NUMBER	CULINARY ARTS		TYPE OF CREDIT*	INDUSTRY CREDENTIAL
	Course Number	Course Name		
<b>8800500</b> ✳	8800510	Culinary Arts 1	VO	
	8800520	Culinary Arts 2	PA	
	8800530H	Culinary Arts 3 HONORS	PA	ServSafe; ProStart; Food Safety Mgr.
	8800540H	<b>**TRACK 1:</b> Culinary Arts 4 – <i>Culinary and Hospitality Management</i> HONORS	VO	ServSafe; ProStart; Food Safety Mgr.
*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective **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:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	VO	
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:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Culinary Arts 1	
	Type of Credit:	PA	
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.			

8800530H	CULINARY ARTS 3 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Culinary Arts 2	
	Type of Credit:	PA	
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.			

8800540H	CULINARY ARTS 4 HONORS/TRACK 1		
	CULINARY AND HOSPITALITY MANAGEMENT		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Culinary Arts 3	
	Type of Credit:	VO	
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.			

# INFORMATION TECHNOLOGY CLUSTER

PROGRAM NUMBER	GAME/SIMULATION/ANIMATION PROGRAMMING		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
<b>8208300</b> ✳	8208110	Game & Simulation Foundations	PA	Adobe Photoshop
	8208120	Game and Simulation Design	PA	<b>Adobe:</b> Photoshop; Animate <b>CIW:</b> Internet Business Associate <b>Toon Boom:</b> Storyboard Pro
	8208330H	Game & Simulation Programming HONORS	VO	MTA Programming Java Script

\*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective

<b>8208110</b>	<b>GAME AND SIMULATION FOUNDATIONS</b>			<b>Career Prep</b>
	Offered:	Grade 9, 10, 11, 12		
	Credit:	1.0		
	Length:	Year		
	Prerequisite:	None		
	Type of Credit:	PA		

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.

<b>8208120</b>	<b>GAME AND SIMULATION DESIGN</b>			<b>Career Prep</b>
	Offered:	Grade 10, 11, 12		
	Credit:	1.0		
	Length:	Year		
	Prerequisite:	Game & Simulation Foundations		
	Type of Credit:	PA		

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.

8208330H	GAME AND SIMULATION PROGRAMMING HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Game & Simulation Design	
	Type of Credit:	VO	
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.			

☆ <b>0200480</b>	<b>CAMBRIDGE AICE COMPUTER SCIENCE 1 – AS LEVEL</b>	
	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.***

# **LAW, PUBLIC SAFETY AND SECURITY CLUSTER**

PROGRAM NUMBER	CRIMINAL JUSTICE OPERATIONS		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
<b>8918000</b> ✱	8918010	Criminal Justice Operations 1	VO	
	8918020	Criminal Justice Operations 2	VO	
	8918030	Criminal Justice Operations 3	VO	911 Operator
*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective				

8918010	CRIMINAL JUSTICE OPERATIONS 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	VO	
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:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Criminal Justice Operations 1	
	Type of Credit:	VO	
This course is designed to develop competencies in patrol, traffic control, defensive tactics and physical proficiency skills, and first aid and cardiopulmonary resuscitation skills.			

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:	VO	
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.			

PROGRAM NUMBER	PUBLIC SAFETY TELECOMMUNICATION		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9101000 ✱	9101100	Dispatcher: Police, Fire, Ambulance	VO	911 Operator

\*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective

9101100	DISPATCHER: POLICE, FIRE, AMBULANCE		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.5	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	VO	
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	OTHER COURSES	
	Course Number	Course Name
8900100	8900100	Law, Public Safety & Security Education Directed Study

8900100	LAW, PUBLIC SAFETY AND SECURITY EDUCATION		Career Prep
	DIRECTED STUDY		
	Offered:	Grade 11, 12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Completion of Law, Public Safety & Security Career Prep Program	
	Type of Credit:	VO	
This course provides students with learning opportunities in a prescribed program of study within the Law, Public Safety & Security cluster 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 a specific Law, Public Safety & Security 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.			

## **MARKETING, SALES AND SERVICES CLUSTER**

PROGRAM NUMBER	MARKETING, MANAGEMENT AND ENTREPRENEURIAL PRINCIPLES		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9200500 ✱	8812000H	Business Ownership HONORS	PA	Entrepreneurship & Small Business
	8827110	Marketing Essentials	PA	
	8827120	Marketing Applications	PA	CIW - Social Media Strategist
	8827130	Marketing Management	PA	

8812000H	<b>BUSINESS OWNERSHIP HONORS</b>		<b>Career Prep</b>
	Offered:	Grade 11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	PA	
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.			

8827110	<b>MARKETING ESSENTIALS</b>		<b>Career Prep</b>
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Business Ownership	
	Type of Credit:	PA	
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.			

8827120	<b>MARKETING APPLICATIONS</b>		<b>Career Prep</b>
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Marketing Essentials	
	Type of Credit:	PA	
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.			



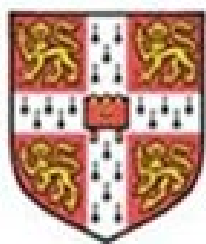
<b>8827130</b>	<b>MARKETING MANAGEMENT</b> <b>Career Prep</b>	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11,12 1.0 Year Marketing Applications PA
This course provides instruction for career-sustaining level of employment in the industry. The content includes applied skills related to marketing functions, employment skills required for success in marketing, and career planning as related to a marketing industry.		

## **ADDITIONAL CTE PROGRAMS AND COURSES**

PROGRAM NUMBER	DIVERSIFIED CAREER TECHNOLOGY (DCT)		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
<b>8303000</b> ⚙️	8300410	**DCT OJT	VO	
<p>*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective</p> <p>**DCT OJT does NOT count as a course in the Bright Futures/Gold Seal Scholarship Program. Students must take DCT Principles, Applications and Management to be eligible for Gold Seal.</p>				

8300410	DCT OJT		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Enrollment in a DCT course	
	Type of Credit:	VO	
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.			

8300430	GUIDED WORKPLACE LEARNING/CTE INTERNSHIP		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	Multiple	
	Length:	Year	
	Prerequisite:	Enrollment in or Completion of a CTE Career Prep Program	
	Type of Credit:	VO	
The purpose of this course is to provide 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.			



# CAMBRIDGE

International Examinations

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*Excellence in education*

## **HIGH SCHOOL Programs of Study**

**2022 - 2023**

# **HIGH SCHOOL CAMBRIDGE AICE AREAS**

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## **CAMBRIDGE PREAICE (IGCSE) COURSES**

☆1001560	<b>PRE-AICE ENGLISH LANGUAGE IGCSE</b>	
	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.

☆2000322	<b>PRE-AICE BIOLOGY IGCSE</b>	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	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

☆2003372	<b>PRE-AICE CHEMISTRY IGCSE</b>	
	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.

# **CAMBRIDGE AICE GROUP 1 COURSES (MATH AND SCIENCE)**

☆0200480	<b>CAMBRIDGE AICE COMPUTER SCIENCE 1 – AS LEVEL</b>	
	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.***

☆2000321	<b>CAMBRIDGE AICE BIOLOGY 1 – AS LEVEL</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	DD (either Biology or EQ 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.***

☆2002515	<b>CAMBRIDGE AICE MARINE SCIENCE 1 – AS LEVEL</b>	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	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.***

☆2003371	<b>CAMBRIDGE AICE CHEMISTRY 1 – AS LEVEL</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	Type of Credit:	EQ Science

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	<b>CAMBRIDGE AICE CHEMISTRY 2– A LEVEL</b>	
	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.***

## **CAMBRIDGE AICE GROUP 2 COURSES (LANGUAGES)**

☆1001550	<b>CAMBRIDGE AICE ENGLISH LANGUAGE – AS Level</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	Type of Credit:	English

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.***



# **CAMBRIDGE AICE GROUP 3 COURSES (ARTS & HUMANITIES)**

☆1005370	<b>CAMBRIDGE AICE ENGLISH LITERATURE 1 AS LEVEL</b>	
	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.***

☆2107360	<b>CAMBRIDGE AICE PSYCHOLOGY 1 – AS LEVEL</b>	
	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.***

☆2100500	<b>AICE U.S. HISTORY 1 – AS LEVEL</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	Type of Credit:	American 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	<b>AICE INTERNATIONAL HISTORY 1 – AS LEVEL</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	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.***

## **CAMBRIDGE AICE CORE AND GROUP 4 COURSES**

☆1700364	<b>AICE GLOBAL PERSPECTIVES – AS LEVEL (Cambridge Course #9694)</b>	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	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 AS Level examination.***

☆1009400	<b>CAMBRIDGE AICE ENGLISH GENERAL PAPER – AS Level</b>	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	
	Type of Credit:	English

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.***

**Cambridge AICE** is an international curriculum and examination system, which emphasizes the value of broad and balanced study. Its strengths lie in the flexibility and structure of the curriculum and encouraging in-depth, working knowledge of each subject and essay-based examinations of knowledge and skill mastery. Alongside in-depth understanding of a variety of subjects, students also need to master a broader range of skills critical for success in university study and employment. These essential skills include the ability to: think critically, carry out independent research, evaluate arguments, communicate clear and well-reasoned arguments, and understand global issues from multiple perspectives. Attainment of the Cambridge AICE Diploma requires students to pass the Core class of Cambridge Advanced Global Perspectives and Research (AS Level) which helps develop these essential skills. This helps higher education institutions identify students with the type of cohesive academic experience and higher-order thinking and communication skills that are associated with distinguished achievement at university.

Cambridge Advanced (AICE) courses are equivalent to those offered at U.S. university freshmen level or beyond. Routes to the Cambridge AICE Diploma are extremely flexible and offer students the opportunity to tailor their studies to individual interests, abilities and future plans within an international curriculum framework.

Within AICE, there are many subjects from four subject group areas:

1. Mathematics and Sciences
2. Languages
3. Arts and Humanities
4. Interdisciplinary and Skills-Based

Courses that can be found in more than one subject group are: AS Environmental Management, AS Psychology and AS Physical Education.

Students can choose specific subjects and levels of study for each. It is possible to take the Cambridge Advanced AS Level examination one year and then continue study in that subject and take the remaining examination papers (called A2) required for a Cambridge Advanced A Level examination the following year. Alternatively, students may opt to wait until after the second year of study to take all the examination papers at the Cambridge Advanced A Level. Other students may choose to study a subject for a year and be assessed only at the Cambridge Advanced AS Level.

#### Cambridge Advanced Global Perspectives and Research

Cambridge Advanced Global Perspectives and Research helps students meet the demands of twenty-first century study and make a successful transition to higher education. The Cambridge Advanced Global Perspectives and Research syllabus is based on skills rather than on specific content, encouraging students to explore issues of global significance in an open and disciplined way; there are 28 topics to choose from.

As part of the Cambridge Advanced AS Level assessment, students analyze arguments, interrogate evidence, and compare different perspectives in source documents provided. They must also research different perspectives on issues of global significance arising from their studies during the course and write an essay based on their research. Students themselves devise the essay title. The essay must be between 1,750 and 2,000 words and written in continuous prose. Students at the Cambridge Advanced AS Level must also engage in a Team Project to identify a local problem that has global relevance.

Individual team members research the issue and suggest solutions to the problem based on their research findings. Teams work together to agree on a set of proposed team solutions to the problem. While the focus of the task is on teamwork, each student within a team prepares two pieces of work for individual submission – a presentation and a reflective paper.

Students can achieve a Cambridge Advanced Global Perspectives and Research A Level qualification if they continue their investigation of a global perspective of their choice during the following year. The Cambridge Advanced Global Perspectives and Research A Level qualification requires students to develop and answer a researchable question based on independent personal research. The research paper must be between 4,500–5,000 words.

### **The Cambridge Advanced International Certificate of Education (AICE) Diploma**

Section 1003.4282, F.S., defines the options for earning a high school diploma stating that graduation requires successful completion of either a minimum of 24 academic credits in grades 9-12, an IB curriculum or an AICE curriculum. Completion of the AICE curriculum includes passing seven Cambridge Advanced (AICE) courses with at least one course from each of the three AICE subject group areas (1- 3), the Diploma core: Cambridge Advanced Global Perspectives and Research (AS Level) plus three additional Cambridge Advanced (AICE) courses, and taking all components of the corresponding seven Cambridge Advanced (AICE) AS or A Level end-of-course exams.

To be awarded an AICE Diploma, students must earn a minimum of seven points by passing a combination of examinations at either Cambridge Advanced A Level (counts for two points) or Cambridge Advanced AS Level (counts for one point), as follows. The AICE Diploma Core: Cambridge Advanced Global Perspectives and Research AS Level (mandatory – pass the AS Level exam) and six points from the following AICE subject group areas:

1. Mathematics and Sciences (minimum of one point)
2. Languages (minimum of one point)
3. Arts and Humanities (minimum of one point)
4. Interdisciplinary and Skills-Based (optional – maximum of 2)

**The Cambridge AICE Diploma** is awarded at Distinction, Merit or Pass level depending on the passing grades earned on the Cambridge Advanced (AICE) subject examinations. For Cambridge Advanced (AICE) exams, the passing letter grades range from A\* (at A Level only) to E with A\* being the highest. The lowest passing grade of E is comparable to a U.S. course grade of C or a 3 on an AP® examination. Students who do not qualify for a Cambridge AICE Diploma will receive AS or A Level General Certificate of Education (GCE) subject certificates for the subject examinations passed. Students who complete the Cambridge AICE curriculum will be provided with the best possible foundation for advanced postsecondary studies anywhere in the world.

**APPENDIX**

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## 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	2000360	Anatomy and Physiology Honors
0109310	Port Dev: Drawing Honors	2000440	Genetics Honors
0109320	Port. Dev: Two-Dimensional Design Honors	2001320	Earth Space Science Honors
0109330	Port. Dev: Three-Dimensional Design Honors	2002510	Marine Science 1 Honors
0300330	Dance Techniques 3 Honors	2002530	Marine Science 2 Honors
0300334	Dance Techniques 4 Honors	2003350	Chemistry 1 Honors
0300390	Dance Choreography 2 Honors	2003360	Chemistry 2 Honors
0400330	Theatre 3 Honors	2003390	Physics 1 Honors
0400340	Theatre 4 Honors	2003410	Physics 2 Honors
0400440	Technical Theatre Design & Production 4 Honors	2020910	Astronomy Solar/Galactic Honors
0701340	French 3 Honors	2100320	US History Honors
0701350	French 4 Honors	2102345	Economics with Financial Literacy Honors
0701360	French 5 Honors	2106320	US Govt. Honors
0701370	French 6 Honors	2109320	World History Honors
0702340	German 3 Honors	8106510H	Plant Biotechnology 3
0702350	German 4 Honors	8106830H	Agritechnology 2 Honors
0705340	Italian 3 Honors	8111550H	Veterinary Assisting 3 Honors
0705350	Italian 4 Honors	8111520H	Veterinary Assisting 4 Honors
0705360	Italian 5 Honors	8111530H	Veterinary Assisting 5 Honors
0706320	Latin 3 Honors	8113010H	Environmental Resources 3 Honors
0706330	Latin 4 Honors	8113020H	Environmental Resources 4 Honors
0707320	Russian 3 Honors	8117020H	Ag Communications 3 Honors
0708360	Spanish 3 Honors	8121520H	Horticultural Science 3 Honors
0708370	Spanish 4 Honors	8121610H	Horticultural Science/Services 4 Honors
0709320	Spanish For Spanish-Speakers 3 Honors	8121620H	Horticulture Science/Services 5 Honors
0711320	Chinese 3 Honors	8121630H	Horticulture Science/Services 6 Honors
0712320	Japanese 3 Honors	8206030H	Business Computer Programming 3 Honors
0800360	Health Explorations Honors	8206040H	Business Computer Programming 4 Honors
1001320	English Honors 1	8206050H	Business Computer Programming 5 Honors
1001350	English Honors 2	8206060H	Business Computer Programming 6 Honors
1001380	English Honors 3	8206070H	Business Computer Programming 7 Honors
1001410	English Honors 4	8207030H	Networking 2 Infrastructure Honors
1009331	Creative Writing 3 Honors	8207040H	Networking 3 Infrastructure Honors
1200320	Algebra 1 Honors	8207050H	Networking 4 Infrastructure Honors
1200340	Algebra 2 Honors	8207060H	Networking 5 Infrastructure Honors
1201315	Analysis of Functions Honors	8207070H	Networking 6 Infrastructure Honors
1202340	Pre-Calculus Honors	8207130H	Web Design 3 Honors
1206320	Geometry Honors	8207140H	Web Design 4 Honors
1210300	Probability & Statistics with Applications Honors	8207150H	Web Design 5 Honors
1211300	Trigonometry Honors	8207160H	Web Design 6 Honors
1302340	Band 5 Honors	8208130H	Game & Simulation 2D Graphic Dev. Honors
1302350	Band 6 Honors	8208140H	Game & Simulation 3D Graphic Animation Honors
1302400	Orchestra 5 Honors	8208330H	Game & Simulation Programming Honors
1302410	Orchestra 6 Honors	8208340H	Multi-User Game & Simulation Programming Honors
1302490	Instrumental Ensemble 4 Honors	8209530H	Digital Design 3 Honors
1302530	Jazz Ensemble 4 Honors	8209540H	Digital Design 4 Honors
1303340	Chorus 5 Honors	8209550H	Digital Design 5 Honors
1303350	Chorus 6 Honors	8209560H	Digital Design 6 Honors
1303470	Vocal Ensemble 4 Honors	8209570H	Digital Design 7 Honors
1800320H	Aerospace Science 3 Honors	8212440H	Multimedia Foundations 2 Honors
1800330H	Aerospace Science 4: Leadership Development Honors	8212450H	Multimedia Foundations 3 Honors
1801320H	Leadership Education and Training 3 Honors	8401030H	Technical Design 3 Honors
1801330H	Leadership Education and Training 4 Honors	8401130H	Applied Engineering Technology 3 Honors
2000320	Biology 1 Honors	8405130H	Early Childhood Education 3 Honors
2000330	Biology 2 Honors	8405140H	Early Childhood Education 4 Honors

## WEIGHTED COURSES

8417110H	Health Science 2 Honors
8417131H	Allied Health 3 Honors
8417171H	First Responder 3 Honors
8600520H	Principles of Engineering (PLTW) Honors
8600530H	Digital Electronics Honors
8600550H	Introduction to Engineering Design (PLTW) Honors
8600560H	Computer Integrated Manufacturing Honors
8600590H	Civil Engineering & Architecture Honors
8600620H	Aerospace Engineering Honors
8600650H	Engineering Design & Development Honors
8600830H	Drafting/Illustrative Design Technology 3 Honors
8601030H	Communications Technology 3 Honors
8601740H	Production Technology 3 Honors
8601770H	Engineering Technology 3 Honors
8601780H	Aerospace Technologies 3 Honors
8601900H	Advanced Technology Applications Honors
8720330H	Building Construction 3 Honors
8720340H	Building Construction 4 Honors
8720350H	Building Construction 5 Honors
8720360H	Building Construction 6 Honors
8720370H	Building Construction 7 Honors
8722130H	Carpentry & Cabinetmaking 3 Honors
8722140H	Carpentry 4 Honors
8722150H	Carpentry 5 Honors
8722160H	Carpentry 6 Honors
8732130H	Computer Systems Technology 3 Honors
8772130H	Television Production 3 Honors
8772140H	Television Production 4 Honors
8772150H	Television Production 5 Honors
8772160H	Television Production 6 Honors
8772430H	Digital Video Production 3 Honors
8772440H	Digital Video Production 4 Honors
8800530H	Culinary Arts 3 Honors
8800540H	Culinary Arts 4 Honors
8806030H	Fashion Marketing Management Honors
8815110H	Financial Operations Honors
8815120H	Financial Planning Honors
8815130H	Financial Internship Honors
8827130H	Marketing Management Honors
8827430H	Sport/Rec./Entertain. Marketing Management Honors
8909030H	Teaching Assisting 3 Honors
8909040H	Teaching Assisting 4 Honors
8918030H	Criminal Justice Operations 3 Honors
8918040H	Criminal Justice Operations 4 Honors
9001230H	CSIT Network Systems Configuration Honors
9410130H	Robotic Systems Honors
9410140H	Robotic Applications Capstone Honors

Beginning with students who entered the **ninth grade in 2006-2007**, all Dual Enrollment courses will receive the same 1.0 weighting as AICE, Advanced Placement and International Baccalaureate courses.

# Florida Department of Education Resources

## Resources

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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
- 🕒 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: <http://www.fldoe.org/core/fileparse.php/7764/urlt/1415forwardflyer.pdf>

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 for Students with Disabilities: a Guide for Families](#).

### 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](http://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 31, 2022.** 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 Course Activation Request Form: <https://bit.ly/3qmYqIZ>**

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