

PINE RIDGE HIGH SCHOOL

PROGRAM OF STUDIES

2025-2026



Pine Ridge High School

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Vision Statement

Create life-long learners prepared for an ever-changing global society.

Mission Statement

Volusia County Schools will ignite a passion for learning in all students to be productive citizens.

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

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ART

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

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

0101300	TWO-DIMENSIONAL STUDIO ART 1	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	CREATING TWO-DIMENSIONAL ART
Type of Credit:	Performing Fine Arts	

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

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

The purpose of this course is to develop and refine mark-making and technical skills using a variety of media to achieve spatial relationships in representational, abstract, and nonrepresentational drawing, painting, printmaking, collage, and/or design. Students sketch, manipulate, and refine the structural elements of art through the organizational principles of design to complete a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and the work of others; consider how art reflects society; and collaborate on ideas and imagery. This course incorporates historical and cultural references, hands-on activities, sketchbook journaling, and consumption of art materials.

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

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

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

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

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

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

0109310	PORTFOLIO DEVELOPMENT: DRAWING HONORS	
	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 drawing, painting, printmaking, and/or mixed media that emphasizes line quality, rendering of form, composition, surface manipulation, and/or illusion of depth. Students regularly reflect on aesthetics and art issues individually and in a group and focus on expressive content that is progressively more innovative and representative of artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision, artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving abilities related to structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. This course incorporates hands-on activities and consumption of art materials.

0109320	PORTFOLIO DEVELOPMENT: TWO-DIMENSIONAL DESIGN HONORS	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Art Teacher Recommendation
Type of Credit:	Performing Fine Arts	

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

☆ 0104300	ADVANCED PLACEMENT STUDIO ART: DRAWING PORTFOLIO	
	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 selected works and a sustained investigation in drawing concepts, skills, and techniques. The content should include, but not be limited to, the experiences in the development of perceptual, conceptual, and technical aspects of drawing, painting and/or printmaking. Preparation of the appropriate number of works, digital documentation and upload to The College Board site for portfolio evaluation, and presentation techniques are required in each of three portfolio sections to be evaluated by The College Board. Research analysis, sketchbook/journal, and aesthetic and historical criticism are required for this in-depth study in non-linear thinking. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course.

☆ 0109350	ADVANCED PLACEMENT STUDIO ART: 2-D DESIGN PORTFOLIO	
	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 advanced students the opportunity to develop selected works and a sustained investigation. 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.

0300310	DANCE TECHNIQUES 1	
	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. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

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

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. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

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

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

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

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

choreography, perform repertoire, and submit a world investigation paper and process paper for testing. **Students will take HL IB Assessment.** Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

DRAMA/THEATRE

0400310	THEATRE 1	
	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. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

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

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

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

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

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

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

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

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

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

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

**For each consecutive year of study (Technical Theatre Design and Production 2-4), the same description is used, with more advanced applications and techniques.*

The purpose of this course is to provide in-depth training in theatrical skills, technical skills, and self- development in the art. Extensive research will be incorporated into this course. The Theatre 3-IB course will focus on the historical examination of theatre to understand various cultures and the art form. Included are performance, technical skills, objective self-criticism, and the synthesis of knowledge through a research project. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

☆0400346	CAMBRIDGE AICE DRAMA 1 AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Performing Arts/Fine Arts

Cambridge International AS & A Level Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. They learn to communicate with an audience through practical and creative work on performance texts and their own devised material, both as individuals and in groups. Underpinned by theoretical and practical study, they learn to research, analyze, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama. Cambridge International AS & A Level Drama provides a foundation for the further study of drama or related courses in higher education. Students will submit coursework and sit for written portions to earn an exam score at the end of the course. At AS Level, students focus on three key areas: (1) the exploration, interpretation and analysis of the potential of dramatic texts in a performance context (2) the development of dramatic skills and their application to the process of devising based on a selected stimulus (3) the development of acting skills and their application to scripted performance. Students take the AS Level examination.

☆0400347	CAMBRIDGE AICE DRAMA 1 A LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Drama and Teacher Recommendation
	Type of Credit:	Performing Arts/Fine Arts

Cambridge International AS & A Level Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. Underpinned by theoretical and practical study, they learn to research, analyze, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama. Cambridge International AS & A Level Drama provides a foundation for the further study of drama or related courses in higher education. Students will submit coursework and sit for written portions to earn an exam score at the end of the course. At A Level, students focus on three key areas: (1) theatre-making and performance through the process of devising and presenting a piece inspired by a selected practitioner or tradition or style (2) structuring individual performance work from materials on a chosen theme selected and linked by the student (3) exploration of and research into performance texts, practitioners, styles, and genres. Students take the A Level examination.

ENGLISH

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

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

☆ 1001560	CAMBRIDGE PRE-AICE ENGLISH LANGUAGE IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	English/Language Arts

This course is designed for learners to develop the ability to communicate clearly, accurately and effectively in both speech and writing. They learn how to employ a wide-ranging vocabulary, use correct grammar, spelling and punctuation, and develop a personal style and an awareness of the audience being addressed. Learners will also read widely, both for their own enjoyment and to further their awareness of the ways in which English can be used. This course also develops more general analysis and communication skills such as synthesis, inference, and the ability to order facts and present opinions effectively.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☆1009400	CAMBRIDGE AICE ENGLISH GENERAL PAPER AS Level	
	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	CAMBRIDGE AICE ENGLISH LANGUAGE AS Level	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
Type of Credit:	English/Language Arts	

This course will build learners' ability to understand and write in English through the study of a broad range of contemporary topics. They will analyze opinions and ideas and learn how to construct an argument. Students will develop highly transferrable skills including how to develop arguments and present reasoned explanations, a wider awareness and knowledge of current issues, independent reasoning, interpretation and persuasion skills, the ability to present a point of view clearly and reflect upon those of others. **Students will take the AS Level examination.**

☆1005370	CAMBRIDGE AICE ENGLISH LITERATURE 1 AS Level	
	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. **Students will take the AS Level examination.**

1001315	ENGLISH 1 CREDIT RECOVERY	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite	Failing of English 1; Counselor Recommendation
Type of Credit	Elective (Can be used to forgive failed English 1 course)	

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

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

NOTE: This course does not meet NCAA requirements.

1001345	ENGLISH 2 CREDIT RECOVERY	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Failing of English 2; Counselor Recommendation
Type of Credit:	Elective (Can be used to forgive failed English 2 course)	

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

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

NOTE: This course does not meet NCAA requirements.

1001375	ENGLISH 3 CREDIT RECOVERY	
	Offered:	Grade 11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Failing of English 3; Counselor Recommendation
Type of Credit:	Elective (Can be used to forgive failed English 3 course)	

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

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

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

NOTE: This course does not meet NCAA requirements.

1001402	ENGLISH 4 CREDIT RECOVERY	
	Offered:	Grade 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Failing of English 4; Counselor Recommendation
Type of Credit:	Elective (Can be used to forgive failed English 4 course)	

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

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

NOTE: This course does not meet NCAA requirements.

MEDIA, PRINT, AND ORAL COMMUNICATIONS

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

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.

1006310	JOURNALISM 2	
	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.

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

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

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

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

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

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

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted.

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

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

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted.

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

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

Honors and Advanced Level Course Note: Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted.

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

The purpose of this course is to enable students to perform highly advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop extended knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School, community, and professional publication is expected. **Honors and Advanced Level Course Note:** Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted.

☆1100460	CAMBRIDGE AICE MEDIA STUDIES AS LEVEL	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components - the Foundation Portfolio for AS Level and the Advanced Portfolio for A Level - they create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. **Students will take the AS Level examination.**

	CAMBRIDGE AICE MEDIA STUDIES A Level	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

This course offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components - the Foundation Portfolio for AS Level and the Advanced Portfolio for A Level - they create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. **Students will take the AS Level examination.**

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

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

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

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

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

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

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

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

**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)*

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

0708340	SPANISH 1
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.

☆ 0708532	CAMBRIDGE PRE-AICE SPANISH 1 IGCSE
Offered:	Grade 9, 10
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	World Language

This course is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

0708350	SPANISH 2
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	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.

☆0708534	CAMBRIDGE PRE-AICE SPANISH 2 IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Spanish 1
	Type of Credit:	World Language

This course is a continuation of Pre-AICE Spanish 1 and is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

☆0708536	CAMBRIDGE PRE-AICE SPANISH 3 IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Spanish 2
	Type of Credit:	World Language

This course is a continuation of Pre-AICE Spanish 2 and is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

☆0708538	CAMBRIDGE AICE SPANISH LANGUAGE AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

Students will achieve greater fluency, accuracy and confidence in the language as it is spoken and written form and improve their communication skills. They will learn how to improve their use of Spanish in a variety of situations, understanding how to read texts and other source materials, extract information, initiate conversations and respond to questions both orally and in writing. **Students will take the AS Level examination.**

0707300	RUSSIAN 1	
	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.

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

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

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

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

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

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

MATHEMATICS

1200310	ALGEBRA 1	
	Offered:	Grade 9, 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Math

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

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

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

This is the first year of a two-year Algebra 1 sequence. The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems using concrete models to explain

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

In Algebra 1-A, instructional time will emphasize four areas: (1) extending understanding of functions to linear functions and using them to model and analyze real-world relationships; (2) solving linear equations and inequalities in one variable and systems of linear equations and inequalities in two variables; (3) building linear functions, identifying their key features and representing them in various ways and (4) representing and interpreting categorical and numerical data with one and two variables.

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

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

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

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

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

In Mathematics for College Liberal Arts, instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory. **This course does not meet NCAA requirements.**

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

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

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

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

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

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

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

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

1210300	Probability and Statistics Honors	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Algebra 2/Algebra 2 Honors
Type of Credit:	Math	

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

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

In Precalculus Honors, instructional time will emphasize six areas: (1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions; (2) extending understanding of functions to trigonometric; (3) developing understanding of conic sections; (4) representing and performing operations with complex numbers and vectors in the 47

coordinate plane; (5) extending understanding of relations in the plane using parametric representations, including polar coordinates and (6) analyzing arithmetic and geometric sequences and series.

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

The purpose of this course is to offer students college-level pre-calculus under the guidelines of the Advanced Placement program. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. Students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. The focus is on preparation for the AP Precalculus exam given by the College Board. Calculators and computers will serve as instructional tools in concept development. **Students will take the College Board Assessment for this course.**

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

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

☆ 1202320	ADVANCED PLACEMENT CALCULUS BC	
	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.

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

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

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

This is an **elective course** that was designed to support the student’s success in satisfying the high school math requirement of passing the Algebra 1 EOC Exam. The purpose of this course is to remediate content and skills assessed on the Algebra 1 EOC in order to prepare for the retake exam. There is no required seat time for this course and students may earn an elective half credit for each semester they are registered. There are no limits on the number of times a student may take this course.

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

NOTE: This course does not meet NCAA requirements.

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

This is an **elective course** that was designed to support the student’s success in satisfying the high school math requirement of passing the Geometry EOC Exam. The purpose of this course is to remediate content and skills assessed on the Geometry EOC in order to prepare for the retake exam. There is no required seat time for this course and students may earn an elective half credit for each semester they are registered. There are no limits on the number of times a student may take this course.

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

NOTE: This course does not meet NCAA requirements

MUSIC

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

The course contains the study of fundamental terminology, notational skills, key signatures, and transposition. Two-part counterpoint, harmonization of melodies and four-part realization of figured bass symbols will be studied. Extensive melodic, rhythmic, and harmonic-ear training will be included.

1301320	GUITAR 1	
	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. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

1302300	BAND 1	
	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, brass or percussion instruments), band performance techniques, musical literacy and music appreciation. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1302520	JAZZ ENSEMBLE 3	
	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. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

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

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

1303310	CHORUS 2	
	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. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

1303330	CHORUS 4	
	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. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

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

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

1303440	VOCAL ENSEMBLE 1	
	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 performance in ensembles through the study of varied literature. Instrumental accompaniment and choreography may be included. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

1303460	VOCAL ENSEMBLE 3	
	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 creativity and refine performance techniques through the study of varied appropriate literature. Instrumental accompaniment and choreography may be included. Costs and/or fees may be required. After school rehearsals, performances, and/or instruction are a part of this course.

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

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

PHYSICAL EDUCATION

FITNESS:

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

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

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

Students will acquire basic knowledge and skills in weight training 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.

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

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

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

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

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

The purpose of this course is to acquire knowledge and skills in power weight training and improve or maintain health related physical

fitness. Students will learn safety practices, techniques and assessment of basic Olympic and power weight training skills, assessment of health-related fitness, consumer issues related to weight training and fitness activities.

INDIVIDUAL AND DUAL:

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

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

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

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

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

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

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

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

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

Students will learn safety practices, skills, techniques, rules and strategies in selected team sports. Health-related components of

fitness will be emphasized. The selected team sports may include, but not be limited to team handball, flicker-ball, gator-ball, speedball, field hockey and track and field. Special Note: Activities selected in Team Sports 1 may not be repeated in Team Sports 2.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

RESEARCH

☆1700364	CAMBRIDGE AICE GLOBAL PERSPECTIVES AS LEVEL	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Elective

Students will broaden their outlook through the critical analysis of - and reflection on - issues of global significance. The course is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. Collaborative skills are enhanced through participation in a team project. The skills gained through study of AS Global Perspectives and Research enable students to meet the demands of twenty-first century learning and to make a successful transition to study in higher education. As part of the course, learners write a research report on a research question of their own choice. ***Students will take the AS Level examination.***

☆1700365	CAMBRIDGE AICE GLOBAL PERSPECTIVES A LEVEL	
	Offered:	Grade 11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Global Perspectives
	Type of Credit:	Elective

Students will broaden their outlook through the critical analysis of - and reflection on - issues of global significance. The course is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. Collaborative skills are enhanced through participation in a team project. The skills gained through study of AS Global Perspectives and Research enable students to meet the demands of twenty-first century learning and to make a successful transition to study in higher education. As part of the course, learners write a research report on a research question of their own choice. ***Students will take the A Level examination.***

ROTC AND MILITARY TRAINING

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

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

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

This course is a joint cooperative effort between the United States Air Force and the secondary school system. All Air Force JROTC programs consist of extensive practical application demonstrated “hands-on” performance in community support activities, and

knowledge of subject material evaluated through a variety of assessment techniques. The laboratory element is the most vital component of the program. Course content includes but is not limited to the following: leadership theory; drill and ceremonies; hygiene and first aid; physical fitness; oral communication techniques; effective study skills and safety.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SCIENCE

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

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

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

This course provides students with exploratory activities, laboratory experiences and real-life applications in the biological sciences. The content includes the nature of science, matter, energy, biochemistry, cell biology, genetics, levels of organization and classification, structure, function and reproduction of plants, animals, and microorganisms, behavior of organisms, interrelationships among organisms, biological selection, adaptations, and changes through time. The Biology EOC has three reporting categories: Molecular and Cellular Biology (35%), Organisms, Populations and Ecosystems (40%), Classification, Heredity and Evolution of Living Organisms (40%). **All students are required to 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	BIOLOGY 1 HONORS	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
	Type of Credit:	Biology

This advanced course provides integrated laboratory experiences and real-life applications in the essential processes of life. The content includes the nature of science, matter, energy, biochemistry, cell biology, genetics, levels of organization and classification, structure, function and reproduction of plants, animals, and microorganisms, behavior of organisms, interrelationships among organisms, biological selection, adaptations and changes through time. Students entering this course in 9TH grade should have earned a 3 or higher on the 8TH grade Florida Statewide Science Assessment and or a 3 on the Reading FSA. Laboratory investigations will include the use of the scientific process, measurement, observations, predictions, reasoning, and problem-solving skills. Preserved animal studies may be a part of this course. The Biology EOC has three Reporting Categories: Molecular and Cellular Biology (35%), Organisms, Populations and Ecosystems (40%), Classification, Heredity and Evolution of Living Organisms (40%). **All students are required to 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	CAMBRIDGE PRE-AICE BIOLOGY IGCSE LEVEL	
	Offered:	Grade 9
	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	CAMBRIDGE AICE BIOLOGY 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Biology or equivalent course EQ
Type of Credit:	Science	

Students will learn main theoretical concepts which are fundamental to the subject, a section on some current applications of biology, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of biology ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem- solving skills which are transferable to any future career path. **Students will take the AS Level examination.**

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

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

☆2001381	CAMBRIDGE AICE ENVIRONMENTAL MANAGEMENT AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Biology or Pre-AICE Environmental or equivalent course
Type of Credit:	EQ Science	

Students will learn environmental issues and their management, especially the human aspect. Through their studies, learners gain an understanding of environmental resources and their human exploitation, and the goal of sustainable environmental management. Learners also consider a range of case study material which can feature local, regional or global examples. **Students will take the AS Level examination.**

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

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

☆2002515	CAMBRIDGE AICE MARINE SCIENCE 1 AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or equivalent course
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.**

☆2002535	CAMBRIDGE AICE MARINE SCIENCE 2 A LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Marine Science or equivalent course
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 A Level examination.**

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

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

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

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

☆2003372	CAMBRIDGE PRE-AICE CHEMISTRY IGCSE	
	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	CAMBRIDGE AICE CHEMISTRY 1 AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE-Biology and Pre AICE-Chemistry or equivalent course
Type of Credit:	EQ Science, Physical	

Students will learn the main theoretical concepts which are fundamental to the subject, a section on some current applications of chemistry, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of chemistry ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. ***Students will take the AS Level examination.***

SOCIAL STUDIES

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

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

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

This course will provide students with knowledge of the fundamentals of both macro and micro economics in order to promote economics. 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 notetaking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., Social Studies fair, participatory citizenship project, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

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

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

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

This course provides a comprehensive understanding of American government and political behavior. Content will include an evaluation of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the bill of Rights); the roles and changing nature of political parties and interest groups; the changing nature of citizen rights and responsibilities in a democratic state; and the importance of civic participation in the democratic political process. Honors courses offer scaffolded

learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g. Social Studies fair, participatory citizenship project, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

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

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive reading and writing assignments. The purpose of this course is to give students a critical perspective on politics and government in the United States. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Specific content to be covered will include an understanding of federalism and the separation of powers, the development of the constitution, the process of politics, the nature of public opinion, the role of political parties and interest groups, the major formal and informal institutional arrangement of powers, and the development of civil liberties and civil rights. **Students will take the corresponding AP exam.** Financial Literacy Components required by Section 1003.4282, Florida Statutes, are integrated into this course.

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

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive readings and writing assignments. This course provides students with the opportunity to analyze the functioning of the economy, 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.**

☆2100490	CAMBRIDGE AICE INTERNATIONAL HISTORY 1 – AS LEVEL	
	Offered:	Grade 10,11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	NONE
	Type of Credit:	World History

In this course, learners will modern history in the nineteenth and twentieth centuries. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. At AS learners can select from topics in International history. **Students will take the AS Level – International History examination.**

☆0900500	CAMBRIDGE AICE CLASSICAL STUDIES 1 AS LEVEL	
	Offered:	Grade 10,11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	Humanities - Elective

Students will have an understanding of the civilizations of ancient Greece and Rome, and an appreciation of the diversity of the Classical world. The syllabus exposes learners to a range of original sources (textual, material, archaeological) and develops their abilities to interpret, analyze and evaluate a range of evidence. **Students will take the AS Level examination.**

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

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

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

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

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

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

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

The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from the Civil War and

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

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

See course content information for US History (2100310).

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

NOTE: This course does not meet NCAA requirements.

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

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

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

This course provides a comprehensive understanding of the past in terms of the development of humanity. This is done by analyzing the cultural, dynastic, economic, military, political, religious, scientific, and social events that have shaped and molded humanity. Content will include geo-historic development; comparative views of history; the origin and development of contrasting civilizations, political theories and philosophies; an analysis of cultural universals; the diversity of economic thought and practices; the influence of major figures and events; and interpretations concerning the historical development of our contemporary world affairs. Honors courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in notetaking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g. Social Studies fair, projects for competitive evaluation, or other teacher-directed projects).

☆ 109321	PRE-AICE WORLD HISTORY IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
Type of Credit:	World History	

In this course, learners will look at major international issues of the nineteenth and twentieth centuries, as well as covering the history of particular regions in more depth. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of the nature of cause and effect, continuity and change, similarity and difference and find out how to use and understand historical evidence as part of their studies. Cambridge IGCSE History will stimulate any learner already interested in the past, providing a basis for further study, and also encouraging a lifelong interest in the subject. Both coursework and non-coursework options are available.

☆ 2100500	CAMBRIDGE AICE U.S. HISTORY 1 AS LEVEL	
	Offered:	Grade 9, 10, 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.***

☆ 2107360	CAMBRIDGE AICE PSYCHOLOGY 1 – AS LEVEL	
	Offered:	Grade 9, 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.***

☆ 2102410	CAMBRIDGE AICE TRAVEL AND TOURISM 1 AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
Type of Credit:	Elective	

In this course, learners learn and appreciate the scale and importance of the travel and tourism industry in the world and recognize the positive and negative impacts the industry may have on people, environments and economies. Learners discover that the travel and tourism industry is dynamic in nature and how the industry responds to change: for example, external factors such as changing consumer needs and expectations, developments in ICT. The syllabus encourages learners to develop practical and technical skills relevant to the industry, enabling them to deal with a range of complex situations and problems. ***Students take the AS Level examination.***

STUDY HALL

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

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

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

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

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

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

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

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

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

TRAFFIC SAFETY/DRIVER EDUCATION

1900310	DRIVER EDUCATION/TRAFFIC SAFETY CLASSROOM AND LABORATORY	
	Offered:	Grade 10, 11, 12
	Credit:	.50
	Length:	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

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

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

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

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

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

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

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

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

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

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

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

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

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



VOLUSIA VIRTUAL SOLUTIONS



Volusia County Schools offers a wide range of virtual educational options through Volusia Virtual Solutions. Parents interested in virtual education can register to attend monthly information sessions at volusiaonlinelearning.com. These information sessions will help families better understand the options provided by VCS as well which virtual solution is best for their family. A summary of VOL and VFlex, as well as expected course offerings, are provided below.

Volusia Online Learning (VOL)

Volusia Online Learning (VOL) is an online, public school offered by the Volusia County School district. All VOL teachers are local, which allows for multiple opportunities for face-to-face meetings with teachers and other virtual students. All curriculum is aligned to state standards and is accessed by students in a fully online educational environment, which includes a variety of online resources, virtual lessons, teacher discussions, and assessment tools. VOL students are eligible to participate in a graduation ceremony upon completion of graduation requirements and will receive an accredited Volusia County School diploma.

VOL follows the Volusia County School district school calendar, therefore the first and last day of school for VOL students is the same as with any other VCS school. VOL students have access to their online courses 24/7, while VOL parents have 24-hour access to student course progress and grades. VOL also adheres to the VCS calendar for grade reporting purposes. **All coursework must be completed by the end of each quarter as designated by your child's teacher.**

VFlex

VFlex partners with traditional schools and home education families to expand educational options for students in grades 6-12. This flexible alternative satisfies a wide range of educational needs, accommodating everyone from students in traditional educational settings seeking additional courses to homeschooling families aiming to complement their existing curriculum. VFlex is open to registered Volusia County Schools students and students registered with [VCS Office of Home Education](#).

All core courses and a variety of electives are offered (see below). **Students will be scheduled for courses on the virtual education platform that best matches their academic, testing, and previous online learning experience, as well as the availability of courses on individual platforms.** Students can request courses with VFlex via the online VFlex application or by meeting with their school counselor.

Available Courses**

Learning Platform

	Course Name	Course #	Edmentum	FLVS	Canvas
English	English 1	1001310	X	X	
	English 1 Honors	1001320		X	
	English 2	1001340	X	X	
	English 2 Honors	1001350		X	
	English 3	1001370	X	X	
	English 3 Honors	1001380		X	
	English 4	1001400	X	X	
	English 4 Honors	1001410		X	
	AP English Language and Composition	1001420		FLEX*	

	AP English Literature and Composition	1001430		FLEX*	
Math	Algebra 1A	1200370	X	X	
	Algebra 1	1200310	X	X	
	Algebra 1 Honors	1200320		X	
	Geometry	1206310	X	X	
	Geometry Honors	1206320		X	
	Math for College Liberal Arts	1207350	X		
	Math for College Algebra	1200710	X		
	Math for Data & Financial Literacy	1200384	X		
	Algebra 2	1200330	X		
	Algebra 2 Honors	1200340		X	
	Probability and Statistics w/ Applications Honors	1210300		X	
	Pre-Calculus	1202340		X	
	AP Calculus AB	1202310		FLEX*	
	AP Calculus BC	1202320		FLEX*	
	AP Precalculus	1202305		FLEX*	
	AP Statistics	1210320		FLEX*	
Science	Biology	2000310	X	X	
	Biology Honors	2000320		X	
	Physical Science	2003310	X	X	
	Physical Science Honors	2003320		X	
	Chemistry (regular and honors)	2003340/50		X	
	Physics 1 Honors	2003390		X	
	Anatomy and Physiology Honors	2000360		X	
	Environmental Science	2001340	X	X	
	Environmental Science Honors	2001341		X	
	Forensic Science	2002480		X	
	AP Biology	2000340		FLEX*	
	AP Environmental Science	2001380		FLEX*	
	AP Physics	2003422		FLEX*	
Social Studies	World History	2109310	X	X	
	World History Honors	2109310/20		X	
	U.S. History (regular and honors)	2100310/20		X	
	Economics (semester)	2102310	X	X	
	Economics Honors (semester)	2102320		X	
	U.S. Government (semester)	2106310	X	X	
	U.S. Government Honors (semester)	2106320		X	
	AP Human Geography	2103400		FLEX*	
	AP US History	2100330		FLEX*	
	AP Macroeconomics	2102370		FLEX*	
	AP Microeconomics	2102360		FLEX*	
	AP U.S. Government and Politics (semester)	2106420		FLEX*	
World	American Sign Language 1	717300		X	
	American Sign Language 2	717310		X	
	American Sign Language 3 Honors	717312		X	

	American Sign Language 4 Honors	717314			X
	Spanish 1	708340	X		
	Spanish 2	708350	X		
	Spanish 3 Honors	708360	X		
	Spanish 4 Honors	708370		X	
P.E.	Personal Fitness (semester)	1501300	X		
	Fitness Lifestyle Design (semester)	1501310	X		
	Outdoor Education (semester)	1502480		X	
ELECTIVES	Two-Dimensional Studio Art	101300		X	
	African American History	2100340			X
	Career Research and Decision Making (semester)	1700380	X		
	AP Computer Science A	200320		FLEX*	
	AP Computer Science Principles	200335		FLEX*	
	Blueprint for Professional Success	8500375	X		
	Creative Writing 1 (semester)	1009320	X		
	Creative Writing 2 (semester)	1009330	X		
	Critical Thinking & Study Skills (semester)	1700370		X	
	Digital Art Imaging 1	108370		X	
	Digital Information Technology	8207310	X		
	Driver Education/Traffic Safety - permit only (semester)	1900300	X		
	Foundations of Programming	9007210	X		
	Intensive Reading 1 -for 9 th graders (Achieve 3000)	1000412			X
	Intensive Reading 2 -for 10 th graders (Achieve 3000)	1000414			X
	Intensive Reading 3 -for 11 th graders (Achieve 3000)	1000416			X
	Intensive Reading 4 -for 12 th graders (Achieve 3000)	1000418			X
	Introduction to Hospitality & Tourism	8850110	X		
	On the Job Training (OJT)	8300420			X
	Personal Finance & Money Management (reg. & honors) (semester)	2102371/73		X	
	Principles of Entrepreneurship	8812110	X		
	Psychology 1 (semester)	2107300	X		
	Psychology 2 (semester)	2107310	X		
	Social Media (semester)	1006375	X		
	Speech 1 (semester)	1007300	X		
	Speech 2 (semester)	1007310	X		

* FLEX courses are in FLVS only and are assigned based on the availability of FLVS teachers. VVS has no control over scheduling of FLEX courses

** Offerings are subject to change based on scheduling demand, instructional capacity, and course availability

EXCEPTIONAL STUDENT EDUCATION

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MULTI-VE AND VE MODIFIED (ACCESS PROGRAMS)
ACADEMIC

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SPECIAL SKILLS COURSES

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

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

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

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

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

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

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

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

VOCATIONAL EDUCATION FOR STUDENTS WITH DISABILITIES

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

The purpose of this course is to enable students with disabilities to acquire the career knowledge and skills necessary to identify career options, access community resources, and develop work-related behaviors. The course will provide a

foundation for further progress toward achieving the student’s desired post-school outcomes related to a career. The content should include, but not be limited to, the following: self-appraisal, decision making, self-determination and self-advocacy, career options, community resources related to career decisions, workplace competencies, and rights and responsibilities of employees. This entire course may not be mastered in one year.

7980120	CAREER EXPERIENCES: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

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

7980150	SUPPORTED COMPETITIVE EMPLOYMENT	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enable students with moderate and severe disabilities who are functioning at supported levels to acquire skills necessary for successful individual supported competitive employment. Supported employment refers to competitive work in an integrated work setting with ongoing support services for individuals with moderate and severe handicaps for whom competitive employment has not traditionally occurred. Features of supported employment include intensive onsite training, fade-off, ongoing monitoring, and onsite advocacy. Students will receive one-to-one intensive training by a job coach or employment specialist. The students will be paid at or above minimum wage. A weekly work hour goal is to be established for each individual that would maximize employment potential at the time of transition. The weekly work hour goal will be identified in the student’s Transition Individual Educational Plan. Students will receive ongoing support with at least one hour of follow-along services per week at the job site after stabilization has been attained. Stabilization refers to the point at which onsite training and support services in an individual employment situation has been 20% or less of normal work hours for at least 60 calendar days. The content of the course is expected to be provided as part of employment activities, not as pre-employment. The content should include, but not be limited to, the following: positive work attitudes and habits, appropriate hygiene and grooming skills, related safety procedures, appropriate decision-making skills, specific job-related skills, and self-reliance and initiative. This entire course may not be mastered in one year.

ABCD SCHEDULE: STANDARD DIPLOMA VIA ACCESS COURSES

Schedule A 2023-2024	Schedule B 2024-2025	Schedule C 2025-2026	Schedule D 2026-2027
Access Geometry 7912065	Access Algebra 1 7912075	Access Geometry 7912065	Access Algebra 1 7912075
Access Physical Science 7920022	Access Biology 7920015	Unique Skills or elective course, as needed	Access Earth/Space Science 7920020
Access World History 7921027	Access US History 7921025	(½) Access Economics 7921020	Access HOPE (Health Opp. Through Phys. Ed.) 7915015
		(½) Access US Government 7921015	
		Self Determination 7963140	
Self Determination 7963140	Self Determination 7963140	(½) Financial Literacy 7919*** (TBD)	Self Determination 7963140
Access English 1 – 7910120 (9) Access English 2 – 7910125 (10)		Access English 3 – 7910130 (11) Access English 4 – 7910135 (12)	
<p align="center"><i>One of the following:</i></p> <p align="center">Career Preparation - 7980110 Career Experience – 7980120 Supported Competitive Employment – 7980150</p>			
<p align="center"><i>One or more of the following:</i></p> <p align="center">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)</p>			

TRANSITION Schedule (for students who have met diploma requirements and are deferring receipt of the diploma)
Preparation for Adult Living (3-4 periods) - 7963010
Career Experience - 7980120 or Supported Competitive Employment (3-4 periods) - 7980150

SEPARATE CLASS – MILD VE , ASD, and SC-EBD ACADEMIC

Students with disabilities who are not eligible for alternate assessment must enroll in general education courses.

Instructional Strategies

1. Utilize UDL strategies when planning lessons for all students.
2. Ensure that students have accessible instructional materials.
3. Ensure that students read 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.

and self-advocating in multiple settings.

ALL PROGRAMS SPECIAL SKILLS COURSES

7963040	EXPANDED SKILLS: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to enhance the acquisition, comprehension, and use of language for students who are deaf or hard of hearing. The content should include, but not be limited to, the following: communication, hearing aids and assistive devices, community resources and services, hearing loss, deaf culture and heritage, and interpreters and note takers. This entire course may not be mastered in one year. **The particular course requirements that the student must master each year must be specified on an individual basis through the Individual Educational Plan Process.**

7963050	EXPANDED CORE COMPETENCIES: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies None
	Prerequisite:	Elective
	Type of Credit:	

The purpose of this course is to provide instruction for students who have visual impairments which affect their ability to function in the home, community, or educational setting. The content should include, but not be limited to, the following: maximum use of sensory input; access to print information through use of strategies and modifications for completion of general education requirements; personal communication systems; personal management; social and interpersonal relationships; and productivity and career options. This entire course may not be mastered in one year. **The particular course requirements that the student must master each year must be specified on an individual basis through the Individual Educational Plan Process.**

7963060	ORIENTATION AND MOBILITY SKILLS: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide instruction in skills involving orientation and mobility. Orientation is the collection and organization of information concerning the environment and one's relationship to it. Mobility is the ability to move efficiently within the environment. The content should include, but not be limited to, the following: developing safe, efficient and independent travel skills in one's neighborhood, community, and school environment; using major forms of public transportation; traveling to specified destinations in an unfamiliar environment; and locating and reading survival symbols in order to access public places. This entire course may not be mastered in one year. **The particular course requirements that the student must master each year must be specified on an individual basis through the Individual Educational Plan Process.**

THERAPY COURSES

7966010	PHYSICAL THERAPY: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide instruction to students with disabilities who have physically disabling conditions, including sensorimotor or neuromuscular deficits that substantially limit one or more major life activities and require adaptation of the school environment or curriculum in order to benefit from an educational program. The content should include, but not be limited to, the following: maintain, restore, or enhance motor and sensory skills; use adaptive equipment and assistive devices; and promote independence in mobility and management of health-related functions. This entire course may not be mastered in one year.

7966020	OCCUPATIONAL THERAPY: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide instruction to students with disabilities whose physical, motor, or neurological deficits result in significant dysfunction in daily living or academic learning skills to the extent that they require adaptation of the school environment or curriculum to benefit from an educational program. The content should include, but not be limited to, the following: maintain, restore, or enhance motor and sensory skills; use adaptive equipment and assistive devices; and promote independence in activities of daily living. This entire course may not be mastered in one year.

7966030	SPEECH THERAPY: 9-12	
	Offered:	Grade 9, 10, 11, 12
	Credit:	Multiple
	Length:	Varies
	Prerequisite:	None
	Type of Credit:	Elective

The purpose of this course is to provide students exhibiting communication disorders that negatively impact their ability to benefit from the educational process appropriate instruction in the communication skills necessary for academic learning, social interaction, and vocational success. The content should include, but not be limited to, the following: articulation therapy, fluency therapy, and voice therapy. This entire course may not be mastered in one year.

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

The purpose of this course is to provide students exhibiting language disorders that negatively impact their ability to benefit from the educational process appropriate instruction in language skills, both oral and written, necessary for academic learning, social interaction, and vocational success. The content should include, but not be limited to, the following: form, including phonology, syntax, and morphology; content, including semantics; and function, including pragmatics. This entire course may not be mastered in one year.



PROGRAM OF STUDIES 2025-2026



REACH FOR THE STARS!

AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER

PROGRAM NUMBER	AGRITECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8106800 ✪	8106810H	Agriscience Foundations 1 HONORS	EQ	Ag. Associate
	8106820	Agritechnology 1	VO	
	8106830	Agritechnology 2	VO	Agricultural Technician

*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	
<p>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.</p>			

8106820	AGRITECHNOLOGY 1		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations 1	
	Type of Credit:	VO	
<p>This course is designed to develop competencies in the areas of Agriscience industry careers; prevention and treatment of livestock diseases; livestock anatomy; wholesale cuts of meat; animal reproduction and identification; animal safety; animal-health certification; plant growth; plant fertilization; safe use of pesticides; maintenance of tools and equipment; record keeping; and employability skills.</p>			

8106830	AGRITECHNOLOGY 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agritechnology 1	
	Type of Credit:	VO	
<p>This course is designed to develop competencies in the areas of job and training requirements; professional organizations; crop identification; planting crops; fertilizer calculations and application; irrigation; pest control; harvesting, packing, and grading crops, safe equipment operation; and finance.</p>			

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	AEST Animal Science
	8106220	Animal Science and Services 3	VO	
	8117010	Agricultural Communications 2	PA	

*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	
<p>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.</p>			

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	
<p>This course is designed to develop competencies in the areas of safety; animal behavior; animal welfare; animal control; and employability skills.</p>			

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	
<p>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.</p>			

8117010	Agricultural Communications 2		Career Prep
	Offered:	10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Agriscience Foundations	
	Type of Credit:	Practical Arts	
<p>Agricultural Communications is a course that focuses on identifying current issues affecting the agricultural industry using print, digital and online media and mass communication for agriculture and natural resources, including web, social media, and email marketing. Practical application of theory and skills.</p>			

HVAC CLUSTER

PROGRAM NUMBER	** AIR CONDITIONING, REFRIGERATION AND HEATING (HVAC) TECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8723000 ☼	8713010	Air Conditioning, Refrigeration & Heating Technology 1	CT	HVAC Electrical
	8713020	Air Conditioning, Refrigeration & Heating Technology 2	CT	HVAC A/C
	8713030	Air Conditioning, Refrigeration & Heating Technology 3	CT	HVAC Heat Pump
	8713040	Air Conditioning, Refrigeration & Heating Technology 4	CT	NCCER HVAC Tech. 2

*EQ = Equally Rigorous Science Course; CT = Meets CTE/Arts Grad Requirement

**This program is only being offered at Pine Ridge High School. Please do not add this program to a school's offerings. Contact the CTE Department if you have questions.

8713010	AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	CT	

This course provides students with competencies in the following topics essential to the air-conditioning, refrigeration and heating industry: safety practices; employability skills; materials and tools; mathematics; and construction documents.

8713020	AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Air Conditioning, Refrigeration & Heating Technology 1	
	Type of Credit:	CT	

This course provides students with competencies in the following topics essential to the air-conditioning, refrigeration and heating industry: matter and heat behavior; history; basic electricity; electrical wiring; mechanical refrigeration; mechanical heating and air-conditioning systems; combustion-type heating; and troubleshooting.

8713030	AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY 3		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Air Conditioning, Refrigeration & Heating Technology 2	
		CT	

This course provides students with competencies in the following topics essential to the air-conditioning, refrigeration and heating industry: electrical control systems and components; electrical generation and distribution components; fluids, pressures, refrigerants and codes; system components and accessories; piping, tubing and fittings; electrical motors; indoor-air quality; chilled systems; and career planning.

8713040	AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY 4		Career Prep
	Offered: Credit:	Grade 11, 12	
	Length:	1.0	
	Prerequisite:	Year	
	Type of Credit:	Air Conditioning, Refrigeration & Heating Technology 3 CT	
<p>This course provides students with competencies in the following topics essential to the air-conditioning, refrigeration and heating industry: mechanical components; solid-state electronics; design of heating and cooling systems; and refrigerant cycles.</p>			

ARTS, A/V TECHNOLOGY AND COMMUNICATION CLUSTER

PROGRAM NUMBER	**DIGITAL DESIGN		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8209600 ✪	8209510H	Digital Design HONORS 1	PA	Adobe Visual Design Bundle
	8209520H	Digital Design HONORS 2	PA	
	8209530H	Digital Design HONORS 3	PA	
*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective				
**THE <u>DIGITAL DESIGN PROGRAM (8209600)</u> REPLACES THE PROGRAM DIGITAL MEDIA/MULTIMEDIA DESIGN (8201200).				

8209510H	DIGITAL DESIGN 1 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Information Technology	
	Type of Credit:	PA	

This course is designed to develop the entry-level skills required for careers in digital design. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem-solving.

8209520H	DIGITAL DESIGN 2 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Design 1 Honors	
	Type of Credit:	PA	

This course continues the development of entry-level skills required for careers in digital design. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem solving.

8209530H	DIGITAL DESIGN 3 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Digital Design 2 Honors	
	Type of Credit:	PA	

This course continues the development of industry-standard skills required for careers in digital design. The content includes the use of software and equipment to perform digital publishing and digital imaging activities. Students continue to learn about communication, collaboration and decision-making activities, critical thinking and problem solving.

EDUCATION AND TRAINING CLUSTER

PROGRAM NUMBER	EARLY CHILDHOOD EDUCATION		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8405100 ✪	8405110	Early Childhood Education 1	VO	
	8405120	Early Childhood Education 2	VO	
	8405130H	Early Childhood Education 3 HONORS	PA	
	8405140H	Early Childhood Education 4 HONORS	VO	CDA

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

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

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	
<p>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.</p>			

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	
<p>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.</p>			

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	
<p>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.</p>			

8500100	EDUCATION & TRAINING		
	DIRECTED STUDY		
	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>			

FINANCE CLUSTER

PROGRAM NUMBER	FINANCE		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8815100 ☼	8815150	Business Communication & Technology	PA	MTA - HTML & CSS
	8203310	Accounting Applications 1	VO	QuickBooks
	8203310H	Accounting Applications 1 HONORS		
	8815110	Economics & Financial Services	VO	Entrepreneurship & Small Business
	8815110H	Economics & Financial Services HONORS		
	8815130	Financial Internship	VO	
8815120	Personal Finance	VO		
8815120H	Personal Finance HONORS			
<p>*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective</p>				
8815150	BUSINESS COMMUNICATION & TECHNOLOGY			Career Prep
	Offered:	Grade 9, 10, 11, 12		
	Credit:	1.0		
	Length:	Year		
	Prerequisite:	None		
	Type of Credit:	PA		

This course is designed to provide an overview of current business, finance and information systems and trends and to introduce students to the foundations required for today's business environments. Emphasis is placed on developing proficiency with computer applications, so that they may be used as communication tools for enhancing personal and work place proficiency in an information-based society. This also includes proficiency with computers using databases, spreadsheets, presentation applications, financial and tax software applications and the integration of these programs using software that meets industry standards.

8500120	PERSONAL FINANCIAL LITERACY	
	Offered:	Grade 9-12
	Credit:	0.5
	Length:	Semester
	Prerequisite:	None
	Type of Credit:	Graduation Requirement
<p>The purpose of this course is to give students an overview of personal and family finance concepts including the American economic system, personal and family management of resources including income, money management, saving and investing, spending and credit, the role of financial institutions and the consumer, consumer information and taxation and financial planning.</p> <p>This content includes, but is not limited to, consumer rights and responsibilities, record-keeping, decision making and consumer choices, resource management, credit, taxation, wills, savings plans, investments, money management resources, insurance and contracts.</p>		

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
<i>*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective</i>				
<i>**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).</i>				

8417100	HEALTH SCIENCE ANATOMY & PHYSIOLOGY HONORS		Career Prep
	Offered:	Grade 9,10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	EQ	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Health Science Anatomy & Physiology, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

8417110H	HEALTH SCIENCE FOUNDATIONS HONORS		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	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.			

8417131	ALLIED HEALTH ASSISTING 3		Career Prep
	Offered:	Grade 11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Foundations	
	Type of Credit:	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.			

PROGRAM NUMBER	NURSING ASSISTANT		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
8417210 ☼	8417100H	**Health Science Anatomy & Physiology HONORS	EQ	
	8417110H	Health Science Foundations HONORS	VO	CMAA
	8417211H	Nursing Assistant 3 HONORS	VO	CNA
<i>*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective</i>				
<i>**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).</i>				

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.			

8417110H	HEALTH SCIENCE FOUNDATIONS HONORS		Career Prep
	Offered:	Grade 10,11,12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Anatomy & Physiology	
	Type of Credit:	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.			

8417211H	NURSING ASSISTANT 3 HONORS		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Health Science Foundations	
	Type of Credit:	VO	
This honors course offers extensive experience in Health Occupations. In addition to fulfilling all requirements of Nursing Assistant 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
8400410	8400410	Health Science Cooperative Education OJT
8400100	8400100	Health Science Directed Study
8400320	8400320	Medical Skills & Services

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

This course provides students with practical generic skills in health science education. The student will be able to describe services by provided by health occupations career clusters; demonstrate basic health skills, including first aid and CPR; understand responsible consumer decision making regarding health screening and health care management; discuss legal aspects for the health consumer; and identify the use of computers and technology in the health care field.

HOSPITALITY AND TOURISM CLUSTER

PROGRAM NUMBER	CULINARY ARTS		TYPE OF CREDIT*	INDUSTRY CREDENTIAL
	Course Number	Course Name		
8800500 ✪	8800510	Culinary Arts 1	VO	
	8800520	Culinary Arts 2	PA	Food Safety Manager
	8800530H	Culinary Arts 3 HONORS	PA	ServSafe

	8800540H	**TRACK 1: Culinary Arts 4 – <i>Culinary and Hospitality Management</i> HONORS	VO	
	8800550H	**TRACK 2: Culinary Arts 4 - <i>Advanced Baking Techniques</i> HONORS	VO	
	8800560H	**TRACK 3: Culinary Arts 4 - <i>Gastronomy and Garde Manger</i> HONORS	VO	

*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	
<p>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.</p>			

8800520	CULINARY ARTS 2		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Culinary Arts 1	
	Type of Credit:	PA	
<p>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.</p>			

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

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

INFORMATION TECHNOLOGY CLUSTER

PROGRAM NUMBER	APPLIED CYBERSECURITY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9001300 ✪	9001310	IT Fundamentals	VO	ITS Device Configuration
	9001320H	Computer & Network Security Fundamentals HONORS	VO	ITS Device Configuration
	9001330H	Cybersecurity Essentials HONORS	VO	ITS-Cybersecurity and Network
	9001340H	Operational Cybersecurity HONORS	VO	ITS-Cybersecurity and Network

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

9001310	IT FUNDAMENTALS		Career Prep	
	Offered:	Grade 9, 10, 11, 12		
	Credit:	1.0		
	Length:	Year		
	Prerequisite:	None		
	Type of Credit:	VO		
<p>This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks.</p>				

9001320H	COMPUTER AND NETWORK SECURITY FUNDAMENTALS HONORS		Career Prep	
	Offered:	Grade 9, 10, 11, 12		
	Credit:	1.0		
	Length:	Year		
	Prerequisite:	IT Fundamentals or Digital Information Technology		
	Type of Credit:	VO		
<p>This honors course offers extensive experience in Applied Cybersecurity. In addition to fulfilling all requirements of Computer and Network Security Fundamentals, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.</p>				

9001330H	CYBERSECURITY ESSENTIALS HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Computer & Network Security Fundamentals	
	Type of Credit:	VO	
This honors course offers extensive experience in Applied Cybersecurity. In addition to fulfilling all requirements of Cybersecurity Essentials, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			
9001340H	OPERATIONAL CYBERSECURITY HONORS		Career Prep
	Offered:	Grade 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Cybersecurity Essentials	
	Type of Credit:	VO	
This honors course offers extensive experience in Applied Cybersecurity. In addition to fulfilling all requirements of Operational Cybersecurity, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.			

MANUFACTURING CLUSTER

PROGRAM NUMBER	ADVANCED MANUFACTURING TECHNOLOGY		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9200200 ✪	9200210	Advanced Manufacturing Technology 1	VO	
	9200220H	Advanced Manufacturing Technology 2 HONORS	VO	AutoDesk - Inventor
	9200230H	Advanced Manufacturing Technology 3 HONORS	VO	
	9200240H	Advanced Manufacturing Technology 4 HONORS	VO	

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

9200210	ADVANCED MANUFACTURING TECHNOLOGY 1		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	None	
	Type of Credit:	VO	
<p>The course prepares students for entry into the advanced manufacturing industry. Content emphasizes beginning skills key to the success of working in the manufacturing industry. Students gain an understanding of technology and the concept of Design for Manufacturing, study workplace safety and workplace organization, workplace communication skills, and basic machine operation.</p>			

9200220	ADVANCED MANUFACTURING TECHNOLOGY 2 HONORS		Career Prep
	Offered:	Grade 9, 10, 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Advanced Manufacturing Technology 1	
	Type of Credit:	VO	
<p>This honors course offers extensive experience in Communications. In addition to fulfilling all requirements of Advanced Manufacturing 2, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.</p>			

9200230H	ADVANCED MANUFACTURING TECHNOLOGY 3 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Advanced Manufacturing Technology 2	
	Type of Credit:	VO	
<p>This honors course offers extensive experience in Communications. In addition to fulfilling all requirements of Advanced Manufacturing 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.</p>			

9200240H	ADVANCED MANUFACTURING TECHNOLOGY 4 HONORS		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Advanced Manufacturing Technology 3	
	Type of Credit:	VO	
<p>This honors course offers extensive experience in Communications. In addition to fulfilling all requirements of Advanced Manufacturing 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.</p>			

PROGRAM NUMBER	OTHER COURSES	
	Course Number	Course Name
9200420	9200420	Manufacturing Cooperative Education OJT
9201000	9201000	Manufacturing Directed Study

9201000	MANUFACTURING DIRECTED STUDY	
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 11, 12 Multiple Year Completion of a Manufacturing Career Prep Program VO
This course provides students with learning opportunities in a prescribed program of study within the Manufacturing cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Manufacturing career cluster.		

ADDITIONAL CTE PROGRAMS AND COURSES

PROGRAM NUMBER	** CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES		TYPE OF CREDIT*	INDUSTRY CERTIFICATION
	Course Number	Course Name		
9603100	9603110	Career Education Services for Students with Disabilities 1	VO	Varied <i>(Depends on Program)</i>
	9603120	Career Education Services for Students with Disabilities 2	VO	
	9603130	Career Education Services for Students with Disabilities 3	VO	
	9603140	Career Education Services for Students with Disabilities 4	VO	
<p>*EQ = Equally Rigorous Science Course; PA = Meets Arts Requirement; VO = CTE Elective **This program provides specialized career education for students with a disability who have an IEP or 504 plan.</p>				

9603110	CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES 1		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 9, 10, 11, 12 1.0 Year None VO	
This course is designed to develop realistic employment goals; to develop employability skills appropriate to the workplace, and to develop skills necessary to the chosen career path.			

9603120	CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES 2		Career Prep
	Offered: Credit: Length: Prerequisite: Type of Credit:	Grade 10, 11, 12 1.0 Year Career Education Services for Students with Disabilities 1 VO	
This course is designed to develop realistic employment goals; to develop employability skills appropriate to the workplace, and to develop skills necessary to the chosen career path.			

9603130	CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES 3		Career Prep
	Offered:	Grade 11, 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Career Education Services for Students with Disabilities 2	
	Type of Credit:	VO	
This course is designed to develop realistic employment goals; to develop employability skills appropriate to the workplace, and to develop skills necessary to the chosen career path.			

9603140	CAREER EDUCATION SERVICES FOR STUDENTS WITH DISABILITIES 4		Career Prep
	Offered:	Grade 12	
	Credit:	1.0	
	Length:	Year	
	Prerequisite:	Career Education Services for Students with Disabilities 3	
	Type of Credit:	VO	
This course is designed to develop realistic employment goals; to develop employability skills appropriate to the workplace, and to develop skills necessary to the chosen career path.			



CAMBRIDGE
International Examinations

Excellence in education

PINE RIDGE
HIGH SCHOOL
Programs of Study

2025 - 2026

PINE RIDGE HIGH SCHOOL CAMBRIDGE AICE AREAS

CAMBRIDGE PREAICE (IGCSE) COURSES

☆1001560	PRE-AICE ENGLISH LANGUAGE IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
Type of Credit:	English/Language Arts	

This course is designed for learners to develop the ability to communicate clearly, accurately and effectively in both speech and writing. They learn how to employ a wide-ranging vocabulary, use correct grammar, spelling and punctuation, and develop a personal style and an awareness of the audience being addressed. Learners will also read widely, both for their own enjoyment and to further their awareness of the ways in which English can be used. This course also develops more general analysis and communication skills such as synthesis, inference, and the ability to order facts and present opinions effectively.

☆0708532	PRE-AICE SPANISH 1 IGCSE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World Language

This course is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

☆0708534	PRE-AICE SPANISH 2 IGCSE	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Spanish 1 or equivalent course
	Type of Credit:	World Language

This course is a continuation of Pre-AICE Spanish 1 and is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

☆0708536	PRE-AICE SPANISH 3 IGCSE	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre-AICE Spanish 2 or equivalent course
	Type of Credit:	World Language

This course is a continuation of Pre-AICE Spanish 2 and is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learner's progress through their studies. The syllabus also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

☆2000322	PRE-AICE BIOLOGY IGCSE Level	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	none
Type of Credit:	Biology	

This course helps learners to understand the technological world in which they live and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of biology through a mix of theoretical and practical studies. They also develop an understanding of the scientific skills essential for further study at Cambridge International A Level, which are useful in everyday life. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities, and the environment. Students who are taking this course as their High School Biology credit will also sit for the Biology EOC. The Biology EOC has three Reporting Categories which include: Molecular and Cellular Biology (35%), Organisms, Populations and Ecosystems (40%), Classification, Heredity and Evolution of Living Organisms (40%). **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 BiologyEOC.**

☆2003372	PRE-AICE CHEMISTRY IGCSE	
	Offered:	Grade 10, 11
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or equivalent course
Type of Credit:	EQ Science, Physical	

This course enables learners to understand the technological world in which they live and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of Chemistry through a mix of theoretical and practical studies. They also develop an understanding of the scientific skills essential. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

☆2003432	PRE-AICE PHYSICS IGCSE	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or equivalent course
Type of Credit:	EQ Science, Physical	

This course enables learners to understand the technological world in which they live and take an informed interest in science and scientific developments. They learn about the basic principles of Physics through a mix of theoretical and practical studies. Learners also develop an understanding of the scientific skills essential for further study. As they progress, learners gain an understanding of how science is studied and practiced and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

CAMBRIDGE AICE GROUP 1 COURSES (SCIENCE)

☆2001381	CAMBRIDGE AICE ENVIRONMENTAL MANAGEMENT – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or Pre AICE Environmental or equivalent course
Type of Credit:	EQ Science	

Students will learn environmental issues and their management, especially the human aspect. Through their studies, learners gain an understanding of environmental resources and their human exploitation, and the goal of sustainable environmental management. Learners also consider a range of case study material which can feature local, regional or global examples. **Students will take the AS Level examination.**

☆2002515	CAMBRIDGE AICE MARINE SCIENCE 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or equivalent course
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.**

☆2002535	CAMBRIDGE AICE MARINE SCIENCE 2 – A LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Marine Science or equivalent course
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 A Level examination.**

☆2107360	CAMBRIDGE AICE PSYCHOLOGY 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	none
Type of Credit:	Elective	

In this course, students will develop their appreciation of the subject by exploring the ways in which psychology is conducted. As part of their studies, learners also review important research; this provides an insight into the ways in which psychology has been applied, thereby leading to a better understanding of key approaches, research methods and issues and debates. The course reflects four core areas of psychology, namely biological, cognitive, learning and social; it also relates psychology to abnormality, consumer behavior, health and organizations. **Students take the AS Level examination.**

CAMBRIDGE AICE GROUP 2 COURSES (LANGUAGES)

☆1001550	CAMBRIDGE AICE ENGLISH LANGUAGE – AS Level	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre Aice English Language or equivalent course
Type of Credit:	English/Language Arts	

Students will learn and study English language and its use in communication. Learners will be encouraged to respond critically to a wide variety of texts in a range of forms, styles, and contexts, and to promote skills of communication, reading, research and analysis. Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively, and effectively for different purposes and audiences. ***Students will take the AS Level examination.***

☆0708538	CAMBRIDGE AICE SPANISH LANGUAGE – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre Aice Spanish 2 or equivalent course
Type of Credit:	World Language	

Students will achieve greater fluency, accuracy, and confidence in the language as it is spoken and written form and improve their communication skills. They will learn how to improve their use of Spanish in a variety of situations, understanding how to read texts and other source materials, extract information, initiate conversations and respond to questions both orally and in writing. ***Students will take the AS Level examination***

CAMBRIDGE AICE GROUP 3 COURSES (ARTS & HUMANITIES)

☆1005370	CAMBRIDGE AICE ENGLISH LITERATURE 1 AS LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS English General Paper or equivalent course
Type of Credit:	English/Language Arts	

Learners will study a range of texts in the three main forms: prose, poetry and drama. Set texts are offered from a wide range of different periods and cultures. Learners will develop skills of reading and analysis of texts, and are encouraged to undertake wider reading to aid understanding of the texts studied. They will learn skills of effective and appropriate communication including the ability to discuss the critical context of texts. **Students will take the AS Level examination.**

☆1100460	CAMBRIDGE AICE MEDIA STUDIES AS LEVEL	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
Type of Credit:	Elective	

This course offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components - the Foundation Portfolio for AS Level and the Advanced Portfolio for A Level- they create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. **Students will take the AS Level examination.**

1100470	CAMBRIDGE Media Studies A Level	
	Offered:	Grade 11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Level Media Studies
Type of Credit:	Elective	

This course offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. Through the coursework components - the Foundation Portfolio for AS Level and the Advanced Portfolio for A Level- they create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve. **Students will take the A Level examination.**

☆2001381	CAMBRIDGE AICE ENVIRONMENTAL MANAGEMENT – AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Pre AICE Biology or Pre AICE Environmental or equivalent course
Type of Credit:	EQ Science	

Students will learn environmental issues and their management, especially the human aspect. Through their studies, learners gain an understanding of environmental resources and their human exploitation, and the goal of sustainable environmental management. Learners also consider a range of case study material which can feature local, regional or global examples. **Students will take the AS Level examination.**

2100490	Cambridge AICE International History 1 AS-Level	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	none
Type of Credit:	World History	

In this course, learners will modern history in the nineteenth and twentieth centuries. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. At AS learners can select from topics in International history. ***Students will take the AS Level – International History examination.***

☆ 2100500	CAMBRIDGE AICE U.S. HISTORY 1 – AS LEVEL	
	Offered:	Grade 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	U.S. History

In this course, learners will modern history in the nineteenth and twentieth centuries. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. At AS learners can select from topics in American history. ***Students will take the AS Level – American History examination.***

2109321	Pre-AICE World	
	Offered:	Grade 9,10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World History

In this course, learners will look at major international issues of the nineteenth and twentieth centuries, as well as covering the history of particular regions in more depth. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of the nature of cause and effect, continuity and change, similarity and difference and find out how to use and understand historical evidence as part of their studies. Cambridge IGCSE History will stimulate any learner already interested in the past, providing a basis for further study, and also encouraging a lifelong interest in the subject. Both coursework and non-coursework options are available.

☆📖109321	PRE-AICE WORLD HISTORY IGCSE	
	Offered:	Grade 9, 10
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
	Type of Credit:	World History

In this course, learners will look at major international issues of the nineteenth and twentieth centuries, as well as covering the history of particular regions in more depth. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of the nature of cause and effect, continuity and change, similarity and difference and find out how to use and understand historical evidence as part of their studies. Cambridge IGCSE History will stimulate any learner already interested in the past, providing a basis for further study, and encouraging a lifelong interest in the subject. Both coursework and non-coursework options are available.

☆0400346	CAMBRIDGE AICE DRAMA 1 – AS LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Arts/Fine Arts	

Cambridge International AS & A Level Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. They learn to communicate with an audience through practical and creative work on performance texts and their own devised material, both as individuals and in groups. Underpinned by theoretical and practical study, they learn to research, analyse, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama. Cambridge International AS & A Level Drama provides a foundation for the further study of drama or related courses in higher education. Students will submit coursework and sit for written portions to earn an exam score at the end of the course. At AS Level, students focus on three key areas: (1) the exploration, interpretation and analysis of the potential of dramatic texts in a performance context (2) the development of dramatic skills and their application to the process of devising based on a selected stimulus (3) the development of acting skills and their application to scripted performance. **Students take the AS Level examination.**

☆0400347	CAMBRIDGE AICE DRAMA 1 – A LEVEL	
	Offered:	Grade 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Drama and Teacher Recommendation
Type of Credit:	Performing Arts/Fine Arts	

Cambridge International AS & A Level Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. They learn to communicate with an audience through practical and creative work on performance texts and their own devised material, both as individuals and in groups. Underpinned by theoretical and practical study, they learn to research, analyse, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama. Cambridge International AS & A Level Drama provides a foundation for the further study of drama or related courses in higher education. Students will submit coursework and sit for written portions to earn an exam score at the end of the course. At A Level, students focus on three key areas: (1) theatre-making and performance through the process of devising and presenting a piece inspired by a selected practitioner or tradition or style (2) structuring individual performance work from materials on a chosen theme selected and linked by the student (3) exploration of and research into performance texts, practitioners, styles, and genres. ***Students take the A Level examination.***

☆2102410	CAMBRIDGE AICE TRAVEL AND TOURISM 1 – AS LEVEL	
	Offered:	Grade 9, 10, 11, 12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
Type of Credit:	Elective	

In this course, learners learn and appreciate the scale and importance of the travel and tourism industry in the world and recognize the positive and negative impacts the industry may have on people, environments and economies. Learners discover that the travel and tourism industry is dynamic in nature and how the industry responds to change: for example, external factors such as changing consumer needs and expectations, developments in ICT. The syllabus encourages learners to develop practical and technical skills relevant to the industry, enabling them to deal with a range of complex situations and problems. ***Students take the AS Level examination.***

CAMBRIDGE AICE CORE AND GROUP 4 COURSES

☆1700364	CAMBRIDGE AICE GLOBAL PERSPECTIVES – AS LEVEL	
	Offered:	Grade 10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
Type of Credit:	Elective	

Students will broaden their outlook through the critical analysis of - and reflection on - issues of global significance. The course is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. Collaborative skills are enhanced through participation in a team project. The skills gained through study of AS Global Perspectives and Research enable students to meet the demands of twenty-first century learning and to make a successful transition to study in higher education. As part of the course, learners write a research report on a research question of their own choice and a collaborative team project. **Students will take the AS Level examination.**

☆1700365	CAMBRIDGE AICE GLOBAL PERSPECTIVES A LEVEL	
	Offered:	Grade 11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	AS Global Perspectives
Type of Credit:	Elective	

Students will broaden their outlook through the critical analysis of - and reflection on - issues of global significance. The course is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. Collaborative skills are enhanced through participation in a team project. The skills gained through study of AS Global Perspectives and Research enable students to meet the demands of twenty-first century learning and to make a successful transition to study in higher education. As part of the course, learners write a research report on a research question of their own choice. **Students will take the A Level examination.**

☆1009400	CAMBRIDGE AICE ENGLISH GENERAL PAPER – AS Level	
	Offered:	Grade 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.**

☆1700372	CAMBRIDGE AICE THINKING SKILLS AS LEVEL	
	Offered:	Grade 9,10,11,12
	Credit:	1.0
	Length:	Year
	Prerequisite:	None
Type of Credit:	Elective	

Thinking Skills-AS Level develops a specific set of intellectual skills, independent of subject content, reflecting the need voiced by universities and employers for more mature and sophisticated ways of thinking. The Thinking Skills syllabus also enables students to approach their other subjects with an improved ability to understand, analyze and resolve problems. As a result, students will find the course of great benefit when preparing for higher education and for a wide range of careers, including law, scientific research, social science, journalism, medicine, business, accounting and engineering. The Thinking Skills syllabus encourages free and open debate, critical and investigative thinking, and informed and disciplined reasoning. **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.

ACADEMIC WEIGHTED COURSES

All honors courses, as designated by the Department of Education Course Code Directory, are weighted and receive an additional .5 quality point value (Q.P.V.).

The following list of Volusia County courses are also weighted with an additional .5 Q.P.V.:

0102320	Ceramic/Pottery 3 Honors	1302350	Band 6 Honors
0109310	Port Dev: Drawing Honors	1302400	Orchestra 5 Honors
0109320	Port. Dev: Two-Dimensional Design Honors	1302410	Orchestra 6 Honors
0109330	Port. Dev: Three-Dimensional Design Honors	1302490	Instrumental Ensemble 4 Honors
0300330	Dance Techniques 3 Honors	1302530	Jazz Ensemble 4 Honors
0300334	Dance Techniques 4 Honors	1303340	Chorus 5 Honors
0300390	Dance Choreography 2 Honors	1303350	Chorus 6 Honors
0400330	Theatre 3 Honors	1303470	Vocal Ensemble 4 Honors
0400340	Theatre 4 Honors	1800320H	Aerospace Science 3 Honors
0400440	Technical Theatre Design & Production 4 Honors	1800330H	Aerospace Science 4: Leadership Development Honors
0701340	French 3 Honors	1801320H	Leadership Education and Training 3 Honors
0701350	French 4 Honors	1801330H	Leadership Education and Training 4 Honors
0701360	French 5 Honors	2000320	Biology 1 Honors
0701370	French 6 Honors	2000330	Biology 2 Honors
0702340	German 3 Honors	2000360	Anatomy and Physiology Honors
0702350	German 4 Honors	2000440	Genetics Honors
0705340	Italian 3 Honors	2001320	Earth Space Science Honors
0705350	Italian 4 Honors	2002510	Marine Science 1 Honors
0705360	Italian 5 Honors	2002530	Marine Science 2 Honors
0706320	Latin 3 Honors	2003350	Chemistry 1 Honors
0706330	Latin 4 Honors	2003360	Chemistry 2 Honors
0707320	Russian 3 Honors	2003390	Physics 1 Honors
0708360	Spanish 3 Honors	2003410	Physics 2 Honors
0708370	Spanish 4 Honors	2020910	Astronomy Solar/Galactic Honors
0709320	Spanish For Spanish-Speakers 3 Honors	2100320	US History Honors
0711320	Chinese 3 Honors	2102345	Economics with Financial Literacy Honors
0712320	Japanese 3 Honors	2106320	US Govt. Honors
0800360	Health Explorations Honors	2109320	World History Honors
1001320	English Honors 1		
1001350	English Honors 2		
1001380	English Honors 3		
1001410	English Honors 4		
1009331	Creative Writing 3 Honors		
1200320	Algebra 1 Honors		
1200340	Algebra 2 Honors		
1202340	Pre-Calculus Honors		
1206320	Geometry Honors		
1210300	Probability & Statistics with Applications Honors		
1302340	Band 5 Honors		

Florida Department of Education Resources

Florida students entering grade nine may choose from one of four options to earn a standard diploma. They are:

- ⌚ A four-year, 24-credit program
- ⌚ An International Baccalaureate (IB) curriculum
- ⌚ An Advanced International Certificate of Education (AICE) curriculum
- ⌚ A three-year, 18-credit ACCEL Diploma
- ⌚ Career and Technical Education (CTE) Pathway

Florida's state graduation requirements, by cohort group, are outlined in the graduation charts found on the following website: [FL Department of Education Graduation Requirements by Cohort](#)

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 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.