

**Vision Statement**

*Through the individual commitment of all, our students will graduate with the knowledge, skills, and values necessary to be successful contributors to our democratic society.*

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# Honors and AP Course Expectations



## Characteristics of an Honors/AP Student:

- Motivated & dedicated to school work
- Committed to homework and additional reading and research
- Responsible: able to multitask, to prioritize activities, to meet deadlines
- Prepared and organized
- Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
- Attends school consistently and has limited tardies
- Willing to go above and beyond the minimum requirements
- Expresses an interest in and aptitude for the subject
- Demonstrates creativity and originality of thought
- Works independently and seeks help when needed

## Advantages of Honors/AP Courses for Students:

- Weighted GPA (extra .5 for Honors and 1.0 for AP)
- Build a strong foundation for college success
- Improve study habits and learn to meet college expectations before getting there
- Study in greater depth, breadth, and complexity
- Improve chances of attending college of choice with an impressive transcript
- Receive intellectual stimulation and challenge
- Interact with other motivated students
- Increase self confidence
- Broadened horizons

## Additional Advantages of AP Courses for Students:

- Receive college credit for introductory courses in various subject areas
- Skip introductory college courses
- Reduce college cost
- Complete college in a shorter period of time

**0104300/AQA****ADVANCED PLACEMENT STUDIO ART: DRAWING PORTFOLIO**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4), Strongly recommended 3 years of 2D Art Course Work (Drawing and Painting)
Type of Credit:	Performing Fine Arts

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

**0109360/AVH****ADVANCED PLACEMENT STUDIO ART: 3-D DESIGN PORTFOLIO**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4) Strongly recommended 3 years of 3D Art Course Work (Ceramics/Pottery)
Type of Credit:	Performing Fine Arts

The purpose of this Advanced Placement course is to give an art student the opportunity to develop quality, concentration and breadth in the three-dimensional (3-D) design portfolio. The content should include, but not be limited to, the experiences in the development of perceptual, conceptual and technical aspects of additive, subtractive, and/or fabrication process when creating sculptural or ceramic forms. Preparation of the appropriate number of works, digital documentation and upload to The College Board site for portfolio evaluation, and presentation techniques are required in each of three portfolio sections to be evaluated by The College Board. Research analysis, sketchbook/journal, and aesthetic and historical criticism are required for this in-depth study in non-linear thinking. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course.

**1001420/GNM****ADVANCED PLACEMENT LANGUAGE AND COMPOSITION**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	English Honors 2 or 3 and Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/ writing level 4),
Type of Credit:	English/Language Arts

The Advanced Placement course in English Language and Composition is a college-level study of language and writing. Students study rhetoric in a variety of genres to analyze how authors use language. The course emphasizes nonfiction and argumentative writing as preparation for taking the national Advanced Placement exam which many colleges use to award college credits. Mature writing skills are necessary for success in this course.

**1001430/GNN****ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	English Honors 3 and Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	English/Language Arts

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

**1202310/IOB****ADVANCED PLACEMENT CALCULUS AB**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Pre-calculus, Pass EOC, Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
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/IOC****ADVANCED PLACEMENT CALCULUS BC**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	AP Calculus AB or Pre-calculus, Pass EOC, Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/ writing level 4)
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 derivatives of algebraic, trigonometric, exponential and logarithmic functions. Calculators and computers will serve as instructional tools in concept development.

**1210320/IWD****ADVANCED PLACEMENT STATISTICS**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Algebra 2 or higher/ Pass EOC, Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4),
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.

**1300330/JMD****ADVANCED PLACEMENT MUSIC THEORY**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4),
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.

**2000340/MME****ADVANCED PLACEMENT BIOLOGY**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Biology 1 Honors, Chemistry and Algebra 2/ Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4) BIO EOC Passing grade 3 or higher
Type of Credit:	Science

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

**2001380/MNS****ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Biology 1 Honors and Chemistry/Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/ writing level 4)
Type of Credit:	Science

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

**2003420/MOM****ADVANCED PLACEMENT PHYSICS B**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Pre-Calculus, Bio EOC and Chemistry Physics 1 Honors is recommended Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Science

This college-level course in physics seeks to prepare students for credit and/or appropriate placement in college physics courses. Physics B provides instruction in each of the following five content areas: Newtonian mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. This course includes a laboratory component comparable to introductory college-level physics laboratories, with a minimum of 12 student-conducted laboratory investigations representing a variety of topics covered in this course.

**2103400/NRS****ADVANCED PLACEMENT HUMAN GEOGRAPHY**

Offered:	Grade 9, 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Adv. U.S. History (M/J) Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Elective

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

**2102360/NQH****ADVANCED PLACEMENT MICROECONOMICS****2102370/NQI****ADVANCED PLACEMENT MACROECONOMICS**

Offered:	Grade 12
Credit:	<b>1 Paired with NQI</b>
Length:	Semester
Prerequisite:	Honors or AP Social Studies Courses/Teacher Recommendation Proficient in reading and writing (minimum FCAT reading level 3/writing level 4) Recommended passing Alg2 with a B or higher
Type of Credit:	Meets Graduation Requirement for Economics

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

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



**2107350/NVC****ADVANCED PLACEMENT PSYCHOLOGY**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Psych 1 & 2/Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Elective

Advanced Placement courses require students to successfully perform college-level academic work, including many extensive reading and writing assignments. This course provides a systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists used in their science and practice. The content should include, but not be limited to the following: methods, biological basis of behavior, sensation and perception, stated on consciousness, learning cognition, motivation emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology.

**2106420/NUL****ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS**

Offered: Grade	12
Credit:	1
Length:	Year
Prerequisite:	Honors or AP Social Studies Courses/Teacher Recommendation Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Meets Graduation Requirement for U.S. Government

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

**2100330/NMD****ADVANCED PLACEMENT U.S. HISTORY**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Honors or AP Social Studies Courses/Teacher Recommendation Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Meets Graduation Requirement for U.S. History

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

**2109420/NYC****ADVANCED PLACEMENT WORLD HISTORY**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Honors or AP Social Studies Courses/Teacher Recommendation Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Meets Graduation Requirement for World History

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

## ENGLISH

1001310/GNB

ENGLISH 1

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

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

**1001320/GNC****ENGLISH HONORS 1**

Offered:	Grade 9
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	English/Language Arts

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade-level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively. **Special Note:** As students progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students' independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation. **Honors/Advanced:** The district shall develop a description of additional requirements and more rigorous expectations, along with a description of higher text complexity to be used for honors-level achievement and learning.

**1001340/GNE****ENGLISH 2**

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

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

**1001350/GNF****ENGLISH HONORS 2**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	English/Language Arts

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade-level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively. **Special Note:** As students progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students' independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation. **Honors/Advanced:** The district shall develop a description of additional requirements and more rigorous expectations, along with a description of higher text complexity to be used for honors-level achievement and learning.

**1001370/GNH****ENGLISH 3**

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

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

**1001380/GNI****ENGLISH HONORS 3**

Offered:	Grade 11
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	English/Language Arts

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade-level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively. **Special Note:** As students progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students' independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation. **Honors/Advanced:** The district shall develop a description of additional requirements and more rigorous expectations, along with a description of higher text complexity to be used for honors-level achievement and learning.

**1001405/GNO****ENGLISH 4: FLORIDA COLLEGE PREP**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	English 3/Results of the PERT Test
Type of Credit:	English/Language Arts

Students will incorporate reading and writing study through writing a variety of informative texts using grade-level writing craft and through the in-depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college courses. This course prepares students for successful completion of Florida college English courses. The benchmarks reflect the Florida Postsecondary Readiness Competencies necessary for entry-level college courses and are also related to the College and Career Readiness (CCR) anchor standards, the exit standards of Florida’s K -12 Common Core Standards.

The content should include, but not be limited to, the following: demonstrating successful reading of argument, including recognizing bias and supporting details; demonstrating successful reading of fact and opinion, including recognizing inferences and main ideas; demonstrating knowledge of a variety of organizational patterns and their relationships in the comprehension of text, including recognizing purpose and tone of informational reading; demonstrating successful understanding of vocabulary in context and through writing effective sentence structures; effectively implementing patterns of paragraph development; recognizing and solving common sentence development problems; reading and modeling mentor essays; and understanding and using language, grammar, and mechanics effectively.

**1001410/GNL****ENGLISH HONORS 4**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	English/Language Arts

Students will integrate language arts study in reading, writing, speaking, listening, language, and literature in preparation for college and career readiness. The content should include, but not be limited to, the following: constructing meaning and analyzing and evaluating the logic and rhetorical strategies used in a variety of grade-level print and digital informational texts; reading and analyzing grade-level print and digital literary texts that represent a variety of genres across cultures and historical periods; using recursive process writing strategies to craft various forms of writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; listening purposefully to a variety of speakers and messages in both formal and informal contexts; speaking with clarity for a variety of purposes, audiences, and contexts, including formal and informal modes of discourse; understanding and making effective language choices to successfully craft the meaning, style, and tone of oral and written communication at grade-level and/or higher complexity; acquiring an extensive vocabulary through reading, discussion, listening, and directed word study, as well as an understanding of the ways that historical events, culture, and setting influence language; employing a detailed inquiry-based research process, and selecting and using information and communication technologies (ICT) effectively. **Special Note:** As students progress from one grade-level course to the next, increases should occur in the complexity of materials and tasks and in the students’ independence in their application and use. Scaffolded learning opportunities are to be provided for students to develop and apply the critical skills of discourse analysis, synthesis, and evaluation. **Honors/Advanced:** The district shall develop a description of additional requirements and more rigorous expectations, along with a description of higher text complexity to be used for honors-level achievement and learning.

**1006300/GSA****JOURNALISM 1**

Offered:	Grade 9
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/GSB****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/GSC****JOURNALISM 3**

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

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

**1006330/GSD****JOURNALISM 4**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Journalism 3/Teacher Recommendation
Type of Credit:	Elective

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



**1006331/GSE****JOURNALISM 5 (YEARBOOK STAFF)**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Journalism 4/Teacher Recommendation Recommended student take <b>VOO</b> -Digital Design
Type of Credit:	Elective

The purpose of this course is to provide students with practical experiences in types of writing appropriate to publications, opportunities to explore careers in mass communications, and workshop experiences in journalistic productions.

## **ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)**

### **1002300/GPA**

### **ENGLISH 1 THROUGH ESOL**

Offered:	Grade 9
Credit:	1.0
Length:	Year
Prerequisite:	Limited English Proficiency
Type of Credit:	English

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, literature, communication, and informational literacy and to develop an awareness of cultural diversity to native speakers of a language other than English. The content should include, but not be limited to, the following: using reading strategies to construct meaning from informative, technical, and literary texts; acquiring and expanding an extensive vocabulary through reading, discussion, listening, and systematic word study; using process writing strategies (including analysis of sentence structure and practice in paragraph development) to produce an effective, precise, and aesthetically appropriate text, student inquiry, and self-monitoring techniques; using speaking, listening, and viewing strategies in formal presentations and informal discussions; understanding and responding to a variety of literary forms; understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers; applying ethical research processes in the gathering, processing, and presentation of information. Appropriate instructional strategies to meet the needs of the English language learner shall be provided.

### **1002310/GPB**

### **ENGLISH 2 THROUGH ESOL**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	Limited English Proficiency
Type of Credit:	English

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, literature, communication, and informational literacy and to develop an awareness of cultural diversity to native speakers of a language other than English. The content should include, but not be limited to, the following: using reading strategies to construct meaning from informative, technical, and literary texts; acquiring and expanding an extensive vocabulary through reading, discussion, listening, and systematic word study; analyzing and responding to a variety of literary forms; using writing strategies to produce an effective, precise, and aesthetically appropriate text and improve drafts through revisions; using speaking, listening, and viewing strategies in formal presentations and informal discussions to communicate information appropriate to the academic environment and the work place; understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers; applying ethical research processes in the gathering, processing, and presentation of information. Appropriate instructional strategies to meet the needs of the English language learner shall be provided.

**1002320/GPC****ENGLISH 3 THROUGH ESOL**

Offered:	Grade 11
Credit:	1.0
Length:	Year
Prerequisite:	Limited English Proficiency
Type of Credit:	English

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, literature, communication, and informational literacy and to develop an awareness of cultural diversity to native speakers of a language other than English. The content should include, but not be limited to, the following: using the reading process to construct meaning using technical, informative, and imaginative texts; becoming familiar with the works of well-known American authors (however, literature representative of other cultures may be used to support integrated studies and multicultural emphases); acquiring and expanding an extensive vocabulary through reading; using writing processes for various purposes with attention to style and format including analysis of sentence structure and practice in paragraph development; using the research process and individual inquiry to locate, analyze, and evaluate information; using effective listening, speaking, and viewing strategies in informal and formal situations appropriate to the academic environment and the work place; preparing and giving presentations for both academic and non-academic purposes; understanding culture as expressed in literature and language; critical thinking and study skills. Appropriate instructional strategies to meet the needs of the English language learner shall be provided.

**1002520/GPJ****ENGLISH 4 THROUGH ESOL**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Limited English Proficiency
Type of Credit:	English

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, literature, communication, and informational literacy to native speakers of a language other than English and to develop an awareness of cultural diversity to native speakers of a language other than English. The content should include, but not be limited to, the following: using the reading process to construct meaning using technical, informative, and imaginative texts; becoming familiar with the works of well-known British authors (however, literature representative of other cultures may be used to support integrated studies and multicultural emphases); demonstrating understanding of key elements of a variety of forms of literature by producing written and oral reports; understanding culture as expressed in literature; listening and speaking experiences relating to the reading and writing assignments; acquiring and expanding an extensive vocabulary through reading; using writing processes for various purposes with attention to style and format (including analysis of sentence structure and practice in paragraph development); writing coherent compositions with introductions, bodies, and conclusions; using appropriate transitions; using the research process and individual inquiry to locate, analyze, and evaluate information; using effective listening, speaking, and viewing strategies in informal and formal situations appropriate to the academic environment and the work place; demonstrating ability to take notes on content area subject matter; language critical thinking and study skills; Appropriate instructional strategies to meet the needs of the English language learner shall be provided.

**1002381/GPD****DEVELOPMENTAL LANGUAGE ARTS THROUGH ESOL - READING**

Offered:	Grade 9, 10, 11, 12
Credit:	2.0
Length:	Year
Prerequisite:	Limited English Proficiency/ Non-English Speakers (NES) or (BEG)/ Limited English Speakers (LES) or (LIN) per CELLA, FCAT Level 1
Type of Credit:	Reading

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of activities and content areas. The content should include, but not be limited to the following: vocabulary for formal and informal conversation; reading and writing skills; integrated communication skills for school and work; participation in communicative and reflective use of the English language in a wide range of activities; using reading and writing as communicative tools to reflect the connection between oral and written language; practice using skills and strategies in order to support the process of language acquisition and the learning of concepts; exposure to and practice in applying academic language; practice applying study skills and learning strategies in all subject areas to accomplish meaningful tasks. **THIS IS A 90 MINUTE COURSE.**

## READING

### **10004101/GMF1**

### **INTENSIVE READING**

Offered:	Grade 9, 10
Credit:	1.0
Length:	Year
Prerequisite:	Criteria Established By State Reading Plan
Type of Credit:	Elective

The purpose of this course is to provide instruction that enables students to develop and strengthen reading skills and develop independent reading endurance. The content should include, but not be limited to, the following: reading instruction in phonemic awareness, phonics (advanced phonics instruction that includes an explicit, systematic approach to orthography, structural analysis, and morphemic analysis), fluency, vocabulary and comprehension as necessary. The relative balance of instruction in these areas will be determined by screening, group diagnostic, progress monitoring and individual diagnostic measures of each student. Special Note. This course may be repeated by a student as needed; if repeated, the required level of student proficiency should increase.

### **10004102/GMF2**

### **INTENSIVE READING**

Offered:	Grade 9, 10
Credit:	2.0 (2 Period Course)
Length:	Year
Prerequisite:	Criteria Established By State Reading Plan
Type of Credit:	Elective

The purpose of this course is to provide instruction that enables students to develop and strengthen reading skills and develop independent reading endurance. The content should include, but not be limited to, the following: reading instruction in phonemic awareness, phonics (advanced phonics instruction that includes an explicit, systematic approach to orthography, structural analysis, and morphemic analysis), fluency, vocabulary and comprehension as necessary. The relative balance of instruction in these areas will be determined by screening, group diagnostic, progress monitoring and individual diagnostic measures of each student. Special Note. This course may be repeated by a student as needed; if repeated, the required level of student proficiency should increase.

### **10004103/GMF3**

### **INTENSIVE READING**

Offered:	Grade 11, 12
Credit:	1/2
Length:	1/2 year until FCAT Passed
Prerequisite:	Criteria Established By State Reading Plan
Type of Credit:	Elective

The purpose of this course is to provide instruction that enables students to develop and strengthen reading skills and develop independent reading endurance. The content should include, but not be limited to, the following: reading instruction in phonemic awareness, phonics (advanced phonics instruction that includes an explicit, systematic approach to orthography, structural analysis, and morphemic analysis), fluency, vocabulary and comprehension as necessary. The relative balance of instruction in these areas will be determined by screening, group diagnostic, progress monitoring and individual diagnostic measures of each student. Special Note. This course may be repeated by a student as needed; if repeated, the required level of student proficiency should increase.

## FOREIGN LANGUAGE

### **0702320/DOC**

### **GERMAN 1**

Offered:	Grade 9, 10, 11
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 also be included, as well as the fundamentals of grammar and culture.

### **0708340/DUE**

### **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.

### **0708350/DUF**

### **SPANISH 2**

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

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

### **0708360/DUG**

### **SPANISH 3**

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

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

**0708370/DUH****SPANISH 4**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Spanish 3
Type of Credit:	World Language

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

**0709300/DVA****SPANISH FOR SPANISH-SPEAKERS 1**

Offered:	Grade 9, 10, 11
Credit:	1.0
Length:	Year
Prerequisite:	Native speaker
Type of Credit:	World Language

The purpose of this course is to provide a review of fundamental grammar and culture for students who speak Spanish as a native language, focusing on oral and written communication free from English interference. The content will include the reinforcement of the students' ability to communicate ideas and feelings, both orally and in writing, the development of comprehension skills through the study of reading selections, cultures of different Spanish-speaking countries, and the recognition of the different levels of language usage including regional dialects.

**0709310/DVB****SPANISH FOR SPANISH-SPEAKERS 2**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Spanish Speak 1/Teacher Recommendation
Type of Credit:	World Language

The purpose of this course is to continue the development of oral communication skills by giving oral information, explanations, and messages both by composing originally in Spanish and through translations from English to Spanish. Writing skills include practice in describing; i.e. fictional characters, famous Hispanic personalities, facts, and situations.

**0709320/DVC****SPANISH FOR SPANISH-SPEAKERS 3**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Spanish Speak 2/Teacher Recommendation
Type of Credit:	World Language

This course is designed to further develop specialized usage of vocabulary, writing and interpretation skills, using selected literary works in prose and poetry. The skill of letter writing is practiced as well as preparation and discussion of a variety of media communication.

## MATHEMATICS

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

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### **1200370/IMJ**

### **ALGEBRA 1a**

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

This is the first year of a two-year Algebra 1 sequence. The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems using concrete models to explain algebraic concepts. The content will include: variables, properties of real numbers with emphasis on rational numbers; ratio and proportion; solving linear equations and systems; graphing relations and functions; coordinate geometry; inequalities; measurement; geometric relationships; set operations; dimensional analysis; and identifying patterns and making predictions. Manipulatives, calculators, and computers will serve as instructional tools in concept development. 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.

### **1200380/IMK**

### **ALGEBRA 1b**

Offered:	Grade 9, 10, 11
Credit:	1.0
Length:	Year
Prerequisite:	Algebra 1a
Type of Credit:	Math

This is the second year of a two-year Algebra 1 sequence. The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems using concrete models to explain algebraic concepts. The content will include: properties of real numbers including rational and irrational numbers; algebraic notation; scientific notation; polynomials; varied means for analyzing and expressing patterns, relations, and functions; linear and quadratic functions; coordinate geometry; geometric relationships; and data analysis concepts. Manipulatives, calculators, and computers will serve as instructional tools in concept development. This course is a study of the topics of Algebra 1 designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world mathematics problems. The content will include: functions, linear equations, inequalities, polynomials, rational numbers and equations, radicals, quadratics, and discrete mathematics with multiple representations. Calculators and computers will serve as instructional tools in concept development. **Students will be required to pass the state Algebra 1 End of Course Assessment to be awarded credit for the course.** Algebra 1b meets 1.0 credit for math graduation requirements, but only 0.5 credits for entrance into the state university system or Bright Futures Scholarship Program.



**1200310/IMB****ALGEBRA 1**

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

This course is a study of the topics of Algebra 1 designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world mathematics problems. The content will include: functions, linear equations, inequalities, polynomials, rational numbers and equations, radicals, quadratics, and discrete mathematics with multiple representations. Calculators and computers will serve as instructional tools in concept development. **For students entering 9<sup>th</sup> grade in 2010-2011 the state Algebra 1 End of Course Exam must count 30% of the final grade. Students entering 9<sup>th</sup> grade in 2011-2012 and after will be required to pass the state Algebra 1 End of Course Exam to be awarded credit for the course.**

**1208300/IUA****LIBERAL ARTS MATHEMATICS**

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

Liberal Arts Mathematics is a course designed to strengthen the mathematical skills required for college entrance exams or further study of advanced mathematics. The content will include operations of real numbers, ratio and proportion, area, volume, similarity, congruence, percents, the algebra of sets, integers, polynomials, factoring, algebraic expressions, equations and inequalities. Liberal Arts Mathematics does not meet the academic core in mathematics for entrance into the state university system or Bright Futures Scholarship Program.

**1200330/IMD****ALGEBRA 2**

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

This course is designed to continue the study of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. The content will include: structure and properties of the complex number system; sequences and series; relations; functions and graphs; varied solution strategies for linear equations, inequalities, and systems of equations and inequalities; quadratic, exponential, and logarithmic functions, and their applications; Calculators and computers will serve as instructional tools in concept development.

**1200340/IME****ALGEBRA 2 HONORS**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Algebra 1 or equivalent, Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Math

This course is a rigorous in-depth study of the topics of Algebra 2 with emphasis on theory, proof, and development of formulas, as well as their application. The content will include: structure and properties of the complex number system; sequences and series; relations; functions and graphs; varied solution strategies for linear equations, inequalities, and systems of equations and inequalities; conic sections and their applications; quadratic, exponential, and logarithmic functions; and the Binomial Theorem. Calculators and computers will serve as instructional tools in concept development.

**1206310/ISB****GEOMETRY**

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

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. The content will include Euclidean geometry of lines, planes, angles, triangles, construction and logic, and properties of circles, polygons, right triangle trigonometry, and reinforcement of algebraic concepts. Calculators and computers will serve as instructional tools in concept development. **For students entering 9<sup>th</sup> grade in 2011-2012 the state Geometry End of Course Exam must count 30% of the final grade. Students entering 9<sup>th</sup> grade in 2012-2013 and after will be required to pass the state Geometry End of Course Exam to be awarded credit for the course.**

**1206320/ISC****GEOMETRY HONORS**

Offered:	Grade 9, 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Algebra 1 or Equivalent, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Math

This course is designed to give a rigorous in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. The content will include the following: structure of geometry; separation properties; angle concepts; triangles, quadrilaterals; proofs, perpendicularity and parallelism in a plane and in space; similar polygons; circles and spheres; constructions; area and volume; coordinate geometry, and topology. Calculators and computers will serve as instructional tools in concept development. **For students entering 9<sup>th</sup> grade in 2011-2012 the state Geometry End of Course Exam must count 30% of the final grade. Students entering 9<sup>th</sup> grade in 2012-2013 and after will be required to pass the state Geometry End of Course Exam to be awarded credit for the course.**

**1200700/IND****MATH FOR COLLEGE READINESS**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Results of the PERT Test
Type of Credit:	Math

The purpose of this course is to enhance and continue the study of mathematics after Algebra 1, Algebra 2, and Geometry and to prepare students for college-level studies. The content will include graphing linear functions, quadratic functions, absolute value functions, radical functions and rational functions. Students will also be expected to solve equations containing these types of functions as well as performing operations on expressions and simplifying. Other topics will include inequalities, factoring polynomials, applied problems, and systems of equations. Students will participate in assessment for college readiness. Calculators and computers will serve as instructional tools in concept development.

**1201310/INB****ANALYSIS OF FUNCTIONS**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Semester/Year
Prerequisite:	Algebra 2 (Algebra 2 Honors)/Geometry (Geometry Honors), Pass EOC
Type of Credit:	Math

One semester of this course is designed to provide students with a complete study of circular and trigonometric functions and their applications. Problem solving is emphasized throughout. The content will include identities, graphs, inverses of circular functions, particular and general solutions of trigonometric equations, and solutions of right and oblique triangles. The other semester is designed to strengthen and extend the student's knowledge of functions and mathematical modeling. The content will include various data collection methods, analyzing data sets using statistical techniques, determining probabilities, and the study of function families. Calculators and computers will serve as instructional tools in concept development.

**1210300/IWA****PROBABILITY AND STATISTICS WITH APPLICATIONS**

Offered:	Grade 10, 11, 12
Credit:	0.5 or 1.0
Length:	Semester/Year
Prerequisite:	Algebra 2 (Algebra 2 Honors)/Geometry (Geometry Honors)
Type of Credit:	Math

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

**1202340/IOD****PRE-CALCULUS**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Algebra 2 (Algebra 2 Honors)/Geometry (Geometry Honors)
Type of Credit:	Math

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

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Algebra 2 (Algebra 2 Honors)/Geometry (Geometry Honors)
Type of Credit:	Math

The purpose of this course is to enhance and continue the study of mathematics after Algebra 1, Algebra 2, and Geometry, and to provide an understanding of financial applications, as well as provide additional tools to ready students for college-success. The content will include the following: explorations of functions, graphs (linear, exponential, and logarithmic), data analysis concepts and techniques, financial applications which include money and taxes, debt, budgeting, investments, mortgages, insurance, and financial planning. Calculators and computers will serve as instructional tools in concept development.

## SCIENCE

Students entering grade nine before 2012-2013 school year will be required to earn 3 science credits which include, one credit in Biology; one credit in Physical Science, Chemistry, or Physics; and one science elective prior to graduation. Students entering grade nine in 2013-2014 school year will be required to earn 3 science credits, which must include, 1 credit Biology, 1 credit Chemistry or Physics and 1 credit equally rigorous to Biology, Chemistry and Physics (ex: Earth Space Science/Physical Science). In addition, students who enter ninth grade in Fall of 2012 must pass the Biology EOC Exam in order to graduate high school. Students are strongly recommended, but not required, to take a fourth science.

### **2000310/MMB**

### **BIOLOGY 1**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	Science

This course provides students with exploratory activities, laboratory experiences and real-life applications in the biological sciences. The content includes the following concepts: nature of science, matter, energy, chemical processes of life, reproduction and communication of cells, basic study of genetics, organization, classification and taxonomy, structure, reproduction and function of plants, animals, and microorganisms, interdependence of living things, adaptations, and the impact of technology on society. Preserved animal studies may be a part of this course. All students are required to pass Biology 1. **For students entering 9th grade in 2011-2012, thirty percent of their final grade will be based on the state Biology 1 End of Course Exam. Students will be required to take the exam in order to be awarded credit. Students entering 9th grade after 2011-2012, will be required to earn a passing score on the state Biology 1 End of Course Exam in order to earn credit.**

### **2000320/MMC**

### **BIOLOGY 1 HONORS**

Offered:	Grade 9, 10
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Science

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. 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 **For students entering 9th grade in 2011-2012, thirty percent of their final grade will be based on the state Biology 1 End of Course Exam. Students will be required to take the exam in order to be awarded credit. Students entering 9th grade after 2011-2012, will be required to earn a passing score on the state Biology 1 End of Course Exam in order to earn credit.**

**2000350/MMF****ANATOMY AND PHYSIOLOGY**

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

This course provides exploratory activities in the structure and function of the human body. The content includes anatomical terminology, cells and tissues, special sensory organs, major body systems, homeostasis, and human disorders. Selected laboratory investigations include the use of the scientific process, measurement, laboratory apparatus, and safety. Preserved animal studies may be a part of the laboratory experience.

**2000360/MMG****ANATOMY AND PHYSIOLOGY HONORS**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Biology 1 or Biology 1 Honors, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Science

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

**2001340/MNE****ENVIRONMENTAL SCIENCE**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Biology 1
Type of Credit:	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.

**2001310/MNB****EARTH-SPACE SCIENCE**

Offered:	Grade 9
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	Science

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, land forms, 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.

**2003310/MOB****PHYSICAL SCIENCE**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Credit Retrieval ONLY
Type of Credit:	Science

The purpose of this course is to provide opportunities to study the concepts of basic chemistry, physics and earth science. The content will include, but is not limited to the following: the nature of science, structure of the atom, structure and properties of matter, chemical reactions, entropy and conservation of matter, interactions of energy and matter, the universe and planet Earth. Laboratory activities are an integral part of this course.

**2003340/MOE****CHEMISTRY 1**

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

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

**2003350/MOF****CHEMISTRY 1 HONORS**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	Algebra 1/Teacher Recommendation
Type of Credit:	Science

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

**2003360/MOG****CHEMISTRY 2**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Geometry 1/Chemistry 1/ or Chemistry 1 Honors
Type of Credit:	Science

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

**2003390/MOJ****PHYSICS 1 HONORS**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Algebra 2/Teacher Recommendation
Type of Credit:	Science

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



## SOCIAL STUDIES

**2102310/NNI**  
**2106310/NNN**

**ECONOMICS**  
**UNITED STATES GOVERNMENT**

Offered:	Grade 12
Credit:	1 (Paired with NNN)
Length:	Semester
Prerequisite:	None
Type of Credit:	Required for Graduation

**NNI** - This course will provide students with knowledge of the fundamentals of both macro and micro economics in order to promote economic and financial literacy. The content will include banking and monetary policy; role of government in regard to fiscal policies; supply and demand; scarcity; major economic theories; personal finance; the business cycle; and economic terminology and analytical tools.

**NNN** - 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.

**2102320/NNJ**  
**2106320/NNS**

**ECONOMICS HONORS**  
**UNITED STATES GOVERNMENT HONORS**

Offered:	Grade 12
Credit:	1 (Paired with NNS)
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Required for Graduation

**NNJ** - This course will provide students with knowledge of the fundamentals of both macro and micro economics in order to promote economic and financial literacy. The content will include banking and monetary policy; role of government in regard to fiscal policies; supply and demand; scarcity; major economic theories; personal finance; the business cycle; and economic terminology and analytical tools.

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).

**NNS** - 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).

**2107300/NVA**  
**2107310/NVB**

**PSYCHOLOGY 1**  
**PSYCHOLOGY 2**

Offered:	Grade 10, 11, 12
Credit:	1 (Paired with NVB)
Length:	Year
Prerequisite:	None
Type of Credit:	Elective

**NVA** - 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.

**NVB** - 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/NMB**

**UNITED STATES HISTORY**

Offered:	Grade 11
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	Required for Graduation

The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from the Civil War and Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction. For students entering 9th grade in 2012-2013, thirty percent of their final grade will be based on the state U.S. History End of Course Exam. Students will be required to take the exam in order to be awarded credit.

**2100320/NMC****UNITED STATES HISTORY HONORS**

Offered:	Grade 11
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Required for Graduation

The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from the Civil War and Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction. Honors courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g. Social Studies fair, projects for competitive evaluation, or other teacher-directed projects). **For students entering 9th grade in 2012-2013, thirty percent of their final grade will be based on the state U.S. History End of Course Exam. Students will be required to take the exam in order to be awarded credit.**

**2109310/NXB****WORLD HISTORY**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	Required for Graduation

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

**2109320/NXC****WORLD HISTORY HONORS**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation, Proficient in reading and writing (minimum FCAT reading level 3/writing level 4)
Type of Credit:	Required for Graduation

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

## ART

### **0104340/AQE**

### **DRAWING 1**

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

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

### **0104350/AQF**

### **DRAWING 2**

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

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

**0104360/AQG****DRAWING 3 HONORS  
NOW DESIGNATED HONORS**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Drawing 2/Teacher Recommendation
Type of Credit:	Performing Fine Arts

The purpose of this course is to demonstrate proficiency in the conceptual development of mark-making skills and to create self-directed or collaborative 2-D artwork suitable for personal exhibit and inclusion in a portfolio. Students maintain a journal/sketchbook and produce works that show evidence of craftsmanship, breadth, quality, aesthetic value, appropriation, expressive forms, and visual metaphor in the composition. Through a focused investigation of traditional and non-traditional techniques, historical and cultural models, and expressive personal goals, students begin to develop a personal art style. During the critique process, students evaluate and respond to their own work and the work of others in a written assessment. 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

**0102300/AOA****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) through the use of 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/AOB****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 through the use of nonobjective, abstract, or representational forms, products, or structures. Instructional focus should be on ceramics and/or pottery. Processes and techniques for substitution may include, but are not limited to, wheel-thrown clay, glaze formulation and application. Media may include, but are not limited to, clay and/or plaster with consideration of the workability, durability, cost, and toxicity of the media used. Ceramic and/or pottery artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities, journaling, and consumption of art materials.

**0102320/AOC****CERAMICS/POTTERY 3 HONORS  
NOW DESIGNATED HONORS**

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

Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Instruction may include content in ceramics, pottery, or other related media. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space. Other concepts for exploration include tension, compression or expansion, intrusions or extrusions, grouping, proximity, containment, closure, contradiction, and continuity. Ceramic and/or pottery artists experiment with processes, techniques, and media, which may include, but are not limited to, casting and kiln-firing techniques, and mold making. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. Participation in the Annual AP/Honors Art Exhibit, with artist statement, is an expectation of the course. This course incorporates hands-on activities, journaling, and consumption of art materials.



## DANCE

### **0300310/CNA**

### **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.

### **0300320/CNB**

### **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.

### **0300330/CNC**

### **DANCE TECHNIQUES 3**

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.

### **0300334/CRK**

### **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.

**0300400/CQA****DANCE REPERTORY 1**

Offered:	Grade 9
Credit:	1.0
Length:	Year
Prerequisite:	Members of school's performing dance group only
Type of Credit:	Performing Fine Arts

This is an advanced course in the areas of ballet, modern, lyrical, jazz, and tap dance. The content will include application of fundamental dance principles including barre, center floor, axial & locomotor techniques, and physiologically sound movement progressions. Acquisition of technique will include isolation and movement to syncopated rhythms, time steps, breaks and soft shoe. The history and terminology of these dance idioms will be taught.

**0300410/CQB****DANCE REPERTORY 2**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	Members of school's performing dance group only
Type of Credit:	Performing Fine Arts

This course will further improve the dance technique and skills of students in dance with concentrated instruction in intricate jazz, lyrical, modern, ballet and tap dance styles. The content will include transitional movements, lyrical, staccato, and vibratory qualities of movement, longer and more advanced movement combinations, center axial techniques, advanced locomotor techniques, and an emphasis on knowledge of the major styles, dancers, and choreographers of the 20th century.

**0300420/CQC****DANCE REPERTORY 3 HONORS**

Offered:	Grade 11
Credit:	1.0
Length:	Year
Prerequisite:	Member of school's performing dance group only
Type of Credit:	Performing Fine Arts

This course will provide dance students with opportunities for in-depth instruction and specialization in jazz, modern and tap dance; it will also provide students with opportunities for performance. The course will emphasize the studies of anatomy, physiology, and kinesiology as they apply to the dancer, dance injuries and prevention of injuries.

**0300430/CQD****DANCE REPERTORY 4 HONORS**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Dance Repertory 3 and Member of the school's performance dance group
Type of Credit:	Performing Fine Arts

This course will provide students with continued opportunities for instruction and mastery with modern, jazz, and tap dance. Students will choreograph and perform dance solos and dances as part of a group. The content will include improvisation, elements to critique and assess a performance, working knowledge of technical theater, makeup, and costuming.

**DRAMA/THEATRE****0400310/CRB****THEATRE 1**

Offered:	Grade 9, 10, 11
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.

**0400320/CRC****THEATRE 2**

Offered:	Grade 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.

**0400330/CRD****THEATRE 3 HONORS**

Offered:	Grade 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.

**0400340/CRE****THEATRE 4 HONORS**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation/Contract Required
Type of Credit:	Performing Fine Arts

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

**0400660/CVQ****THEATRE, CINEMA, AND FILM PRODUCTION**

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

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

## MUSIC

### **1301320/JOC**

### **GUITAR 1**

Offered:	Grade 9, 10, 11, 12
Credit:	1
Length:	Semester
Prerequisite:	None
Type of Credit:	Performing Fine Arts

**JOC** - 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.

### **1301330/JOD**

### **GUITAR 2**

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

The purpose of this course is to provide students with instruction in guitar using varied performance techniques. The content should include the development of music fundamentals, guitar performance techniques and interpretation of musical notation including chord symbols.

### **1301340/JOE**

### **GUITAR 3**

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

The purpose of this course is to provide student instruction in guitar using varied performance techniques. The content of the course should include the development of music fundamentals, a wide variety of guitar performance techniques and the interpretation of musical notation as well as tablature.

**1301350/JOF****GUITAR 4**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Guitar 3
Type of Credit:	Performing Fine Arts

The purpose of this course is to provide student instruction in guitar using varied performance techniques. The content of the course should include the development of music fundamentals, a wide variety of guitar performance techniques and the interpretation of musical notation as well as tablature. Students will also learn various improvisation techniques in a variety of musical styles.

**1301360/JPA****KEYBOARD 1**

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

The purpose of this course is to provide students with instruction in keyboard using varied performance techniques. The content shall include the development of music fundamentals, keyboard performance techniques and interpretation of musical notation including chord symbols

**1301370/JPB****KEYBOARD 2**

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

The purpose of this course is to provide students with instruction in varied performance techniques on the keyboard. The content shall include the development of music fundamentals, performance techniques and interpretation of musical notation.

**1301380/JPC****KEYBOARD 3**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Fine Arts

The purpose of this course is to provide students with instruction in the development of musicianship and technical skill through the study of varied keyboard literature. The content shall include instruction of students in the independent interpretation of medium-difficult level keyboard music, development of various stylistic performance techniques, and forms. Style and history are taught holistically.

**1302300/JQA****BAND 1**

Offered:	Grade 9
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Fine Arts

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

**1302310/JQB****BAND 2**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Fine Arts

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

**1302320/JQC****BAND 3**

Offered:	Grade 11
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Fine Arts

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

**1302330/JQD****BAND 4**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Audition
Type of Credit:	Performing Fine Arts

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

**1302390/JRD****ORCHESTRA 4**

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

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

**1302500/JUA****JAZZ ENSEMBLE 1**

Offered:	Grade 9
Credit:	1.0
Length:	Year
Prerequisite:	Teacher
Type of Credit:	Performing Fine Arts

The purpose of this course is to introduce students to jazz and popular music styles and interpretations. Emphasis is placed on characteristic tone production and idiomatic performance techniques. After school performances and rehearsal are a part of this course.

**1302510/JUB****JAZZ ENSEMBLE 2**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	Jazz Ensemble 1
Type of Credit:	Performing Fine Arts

The purpose of this course is to develop and extend students' understanding of jazz and popular music. Improvisation, tone production, and performance techniques are emphasized. After school rehearsal and performances are a part of this course.

**1302520/JUC****JAZZ ENSEMBLE 3**

Offered:	Grade 11
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Fine Arts

The purpose of this course is to develop the ability to apply the knowledge of styles and techniques of varied contemporary popular and jazz literature. The content shall include the study and performance of varied medium level popular and jazz idiomatic literature. Improvisation, characteristic tone, individual and ensemble performance techniques, and an appreciation of the history of jazz in the United States are emphasized and applied. After school rehearsal and performances are a part of this course.



**1302530/JUD****JAZZ ENSEMBLE 4 HONORS**

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

**1303300/JVA****CHORUS 1**

Offered:	Grade 9
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	Performing Fine Arts

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

**1303310/JVB****CHORUS 2**

Offered:	Grade 10
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Fine Arts

The purpose of this course is to extend experiences in basic vocal production techniques and part singing, choral performance techniques, vocal tone production, musical literacy and music listening shall be emphasized. After school rehearsals and performances are a part of this course.

**1303320/JVC****CHORUS 3**

Offered:	Grade 11
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Fine Art

The purpose of this course is to develop basic musicianship and technical skills. Interpretation of notation, holistic presentation of simple musical forms, style periods and aesthetic values shall be emphasized. After school rehearsal and performances are a part of this course.

**1303330/JVD****CHORUS 4**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation
Type of Credit:	Performing Fine Arts

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

**1305330/JYD****EURYTHMICS 4**

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

The purpose of this course is to provide students with opportunities for extended acquisition of knowledge and development of techniques in the art of performing various bodily movements in rhythm using musical accompaniment. The content will include the extended study of musical interpretation through movement. Acquisition of technique and choreography should be stressed with emphasis on individual creativity. After school rehearsals and performances are a part of this course.

## WAIVERS

### 1500410/KOL

### INTERSCHOLASTIC SPORTS 1

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 Personal Fitness Waiver is being used to satisfy the personal fitness and physical education requirements for graduation. This course denotes completion of one full season of an interscholastic sport (1 of 3 requirements for the waiver). The waiver applies to students who entered ninth grade in the 1999-2000 school year and after. **THIS COURSE CARRIES NO CREDIT.**

### 1500420/KOM

### INTERSCHOLASTIC SPORTS 2

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 Personal Fitness Waiver is being used to satisfy the personal fitness and physical education requirements for graduation. This course denotes completion of a second full season of an interscholastic sport (1 of 3 requirements for the waiver). The waiver applies to students who entered ninth grade in the 1999-2000 school year and after. **THIS COURSE CARRIES NO CREDIT.**

### 1500430/KON

### INTERSCHOLASTIC SPORTS 3

Offered:	Grade 10, 11, 12
Credit:	0
Length:	Semester
Prerequisite:	None
Type of Credit:	NOT FOR CREDIT

This course is used to denote that a Personal Fitness Waiver is being used to satisfy the personal fitness and physical education requirements for graduation. This course denotes a passing score on the Florida Competency Test on Personal Fitness and the completion of two full seasons of an interscholastic sport. The waiver applies to students who entered ninth grade in the 1999-2000 school year and after. **THIS COURSE CARRIES NO CREDIT.**

### 1500440/KOO

### 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/KOS****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/KOP****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.**

**1500460/KOQ****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/KOR****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.**

## **PHYSICAL EDUCATION**

### **1501300/KOA**

### **PERSONAL FITNESS**

Offered:	Grade 10, 11, 12
Credit:	0.5
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/KPA**

### **WEIGHT TRAINING 1**

### **1501350/KPB**

### **WEIGHT TRAINING 2**

Offered:	Grade 10
Credit:	<b>1 (Paired with KPB)</b>
Length:	Semester
Prerequisite:	None
Type of Credit:	Physical Education

**KPA** - 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.

**KPB** - 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/KPC**  
**1501310/KOB**

**WEIGHT TRAINING**  
**FITNESS LIFESTYLE DESIGN**

Offered:	Grade 11
Credit:	<b>1 (paired with KPC)</b>
Length:	Semester
Prerequisite:	None
Type of Credit:	Physical Education

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

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

**1501410/KPH**  
**1501320/KOC**

**POWER WEIGHT TRAINING**  
**FITNESS ISSUES FOR ADOLESCENCE**

Offered:	Grade 12
Credit:	<b>1 (Paired with KPH)</b>
Length:	Semester
Prerequisite:	Personal Fitness
Type of Credit:	Physical Education

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

**KPH** - 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.

**1502420/KTB****INDIVIDUAL AND DUAL SPORTS 2**

Offered:	Grade 10, 11,12
Credit:	0.5
Length:	Semester
Prerequisite:	None
Type of Credit:	Physical Education

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

**1502430/KTC****INDIVIDUAL AND DUAL SPORTS 3**

Offered:	Grade 10, 11,12
Credit:	0.5
Length:	Semester
Prerequisite:	None
Type of Credit:	Physical Education

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

**1502470/KUD****RECREATIONAL ACTIVITIES**

Offered:	Grade 9, 10, 11, 12
Credit:	0.5
Length:	Semester
Prerequisite:	None
Type of Credit:	Physical Education

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

**1502480/KUE****OUTDOOR EDUCATION**

Offered:	Grade 9, 10, 11, 12
Credit:	0.5
Length:	Semester
Prerequisite:	None
Type of Credit:	Physical Education

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

**1503310/KVB****BASKETBALL**

Offered:	Grade 9, 10, 11, 12
Credit:	0.5
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.

**1505500/KVE****VOLLEYBALL 1**

Offered:	Grade 9, 10, 11, 12
Credit:	0.5
Length:	Semester
Prerequisite:	None
Type of Credit:	Physical Education

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

**1505510/KWE****VOLLEYBALL 2**

Offered:	Grade 9, 10, 11, 12
Credit:	0.5
Length:	Semester
Prerequisite:	Volleyball 1/Teacher Recommendation
Type of Credit:	Physical Education

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



**1501300/KOA**  
**1503350/KWA**

**PERSONAL FITNESS**  
**TEAM SPORTS 1**

Offered:	Grade 9
Credit:	1 (Paired with <b>KWA</b> )
Length:	Semester
Prerequisite:	None
Type of Credit:	Physical Education

**KOA** - 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.

**KWA**- 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, flickerball, gatorball, speedball, field hockey and track and field. Special Note: Activities selected in Team Sports 1 may not be repeated in Team Sports 2.

**1503360/KWB**

**TEAM SPORTS 2**

Offered:	Grade 10, 11, 12
Credit:	0.5
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.

**0500500/CUO****S.S.T.E.P.S.**

Offered:	Grade 09
Credit:	1.0
Length:	Year
Prerequisite:	Recommendation, Test scores, Academic History
Type of Credit:	Elective

**SSTEPS is an academic intervention. Students placed into SSTEPS will remain for entire school year.**

The SSTEPS (**Student Success Through Effective Planning Skills**) class is a 9th grade transitions class that encourages a positive and successful academic experience in a student's 9th grade year. The curriculum for the SSTEPS course will focus on strategies designed to help ensure academic success in high school and beyond. Students will have Tuesday and Thursday of each week as a study hall period. Strategies taught in the SSTEPS class will include:

- |                          |                           |                             |
|--------------------------|---------------------------|-----------------------------|
| *study skills            | *critical thinking skills |                             |
| *organizational tools    | *vocabulary               | *responsibility             |
| *time management skills  | *note-taking skills       | *reading/writing strategies |
| *career/college research | *communication skills     |                             |

<b>PROGRAM NUMBER</b>	<b>ARMY - ROTC</b>	
	<b>Course Number</b>	<b>Course Name</b>
	1801300/LQA	♣Leadership Education & Training 1
	1801310/LQB	♣Leadership Education & Training 2
	1801320H/LQCH	Leadership Education & Training 3 HONORS
	1801330H/LQDH	Leadership Education & Training 4 HONORS

### **1801300/LQA**

### **♣ARMY - LEADERSHIP EDUCATION AND TRAINING 1**

Offered:	Grade 9, 10
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	Elective

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

### **1801310/LQB**

### **♣ARMY - LEADERSHIP EDUCATION AND TRAINING 2**

Offered:	Grade 10, 11
Credit:	1.0
Length:	Year
Prerequisite:	Leadership Education/Training 1/Teacher Recommendation
Type of Credit:	Elective, Physical Education (with waiver & Leadership 1), Fine Arts (with waiver & Leadership 1)

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

**1801320H/LQCH****ARMY - LEADERSHIP EDUCATION AND TRAINING 3 HONORS**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Leadership Education/Training 2/Teacher Recommendation/ Permission of Instructor/Contract Required
Type of Credit:	Elective

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

**1801330H/LQDH****ARMY - LEADERSHIP EDUCATION AND TRAINING 4 HONORS**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Leadership Education/Training 3/Teacher Recommendation/ Permission of Instructor/Contract Required
Type of Credit:	Elective

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

## STUDY HALL

**2200300/NZA**

**STUDY HALL 1**

Offered:	Grade 12
Credit:	0
Length:	Year
Prerequisite:	Application required, 2.50 GPA
Type of Credit:	None

THIS IS A NON-CREDIT COURSE

## TRAFFIC SAFETY/ DRIVER EDUCATION

**1900310/LTB**

**DRIVER EDUCATION/TRAFFIC SAFETY  
CLASSROOM AND LABORATORY**

Offered:	Grade 10, 11, 12
Credit:	0.5
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. This is an afterhour's course offered periodically throughout the year.**

## **Volusia Virtual School (VVS)**

**[www.volusiavirtual.org](http://www.volusiavirtual.org)**

Volusia Virtual School (VVS) is a fully accredited Volusia County program that expands the variety of online opportunities for Volusia County students in a virtual environment. This program meets the needs of students who learn productively in their own time, in their own space. Volusia Virtual School classes are included in a student's regularly scheduled school day. Students can work online anytime, anyplace. Virtual courses assist students in developing skills such as use of various technologies, time management, self-discipline, and problem solving. Virtual teachers are highly qualified, certified Volusia County School teachers. All course offerings are aligned to the Common Core and Florida standards, ensuring quality and rigor.

VVS is expanding to offer a variety of electives in addition to core academic classes that include honors and Advanced Placement offerings. Interested students should consult their counselor to review eligibility criteria and submit an online application during the enrollment period published on the website at [www.volusiavirtual.org](http://www.volusiavirtual.org). Come grow with us!

### **ENGLISH**

English 1 and Honors  
English 2 and Honors  
English 3 and Honors  
English 4 and Honors  
English for College Readiness

### **MATHEMATICS**

Algebra 1 and Honors  
Algebra 2 and Honors  
Geometry and Honors  
Liberal Arts Math  
Math for College Readiness  
Pre-Calculus  
Analysis of Functions

### **ELECTIVES...MORE COMING IN FALL OF 2013 (check out our website for new offerings!)**

AP Psychology  
Career Research & Decision Making  
Creative Writing  
Psychology 1 and 2  
Sociology  
World Cultural Geography  
Spanish 1 and 2  
Speech

### **SCIENCES**

Biology and Honors  
Physical Science  
Earth/Space Science and Honors  
Chemistry and Honors  
Physics 1 and Honors

### **SOCIAL STUDIES**

World History and Honors  
American History and Honors  
Economics and Honors  
American Government and Honors

### **PHYSICAL EDUCATION**

Personal Fitness

# EXCEPTIONAL STUDENT EDUCATION

## EXCEPTIONAL STUDENT EDUCATION

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## **EXCEPTIONAL STUDENT EDUCATION**

### **HIGH SCHOOL COURSES**

#### **MULTI-VE AND VE MODIFIED**

#### **ACADEMIC**

Access courses are intended only for students with a significant cognitive disability who meet the criteria for participation in the Florida Alternate Assessment. Access courses are designed to provide tiered access to the general curriculum through three levels of access points (Participatory, Supported, and Independent), which reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

#### **7910112/RMM**

#### **ACCESS ENGLISH 3/4**

Offered:	Grade 9, 10, 11, 12
Credit:	up to 2
Length:	Year
Prerequisite:	None
Type of Credit:	Language Arts

The content is intended to develop or expand the student's understanding of: The reading process; literary analysis; the writing process; Writing applications; Communication; Information and media literacy.

#### **7912070/ROD**

#### **ACCESS LIBERAL ARTS MATH**

Offered:	Grade 9, 10, 11, 12
Credit:	up to 2
Length:	Year
Prerequisite:	None
Type of Credit:	Math

The purpose of this course is to develop the algebraic and geometric 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, properties of size, shape, position, and space, varied solution strategies to solve real-world problems.

#### **7920025/RPC**

#### **ACCESS INTEGRATED SCIENCE**

Offered:	Grade 9, 10, 11, 12
Credit:	up to 2
Length:	Year
Prerequisite:	None
Type of Credit:	Science

The purpose of this course is to provide students with significant cognitive disabilities access to the concepts and content of integrated science. Understanding the characteristics of and dynamic relationship between energy, matter, life and the environment improves the ability to predict how we impact our surroundings and prepares us to respond to and interact with the forces and objects of nature. The content should include, but not be limited to: biological, physical, and chemical characteristics of matter, characteristics of energy transmission, practical application of electric and magnetic phenomena, interaction of matter and energy, characteristics of life, equilibrium of earth's biotic community.



**7921020/RQC****ACCESS ECONOMICS**

Offered:	Grade 9, 10, 11, 12
Credit:	up to 2
Length:	Year
Prerequisite:	None
Type of Credit:	Social Studies

Access Economics consists of the following content area strands: Economics and Geography. The content is intended to develop or expand the student's understanding of: Fundamental concepts of local, national, and international economies; Maps and other geographic representations, tools, and technology; Physical and cultural characteristics of places; Relationships between the Earth's ecosystems and the populations that dwell within them; Characteristics, distribution, and migration of human populations.

**SPECIAL SKILLS COURSES****7963010/RUA****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.

**Supported and Participatory Level**

**7963070/RUG****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.

Independent, Supported and Participatory Level

**7963140/RUN****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.

**Independent, Supported and Participatory Level**

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

**7980110/TNK****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.

**Independent, Supported and Participatory Level**

**7980120/TNR****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.

**Independent, Supported and Participatory Level**

# **SEPARATE CLASS- MILD/MODERATE VE**

## **ACADEMIC**

### **1000410/GMF**

### **INTENSIVE READING**

Offered:	Grade 9, 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Teacher Recommendation (IEP)
Type of Credit:	English

This course will provide intensive instruction and practice in reading skills for students two or more years below grade level in reading comprehension based on a standardized test, or for students who score at level one or two on the FCAT reading test. Content of the course will be based on a diagnosis of each student's needs for instruction and specified in the Individualize Education Plan (IEP). Students will be given opportunities to develop and apply reading, vocabulary, and writing skills through guided, shared and independent reading. Instruction in test taking skills, regarding performance tasks and comprehension strategies for reading content area texts will be emphasized.

### **1200400/IRS**

### **INTENSIVE MATHEMATICS**

Offered:	Grade 9, 10, 11, 12
Credit:	Multiple
Length:	Varies
Prerequisite:	None
Type of Credit:	Math

The purpose of this course is to reinforce problem solving communication and reasoning skills. This course is also designed to support the student's success in satisfying the high school math graduation requirements for **special** diploma. Students will have access to calculators and computers; classroom activities will be student centered and evaluation will include alternative methods of assessment. Each year there should be emphasis on basic math skills, consumer math skills or business math skills.

## **SPECIAL SKILLS COURSES**

### **7963140/RUN**

### **SELF-DETERMINATION: 9-12**

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

The purpose of this course is to enable students with disabilities to develop and apply self-determination skills in school, home, community, and work settings. These skills will assist students with achieving their desired school and post-school outcomes, participating actively and effectively in planning meetings and self-advocating in multiple settings. This entire course may not be mastered in one year.

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

### **7980110/TNK**

### **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/TNR**

### **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.

### **7980130/TNL**

### **CAREER PLACEMENT: 9-12**

Offered:	Grade 9, 10, 11, 12
Credit:	Multiple
Length:	Varies
Prerequisite:	Career Preparation/Career Education/Career Experiences/ Job Preparatory Education
Type of Credit:	Elective

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

## **THERAPY COURSES**

### **7966010/TMA**

### **PHYSICAL THERAPY: 9-12**

Offered:	Grade 9, 10, 11, 12
Credit:	Multiple
Length:	Varies
Prerequisite:	Per IEP Recommendation
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/TMB**

### **OCCUPATIONAL THERAPY: 9-12**

Offered:	Grade 9, 10, 11, 12
Credit:	Multiple
Length:	Varies
Prerequisite:	Per IEP Recommendation
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 in order to benefit from an educational program. The content should include, but not be limited to, the following: maintain, restore, or enhance motor and sensory skills; use adaptive equipment and assistive devices; and promote independence in activities of daily living. This entire course may not be mastered in one year.

**7966030/TMC****SPEECH THERAPY: 9-12**

Offered:	Grade 9, 10, 11, 12
Credit:	Multiple
Length:	Varies
Prerequisite:	Per IEP Recommendation
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/TMD****LANGUAGE THERAPY : 9-12**

Offered:	Grade 9, 10, 11, 12
Credit:	Multiple
Length:	Varies
Prerequisite:	Per IEP Recommendation
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.



<b><u>PROGRAM NUMBER</u></b>	<b>◆ PLANT BIOTECHNOLOGY</b>		<b><u>HS ARTS CREDIT</u></b>	<b><u>INDUSTRY CERTIFICATION</u></b>
	<b>Course Number</b>	<b>Course Name</b>		
<b>8106500</b> ✪	8106810/UWT	Agriscience Foundations 1*		
	8106850/UWH	Agricultural Biotechnology 2		
	8106510/UWI	Plant Biotechnology 3		Agricultural

*\*Since July 2001, Agriscience Foundations 1 counts as a science credit for graduation.*

### 8106810/UWT

### AGRISCIENCE FOUNDATIONS 1

### Career Prep

Offered:	Grade 9, 10, 11
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	Elective, Science

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; Agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in Agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment. **\$20 Lab Fee Required**

### 8106850/UWH

### AGRICULTURAL BIOTECHNOLOGY 2

### Career Prep

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Agriscience Foundations 1
Type of Credit:	Elective

This course was developed as a core and is designed to develop competencies in the areas of agricultural biotechnology in agriculture, scientific investigation, laboratory safety, scientific and technological concepts; and the fundamentals of biotechnology. **\$20 Lab Fee Required**

### 8106510/UWI

### PLANT BIOTECHNOLOGY 3

### Career Prep

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Agricultural Biotechnology 2
Type of Credit:	Elective

This course is designed to develop competencies in the areas of biotechnology in plant science, plant classification, media and nutrient requirements of plants, genetic principals of plant production, propagation, and plant pathogens. Activities include performing DNA extractions, running PCR's (polymerase chain reactions) and working with various plant tissue cultures to develop and exercise plant modifications. **\$20 Lab Fee Required**

#### ✪ GOLD SEAL PROGRAM

◆ *Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.*



## ARTS, AV, TECHNOLOGY, AND COMMUNICATION CLUSTER

<u>PROGRAM NUMBER</u>	<u>DIGITAL DESIGN</u>		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CREDENTIAL</u>
	<u>Course Number</u>	<u>Course Name</u>		
<b>8209600</b> ✪	8209510/VOO	Digital Design 1	✓	
	8209520/VOP	Digital Design 2	✓	Adobe Certified Expert ( <i>Photoshop, Illustrator, &amp;/or In Design</i> )
	8209530H/VOQH	Digital Design 3 HONORS	✓	
	8209540H/VORH	Digital Design 4 HONORS	✓	

### **8209510/VOO**

### **DIGITAL DESIGN 1**

### **Career Prep**

Offered:	Grade 9, 10, 11
Credit:	1.0
Length:	Year
Prerequisite:	none
Type of Credit:	Elective, Arts Elective

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing concepts and operations; layout, design, measurement activities; and digital imaging as well as communication, collaboration and decision-making activities; critical thinking; and problem solving. **\$15 Lab Fee Required**

### **8209520/VOP**

### **DIGITAL DESIGN 2**

### **Career Prep**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Digital Design 1
Type of Credit:	Elective, Arts Elective

This course continues the development of basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; and digital imaging as well as communication, collaboration and decision-making activities; critical thinking; and problem solving. **\$15 Lab Fee Required**

### **8209530H/VOQH**

### **DIGITAL DESIGN 3 HONORS**

### **Career Prep**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Digital Design 2/Permission of Instructor/Contract Required
Type of Credit:	Elective, Arts Elective

This honors course offers extensive experience in Digital Design. In addition to fulfilling all requirements of Digital Design 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$15 Lab Fee Required**

**8209540H/VORH****DIGITAL DESIGN 4 HONORS****Career Prep**

Offered: Grade 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Digital Design 3/Permission of Instructor/Contract Required  
 Type of Credit: Elective, Arts Elective

This honors course offers extensive experience in Digital Design. In addition to fulfilling all requirements of Digital Design 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$15 Lab Fee Required**

<u>PROGRAM NUMBER</u>	<b>DIGITAL VIDEO PRODUCTION</b>		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CERTIFICATION</u>
	Course Number	Course Name		
<b>8772400</b> ✪	8772410/VPS	Digital Video Production 1	✓	

**NEW PROGRAM:** *The Digital Video Production program will be phased in while the Television Production program phases out.*

**8772410/VPS****DIGITAL VIDEO PRODUCTION 1****Career Prep**

Offered: Grade 10, 11  
 Credit: 1.0  
 Length: Year  
 Prerequisite: None  
 Type of Credit: Elective, Arts Elective

The purpose of this program is to prepare students for initial employment as production assistants, audio/video equipment technician, video/TV camera operators, video editors, multi-media artists/animators and broadcast technicians. The content includes, but is not limited to, communication skills; leadership skills; human relations and employability skills; safe and efficient work practices; and preparation to assume responsibility for overall production of digital video activities including: scripts, lighting, camera operation, electronic news gathering, field/studio production, and video editing.

<u>PROGRAM NUMBER</u>	<b>TELEVISION PRODUCTION</b>		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CERTIFICATION</u>
	Course Number	Course Name		
<b>8772100</b> ✪	<del>8772110/XWJ</del>	<del>Television Production 1</del>		
	8772120/XWK	Television Production 2	✓	
	8772130/XWL	Television Production 3		Adobe Premiere
	8772140/XWM	Television Production 4		

**THE TELEVISION PRODUCTION PROGRAM IS BEING PHASED OUT.** *There should be no new enrollments in this program. Only enroll present program students into the Television Production 2-6 courses.*

*Television Production will be replaced with [Digital Video Production \(8772400\)](#).*

**8772120/XWK****TELEVISION PRODUCTION 2****Career Prep**

Offered: Grade 10, 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Television Production 1  
 Type of Credit: Elective, Arts Elective

This is a continuation of Television Production 1.

**8772130/XWL****TELEVISION PRODUCTION 3**

Career Prep

Offered: Grade 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Television Production 2  
 Type of Credit: Elective

This is a continuation of Television Production 1 and 2.

⚡ **GOLD SEAL PROGRAM**

◆ Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information

**8772140/XWM****TELEVISION PRODUCTION 4**

Career Prep

Offered: Grade 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Television Production 3  
 Type of Credit: Elective

This is a continuation of Basic Television Production 1, 2, and 3.

<u>PROGRAM NUMBER</u>	◆ *APPLIED ROBOTICS		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CERTIFICATION</u>
	Course Number	Course Name		
<b>9410100</b> ⚡	9410110/YTQ	Foundations of Robotics	TBD	
	9410120/YTR	Robotic Design Essentials	TBD	
	9410130/YTS	Robotic Systems	TBD	TBD
	9410130H/YTSH	Robotic Systems HONORS		
	9410140/YTT	Robotic Applications Capstone	TBD	
	9410140H/YTTH	Robotic Applications Capstone HONORS		

**\*NEW PROGRAM:** The Applied Robotics program was first offered in 2012-2013.

**9410110/YTQ****FOUNDATIONS OF ROBOTICS**

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

This course provides students with a foundation in content and skills associated with robotics and automation, including artificial intelligence, electronics, physics, and principles of engineering. **\$20 Lab Fee Required**

⚡ **GOLD SEAL PROGRAM**

◆ Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.

**9410120/YTR****ROBOTIC DESIGN ESSENTIALS**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Foundations of Robotics
Type of Credit:	Elective

This course provides students with content and skills essential to the design and operation of robotics, including artificial intelligence, sensors, electronic devices, engineering technologies, motion physics, electrical motors, programming, simulation and modeling, and critical thinking skills. **\$20 Lab Fee Required**

**9410130H/YTSH****ROBOTIC SYSTEMS HONORS**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Robotic Design Essentials Permission of Instructor/Contract Required
Type of Credit:	Elective

This course provides students with extended content and skills essential to the design and operation of robotic systems, including artificial intelligence, specialized sensors, electronic applications, engineering technologies, environmental physics, manufacturing, topographical considerations, programming, communications, simulation and modeling, and critical thinking skills. This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Robotic Systems, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$20 Lab Fee Required**

**9410140H/YTTH****ROBOTIC APPLICATIONS CAPSTONE HONORS**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	3 years of Robotics including Robotic Design Essentials Permission of Instructor/Contract Required
Type of Credit:	Elective

This course provides students with extended content and skills essential to the design and operation of autonomous robotic systems in the context of a capstone project. This honors course offers extensive experience in Engineering & Technology Education. In addition to fulfilling all requirements of Robotic Applications Capstone, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$20 Lab Fee Required**

PROGRAM NUMBER	◆ PATHWAYS TO ENGINEERING		HS ARTS	INDUSTRY
	Course Number	Course Name	CREDIT	CERTIFICATION
9400300 ✪	8600550/XDF	Intro to Engineering Design*	✓	
	8600520/XDC	Principles of Engineering*	✓	
	8600620/XTBH	Aerospace Engineering HONORS*	✓✓	

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

### 8600550/XDF

### INTRODUCTION TO ENGINEERING DESIGN (PLTW)

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

This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software. **\$20 Lab Fee required**

#### ✪ GOLD SEAL PROGRAM

◆ Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.

### 8600520/XDC

### PRINCIPLES OF ENGINEERING (PLTW)

Offered: Grade 9, 10, 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Introduction to Engineering Design  
 Type of Credit: Elective, Arts Elective

This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. **\$20 Lab Fee required**

### 8600620/XTB

### AEROSPACE ENGINEERING (PLTW) HONORS

Offered: Grade 10, 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Principles of Engineering  
 Type of Credit: Elective, Arts Elective

This honors course offers extensive experience in Engineering. In addition to fulfilling all requirements of Aerospace Engineering, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$20 Lab Fee required**

#### ✪ GOLD SEAL PROGRAM

◆ Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information

## FINANCE CLUSTER

<u>PROGRAM NUMBER</u>	<u>FINANCE</u>		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CREDENTIAL</u>
	<u>Course Number</u>	<u>Course Name</u>		
<b>8815100</b> ✪	8815150/YMN	Financial & Business Technology	✓	
	8203310/VMB	Accounting Applications 1		
	8815110H/YMJH	Financial Operations HONORS		

### **8815150/YMN**

### **FINANCIAL AND BUSINESS TECHNOLOGY**

### **Career Prep**

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

This course is designed to provide students with a basic knowledge of financial data processing including theory, flow charting, and terminology essential for careers in the financial industry. Course content includes hands-on data entry and microcomputer applications using commercially prepared software in the areas of text editing, database management, business records, bookkeeping, and electronic spreadsheets.

### **8203310/VMB**

### **ACCOUNTING APPLICATIONS 1**

### **Career Prep**

Offered: Grade 10, 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Financial & Business Technology  
 Type of Credit: Elective

This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers is required.

#### ✪ *GOLD SEAL PROGRAM*

◆ *Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.*

### **8815110H/YMJH**

### **FINANCIAL OPERATIONS HONORS**

### **Career Prep**

Offered: Grade 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Permission of Instructor/Contract Required  
 Type of Credit: Elective

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

### **8815120H/YMKH**

### **FINANCIAL PLANNING HONORS**

### **Career Prep**

Offered: Grade 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Financial Operations/Permission of Instructor/Contract Required  
 Type of Credit: Elective

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

<u>PROGRAM NUMBER</u>	<b>◆ BIOMEDICAL SCIENCES</b>		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CERTIFICATION</u>
	<u>Course Number</u>	<u>Course Name</u>		
<b>8708100</b> ✦	8708110/WOA	Principles of the Biomedical Sciences (PBS)		
	8708120/WOB	Human Body Systems (HBS)		
	8708130/WOC	Medical Interventions (MI)		
	8708140/WOD	Biomedical Innovation (BI)		

**8708110/WOA****PRINCIPLES OF THE BIOMEDICAL SCIENCES****Career Prep**

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

Students investigate the human body systems and various health conditions. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. Students are introduced to human physiology, medicine, research processes and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated. **\$20 lab fee required**

✦ *GOLD SEAL PROGRAM*

◆ *Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.*

**8708120/WOB****HUMAN BODY SYSTEMS****Career Prep**

Offered: Grade 10, 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Principles of Biomedical Sciences  
 Type of Credit: Elective

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries. **\$20 lab fee required**

**8708130/WOC****MEDICAL INTERVENTIONS****Career Prep**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Human Body Systems
Type of Credit:	Elective

Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a “How-To” manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. **\$20 lab fee required**

**8708140/WOD****BIOMEDICAL INNOVATION****Career Prep**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Medical Interventions
Type of Credit:	Elective

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. **\$20 lab fee required**

✿ **GOLD SEAL PROGRAM**

◆ *Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.*



## HOSPITALITY AND TOURISM CLUSTER

<u>PROGRAM NUMBER</u>	<u>CULINARY ARTS</u>		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CREDENTIAL</u>
	<u>Course Number</u>	<u>Course Name</u>		
<b>8800500</b> ✪	8800510/WSA	Culinary Arts 1		
	8800520/WSB	Culinary Arts 2	✓	
	8800530H/WSCH	Culinary Arts 3 HONORS	✓	FRA/ServSafe
	8800540H/WSDH	Culinary Arts 4 HONORS		

### **8800510/WSA**

### **CULINARY ARTS 1**

### **Career Prep**

Offered:	Grade 10, 11
Credit:	1.0
Length:	Year
Prerequisite:	None
Type of Credit:	Elective

The purpose of this course is 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. **\$25 Lab Fee Required per Semester.**

### **8800520/WSB**

### **CULINARY ARTS 2**

### **Career Prep**

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Culinary Arts 1
Type of Credit:	Elective, Arts Elective

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. **\$25 Lab Fee Required per Semester.**

#### ✪ *GOLD SEAL PROGRAM*

◆ *Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.*

**8800530H/WSCH****CULINARY ARTS 3 HONORS****Career Prep**

Offered:	Grade 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Culinary Arts 2/Permission of Instructor/Contract Required
Type of Credit:	Elective, Arts Elective

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. **\$25 Lab Fee Required per Semester.**

**8800540H/WSDH****CULINARY ARTS 4 HONORS****Career Prep**

Offered:	Grade 12
Credit:	1.0
Length:	Year
Prerequisite:	Culinary Arts 3/Permission of Instructor/Contract Required
Type of Credit:	Elective

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. **\$25 Lab Fee Required per Semester.**

✿ **GOLD SEAL PROGRAM**

◆ *Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.*

<u>PROGRAM</u> <u>NUMBER</u>	<b>GAME/SIMULATION/ANIMATION VISUAL DESIGN</b>		<u>HS ARTS</u> <u>CREDIT</u>	<u>INDUSTRY</u> <u>CERTIFICATION</u>
	Course Number	Course Name		
<b>8208100</b> ✦	8208110/VPE	Game and Simulation Foundations	✓	
	8208120/VPF	Game and Simulation Design	✓	
	8208130/VPGH	Game & Simulation 2D Graphic Development HONORS	✓	Adobe Certified Expert ( <i>Flash</i> )
	8208140/VPHH	Game & Simulation 3D Graphic Animation HONORS	✓	

### 8208110/VPE

### GAME AND SIMULATION FOUNDATIONS

### Career Prep

Offered:	Grade 9, 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Digital Design 6
Type of Credit:	Elective, Arts Elective

This course is designed to provide an introduction to game and simulation concepts and careers, the impact game and simulation has on society and industry, and basic game/simulation design concepts such as rule design, play mechanics, and media integration. This course compares and contrasts games and simulations, key development methodologies and tools, careers, and industry-related information. This course also covers strategies, processes, and methods for conceptualizing a game or simulation application, storyboarding techniques, and development tools. Hands-on activities using an entry-level game development tool will result in the creation of a playable game. **\$20 Lab Fee Required.**

#### ✦GOLD SEAL PROGRAM

◆ Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information.

### 8208120/VPF

### GAME AND SIMULATION DESIGN

### Career Prep

Offered:	Grade 10, 11, 12
Credit:	1.0
Length:	Year
Prerequisite:	Game and Simulation Foundations
Type of Credit:	Elective, Arts Elective

This course covers fundamental principles of designing a game or a simulation application, in particular Human Computer Interface (HCI) principles, rules and strategies of play, conditional branching, design and development constraints, use of sound and animation, design tools, and implementation issues. The content includes market research, product design documentation, storyboarding, proposal development, and presentation of a project report. Emphasis is placed on the techniques needed to develop well-documented, structured game or simulation programs. Extensive use is made of evaluating and analyzing existing games or simulations. Hands-on activities using an entry-level game development tool will result with the creation and presentation of a playable game with design documentation. **\$20 Lab Fee Required.**

**8208130/VPGH**

**GAME AND SIMULATION 2D GRAPHIC  
DEVELOPMENT HONORS**

**Career Prep**

Offered: Grade 11, 12  
Credit: 1.0  
Length: Year  
Prerequisite: Game and Simulation Design/Permission of Instructor/  
Contract Required  
Type of Credit: Elective, Arts Elective

This honors course offers extensive experience in Game & Simulation 2D Graphic Development. In addition to fulfilling all requirements of Game & Simulation 2D Graphic Development, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$20 Lab Fee Required.**

**8208140/VPHH**

**GAME AND SIMULATION 3D GRAPHIC  
ANIMATION HONORS**

**Career Prep**

Offered: Grade 12  
Credit: 1.0  
Length: Year  
Prerequisite: Game and Simulation 2D Graphic Development/  
Permission of Instructor/Contract Required  
Type of Credit: Elective, Arts Elective

This honors course offers extensive experience in Game & Simulation 3D Graphic Animation. In addition to fulfilling all requirements of Game & Simulation 3D Graphic Animation, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$20 Lab Fee Required.**

<u>PROGRAM</u> <u>NUMBER</u>	<b>WEB DEVELOPMENT</b>		<u>HS ARTS</u> <u>CREDIT</u>	<u>INDUSTRY</u> <u>CERTIFICATION</u>
	<u>Course Number</u>	<u>Course Name</u>		
	9001110/YTG	Foundations of Web Design	✓	
	9001120/YTH	User Interface Design	✓	

*\*NEW PROGRAM: The Web Development program replaces the Web Design program for 2012-2013.*

**9001110/YTG**

**FOUNDATIONS OF WEB DESIGN**

**Career Prep**

Offered: Grade 9, 10, 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: NONE  
 Type of Credit: Elective, Arts Elective

This course is designed to provide students with opportunities to acquire and apply foundational skills related to web design. **\$15 Lab Fee Required.**

**9001120/YTH**

**USER INTERFACE DESIGN**

**Career Prep**

Offered: Grade 10, 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Foundations of Web Design  
 Type of Credit: Elective

This course provides advanced concepts used in interface design. The content includes principles of Human Computer Interface (HCI), advanced page design using Cascading Style Sheets (CSS), advanced HTML commands, multimedia applications, Internet/Intranet tools, and website promotion. **\$15 Lab Fee Required.**

<u>PROGRAM</u> <u>NUMBER</u>	<b>WEB DESIGN</b>		<u>HS ARTS</u> <u>CREDIT</u>	<u>INDUSTRY</u> <u>CERTIFICATION</u>
	<u>Course Number</u>	<u>Course Name</u>		
<b>8207500</b> ✳	<del>8209020/VME</del>	<del>Computing for College &amp; Careers</del>		
	<del>9001110/YTG</del>	<del>Web Design 1</del>	✓	
	<del>8207120/VNQ</del>	<del>Web Design 2</del>	✓	
	<del>8207120H/VNQH</del>	<del>Web Design 2 HONORS</del>		
	8207130H/VNRH	Web Design 3 HONORS	✓	Adobe Certified Associate (Dreamweaver)
	8207140H/VNSH	Web Design 4 HONORS	✓	

*\*Daggered Program: The Web Design program is daggered for deletion. Only enroll current program students into Web Design 3 - 6 courses. New students in 2012-2013 should be enrolled in Web Development (9001100).*

**8207130H/VNRH**

**WEB DESIGN 3 HONORS**

**Career Prep**

Offered: Grade 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Web Design 2/Permission of Instructor/Contract Required  
 Type of Credit: Elective, Arts Elective

This honors course offers extensive experience in Web Design. In addition to fulfilling all requirements of Digital Design 3, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$15 Lab Fee Required.**

**8207140H/VNSH****WEB DESIGN 4 HONORS****Career Prep**

Offered: Grade 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: Web Design 3/Permission of Instructor/Contract Required  
 Type of Credit: Elective, Arts Elective

This honors course offers extensive experience in Web Design. In addition to fulfilling all requirements of Digital Design 4, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project. **\$15 Lab Fee Required.**

**MARKETING, SALES, AND SERVICES CLUSTER**

<u>PROGRAM NUMBER</u>	<b>MARKETING</b>		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CREDENTIAL</u>
	Course Number	Course Name		
<b>8827100</b> ✪	8827110/YOB	Marketing Essentials	✓	
	8827120/YOC	Marketing Applications	✓	
	8827130/YOH	Marketing Management	✓	N/A
	8827130H/YOHH	Marketing Management HONORS		

**8827110/YOB****MARKETING ESSENTIALS****Career Prep**

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

This course is designed to develop the competencies essential to marketing. These competencies include human relations, employability, communication, math, and economic skills. Course content also includes the fundamentals of marketing and promotion. **\$5 Lab Fee Required.**

<u>PROGRAM NUMBER</u>	<b>SPORT, RECREATION AND ENTERTAINMENT (SRE) MARKETING</b>		<u>HS ARTS CREDIT</u>	<u>INDUSTRY CREDENTIAL</u>
	Course Number	Course Name		
<b>8827400</b> ✪	8827420/YOQ	SRE Applications	✓	

**8827420/YOQ****SRE APPLICATIONS (Marketing)****Career Prep**

Offered: Grade 10, 11, 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: SRE Essentials  
 Type of Credit: Elective, Arts Elective

This course is designed to provide students with an in-depth study of sport, recreation, and entertainment marketing in a free enterprise society and provide the knowledge, skills, and attitudes required for employment in a wide variety of sport, recreation, and entertainment marketing occupations. **\$5 Lab Fee Required**

**✪ GOLD SEAL PROGRAM**

◆ Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information

## ADDITIONAL CTE PROGRAMS AND COURSES

PROGRAM NUMBER	DIVERSIFIED CAREER TECHNOLOGY (DCT)		HS ARTS CREDIT	INDUSTRY CREDENTIAL
	Course Number	Course Name		
<b>8303000</b> ⚙	8303010/VSB	DCT Principles		
	8300410/VSD	DCT OJT		
	8303020/VSC	DCT Applications		

➤ *Diversified Career Technology OJT does NOT count as a course in the Gold Seal Program. Students must take DCT Principles, Applications, and Management to earn Gold Seal status.*

**8303010/VSB** **DCT PRINCIPLES** **Career Prep**

Offered: Grade 11  
 Credit: 1.0  
 Length: Year  
 Prerequisite: None  
 Type of Credit: Elective

This course is designed to enable each student to demonstrate employability skills; environmental, health, and safety skills; professional, legal, and ethical responsibilities; financial skills; leadership skills; communication skills; human resources and labor skills; America’s economic principles; entrepreneurship principles; relate planning methods to life and career goals; and use of industry/technology principles in the workplace.

**8300410/VSD** **DCT OJT** **Career Prep**

Offered: Grade 11, 12  
 Credit: Multiple  
 Length: Year  
 Prerequisite: Enrollment in a DCT course  
 Type of Credit: Elective

This course is designed to enable each student to demonstrate competencies in a specific career and to demonstrate legal and ethical behavior within the role and scope of job responsibilities through a realistic, on-the-job training experience. An individualized training plan is developed and utilized to ensure that training is provided which will develop the necessary competencies/skills in order for the student to become competent in the occupation for which he/she is being trained.

**8303020/VSC** **DCT APPLICATIONS** **Career Prep**

Offered: Grade 12  
 Credit: 1.0  
 Length: Year  
 Prerequisite: DCT Principles  
 Type of Credit: Elective

This course is designed to enable each student to apply environmental, health, and safety skills; professional, legal, and ethical responsibilities; financial management skills; leadership skills; social, legal, and economic aspects of employment; international economic principles; components of a business plan; decision-making skills to life and career goals; technical skills; and the functions of management.

**⚙ GOLD SEAL PROGRAM**

◆ *Lead directly to science, technology, engineering, and mathematics (STEM) occupations as identified through national and state research and labor market information*

# **APPENDIX**

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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.:

0711320	Chinese 3	8121620H	Horticulture Science/Services 5 Honors
0701340	French 3	8121630H	Horticulture Science/Services 6 Honors
0701350	French 4	8206020H	Business Computer Programming 2 Honors
0701360	French 5	8206030H	Business Computer Programming 3 Honors
0701370	French 6	8206040H	Business Computer Programming 4 Honors
0702340	German 3	8206050H	Business Computer Programming 5 Honors
0702350	German 4	8206060H	Business Computer Programming 6 Honors
0702360	German 5	8206070H	Business Computer Programming 7 Honors
0702370	German 6	8207030H	Networking 2 Infrastructure Honors
0705340	Italian 3	8207040H	Networking 3 Infrastructure Honors
0705350	Italian 4	8207050H	Networking 4 Infrastructure Honors
0705360	Italian 5	8207060H	Networking 5 Infrastructure Honors
0712320	Japanese 3	8207070H	Networking 6 Infrastructure Honors
0706320	Latin 3	8207120H	Web Design 2 Honors
0706330	Latin 4	8207130H	Web Design 3 Honors
0706340	Latin 5	8207140H	Web Design 4 Honors
0707320	Russian 3	8207150H	Web Design 5 Honors
0707330	Russian 4	8207160H	Web Design 6 Honors
0708360	Spanish 3	8209520H	Digital Design 2 Honors
0708370	Spanish 4	8209530H	Digital Design 3 Honors
0708380	Spanish 5	8209540H	Digital Design 4 Honors
0708390	Spanish 6	8209550H	Digital Design 5 Honors
0709320	Spanish for Spanish Speakers 3	8209560H	Digital Design 6 Honors
0709330	Spanish for Spanish Speakers 4	8209570H	Digital Design 7 Honors
1202340	Pre-Calculus	8216110H	International Business Systems Honors
1202300	Calculus	8216120H	International Finance & Law Honors
1210300	Probability and Statistics with Applications	8417110H	Health Science 2 Honors
1201310	Analysis of Functions	8417131H	Allied Health 3 Honors
1700300H	Research and Inquiry Skills for Success in College	8417171H	First Responder 3 Honors
1700390	AVID 1	8503213H	Early Childhood 3 Honors
1700400	AVID 2	8503214H	Early Childhood 4 Honors
1700410	AVID 3	8600530H	Digital Electronics Honors
1700420	AVID 4	8600560H	Computer Integrated Manufacturing Honors
1800320H	Aerospace Science 3 Honors	8600590H	Civil Engineering & Architecture Honors
1800330H	Aerospace Science 4: Leadership Development Honors	8600620	Aerospace Engineering
1800350H	Aerospace Science 4: Policy, Organization & Principles of Management Honors	8600650H	Engineering Design & Development Honors
1800360	Aerospace Science 4 Honors	8600530H	Digital Electronics Honors
1801320H	Leadership Education and Training 3 Honors	8600830H	Drafting/Illustrative Design Technology 3 Honors
1801330H	Leadership Education and Training 4 Honors	8601030H	Communications Technology 3 Honors
2000330	Biology 2	8601740H	Production Technology 3 Honors
2003360	Chemistry 2	8601770H	Engineering Technology 3 Honors
2003410	Physics 2	8601780H	Aerospace Technologies 3 Honors
2000440	Genetics	8720330H	Building Construction 3 Honors
8106500	Plant Biotechnology 3	8720340H	Building Construction 4 Honors
8106830H	Agritechnology 2 Honors	8720350H	Building Construction 5 Honors
8111550H	Veterinary Assisting 3 Honors	8720360H	Building Construction 6 Honors
8113010H	Environmental Resources 3 Honors	8720370H	Building Construction 7 Honors
8113020H	Environmental Resources 4 Honors	8722130H	Carpentry & Cabinetmaking 3 Honors
8117020H	Ag Communications 3 Honors	8722140H	Carpentry 4 Honors
8121520H	Horticultural Science 3 Honors	8722150H	Carpentry 5 Honors
8121610H	Horticultural Science/Services 4 Honors	8722160H	Carpentry 6 Honors

8732130H Computer Systems Technology 3 Honors  
8772130H Television Production 3 Honors  
8772140H Television Production 4 Honors  
8772150H Television Production 5 Honors  
8772160H Television Production 6 Honors  
8800530H Culinary Arts 3 Honors  
8800540H Culinary Arts 4 Honors  
8806030H Fashion Marketing Management Honors  
8815110H Financial Operations Honors  
8815120H Financial Planning Honors  
8815130H Financial Internship Honors  
8827130H Marketing Management Honors  
8827430H Sport/Rec./Entertain. Marketing Management Honors  
8909030H Teaching Assisting 3 Honors  
8909040H Teaching Assisting 4 Honors  
8918030H Criminal Justice Operations 3 Honors

In addition, please remember:

Pre IB courses - .5 additional Q.P.V.  
AP and IB courses = 1.0 additional Q.P.V.

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

## **DIPLOMA GRADUATION REQUIREMENTS**

Charts for graduation requirements can be found in School Board policy 307  
Student Progression Plan at the following link:

<http://myvolusiaschools.org>

- Once the link is open click on the School Board Tab on the top.
- On the left you will see School Board Policies, click here and go to BoardDocs (in the middle section).
- Click on BoardDocs and you will see the Table of Contents.
- Click on School Board Policy 300, Instructional Policies.
- Scroll down and click on policy 307.
- You will find the link to the policy in the middle section. Click on the link.
- Graduation Charts are found in Section III, starting on page 5.

# Florida Department of Education Resources

## Resources

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Florida students entering grade nine may choose from one of five 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 college preparatory program
- A three-year, 18-credit career preparatory program.

Florida's state graduation requirements are outlined in the following charts:

- [Students Entering Ninth Grade - 2010-2011 School Year](#) (PDF, 60KB)
- [Students Entering Ninth Grade - 2011-2012 School Year](#) (PDF, 64KB)
- [Students Entering Ninth Grade - 2012-2013 School Year](#) (PDF, 118KB)
- [Students Entering Ninth Grade - 2013-2014 School Year](#) (PDF, 130KB)

**Effective for all students in the 2012-2013 school year and thereafter, if enrolled in U.S. History or U.S. History Honors the final course grade must include a minimum 30 percent of the U.S. History End-of-Course Assessment.**

Information related to statewide assessment requirements is available in [Graduation Requirements for Florida's Statewide Assessments](#) (PDF).

For more information on local public school district graduation programs, please contact the [school district](#).

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 in the following order, according to the student's needs and abilities:

- Standard Diploma
- Special Diploma, Option 1
- Special Diploma, Option 2.

Information related to special diploma options and the transition of a student with disabilities from school to adult life is available in [Transition Planning for Students with Disabilities: A Guide for Families](#).

**DECLARATION OF GRADUATION OPTION**

\_\_\_\_\_ *Student's Name*                      \_\_\_\_\_ *Alpha ID*                      \_\_\_\_\_ *School*

Declare my intent to graduate under the graduation option checked below. I understand that I must declare my graduation option by the end of my ninth grade year.

- Standard 24-credit option (Flag 36)
- 3-year 18-credit College Preparatory Option (Flag 31)
- 3-year 18-credit Career Preparatory Option (Flag 32)

\_\_\_\_\_ *Student's Signature*                      \_\_\_\_\_ *Date*

\_\_\_\_\_ *Parent's Signature*                      \_\_\_\_\_ *Date*

Graduation Option Flag \_\_\_\_\_ entered by \_\_\_\_\_  
Signature

\_\_\_\_\_ *Date*