

2019 – 2020

Grades 9 - 12
Curriculum Guide
&
Graduation Requirements

Boyd H. Anderson High School



Health/Wellness Magnet
Program



International Baccalaureate Magnet
Programme



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LANGUAGE ARTS

WRITING 1

1009300 **CREDIT: .5** **Grade: 9-10**

The purpose of this course is to enable students to develop and use grade level 9-10 writing and language skills in a variety of writing formats for argumentative, informative, and narrative purposes to ensure preparation for college and career readiness.

DEVELOPMENTAL LANGUAGE ARTS THROUGH ESOL I-II

10023810 **Credit: 1** **Grade: 9-10**

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 area. The content should include, but not be limited to, the following: vocabulary for formal and informal conversation; reading and writing skills and integrated communication skills for school and work.

PREREQUISITE: A1 and A2 Classification

ENGLISH I

10013100 **Credit: 1** **Grade: 9**

English I provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. It offers instruction in reading and vocabulary necessary for comprehension of printed materials; the writing of effective paragraphs and multi-paragraph papers, with emphasis upon all stages of the writing process in timed and un-timed assessments (prewriting, drafting, revising, editing, publishing); speech instruction, including formal and informal presentations; evaluation of mass media; the analysis of genres and the study of language in conjunction with writing, concentrating on elements of grammar, usage, and mechanics. Technology is incorporated into all aspects of this course.

PREREQUISITE: None SPECIAL NOTE: Meets graduation requirements for English NCAA

ENGLISH I HONORS

10013200 **Credit: 1** **Grade: 9**

English Honors I promote academic excellence in English Language Arts through enriched experiences in reading, writing, viewing, speaking, listening, language, and literature. This course provides instruction in critical analysis of major literary genres. Composition instruction focuses upon using the writing process in creative, technical, and traditional academic modes. All phases of the writing process (times and un-timed) are addressed: prewriting, drafting, revising, editing, and publishing. Formal speaking experiences are provided. Technology is incorporated into all aspects of the course.

PREREQUISITE: FSA Level 3 and above

SPECIAL NOTE: Meets graduation for English NCAA FCAT Level 2 & Teacher Recommendation & Department Approval

ENGLISH I THROUGH ESOL

10023000 **Credit: 1** **Grade: 9**

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. The

content should include, but not be limited to, the following: using reading strategies to construct meaning from informative, technical, and literary texts; acquiring an extensive vocabulary through reading, discussion, listening, and systematic words study; using process writing strategies, student inquiry and monitoring techniques; using speaking, listening, and viewing strategies in presentation and informal discussions; understanding and responding to a variety of literacy forms; and understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers.

SPECIAL NOTE: The course requirements are consistent with English I (10013100). The district shall provide appropriate instructional strategies to meet the need of ESOL students enrolled in this course. A1 and A2 Classification

CREATIVE WRITING

1009320 **Credit: .5** **Grade: 9-10**

The purpose of this course is to enable students to develop and use grade 9-10 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

MYP ENGLISH I

100188400 **Credit: 1** **Grade: 9**

The purpose of this IB MYP course is to prepare students for the International Baccalaureate Diploma Programme (DP). As such, this course will provide academic rigor and relevance through a comprehensive curriculum based on the Common Core Standards while integrating the unique facets of the IB curriculum. These facets include interrelatedness of subject areas, a holistic view of knowledge, intercultural awareness, embracing international issues, and communication as fundamental to learning. Instructional design must provide students with values and opportunities that enable them to develop respect for others and an appreciation of similarities and differences. Learning how to learn and how to critically evaluate information is as important as the content of the disciplines themselves.

PREREQUISITE: Accepted into the IB program. FCAT Level 3 or higher SPECIAL NOTE: This is an honors level course. Meets graduation requirements in English NCAA

MYP ENGLISH II

10018450 **Credit: 1** **Grade: 10**

The purpose of this IB MYP course is to prepare students for the International Baccalaureate Diploma Programme (DP). As such, this course will provide academic rigor and relevance through a comprehensive curriculum based on the Common Core Standards while integrating the unique facets of the IB curriculum. These facets include interrelatedness of subject areas, a holistic view of knowledge, intercultural awareness, embracing international issues, and communication as fundamental to learning. Instructional design must provide students with values and opportunities that enable them to develop respect for others and an appreciation of similarities and differences. Learning how to learn and how to critically evaluate information is as important as the content of the disciplines themselves.

PREREQUISITE: Accepted into the IB program. FCAT Level 3 or higher SPECIAL NOTE: This is an honors level course. Meets graduation requirements in English NCAA

ENGLISH II

10013400

Credit: 1

Grade: 10

English II provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. Content includes instruction in reading, literature and in vocabulary strategies necessary to comprehend printed materials; the writing of essays for various purposes and audiences, using literary and nonliterary subjects; un-timed and timed writings, utilizing all elements of the writing process where appropriate (prewriting, drafting, revising, editing, and publishing); emphasis of applicable research; analysis of selections found in world literature; study of grammar, mechanics, usage, and other conventions of standard written English in conjunction with writing; study of mass media, including analysis of propaganda and persuasion techniques; and instruction in speech, including analysis of effective techniques in oral presentations. Technology is incorporated into all aspects of this course.

PREREQUISITE: Completed or concurrent English I SPECIAL

NOTE: Meets graduation requirements for English NCAA

ENGLISH II HONORS

10013500

Credit: 1

Grade: 10

English Honors II promotes excellence in English language arts through the study of world literature and enriched experiences in composition, speech, research, viewing, observing, and listening skills. This course provides instruction in universal themes found in world literature, as well as the critical analysis of various genres in that literature. Composition instruction emphasizes the creative, technical, and traditional academic modes of writing through the writing process (prewriting, drafting, revising, editing, and publishing); frequent timed and un-timed practice is provided. The study of language includes usage, mechanics, and other conventions of standard written English as they relate to students' writing. Formal and informal speaking opportunities are provided. Vocabulary study is done in conjunction with reading and literature. Technology is incorporated into all aspects of the course.

PREREQUISITE: One English credit, FSA Level 3 and above, teacher recommendation, and school guidelines.

SPECIAL NOTE: Meets graduation requirements for English NCAA

ENGLISH II THROUGH ESOL

10023100

Credit: 1

Grade: 10

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. The content should include, but not be limited to, the following: using reading strategies to construct meaning from informative, technical, and literary texts; acquiring an extensive vocabulary through reading, discussion, listening, and systematic words study; using process writing strategies, student inquiry and monitoring techniques; using speaking, listening, and viewing strategies in presentation and informal discussions; understanding and responding to a variety of literacy forms; and understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers.

SPECIAL NOTE: The course requirements are consistent with English II (10013400). The district shall provide appropriate instructional strategies to meet the need of ESOL students enrolled in this course. A1 and A2 Classification

ENGLISH III

10013700

Credit: 1

Grade: 11

English III provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. Composition instruction includes frequent practice in writing various types of multi-paragraph papers, including documented papers/projects. Referencing and summarizing skills will be stressed as well as all phases of the writing process (prewriting, drafting, editing, revising, and publishing). This study will include the analysis of representative examples of American literary works in various genres, as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary, grammar, and usage are studied in conjunction with literature and writing. Listening, speaking, viewing, observing, researching, and writing assignments are related to the study of American literature when appropriate. Technology is incorporated into all aspects of the course.

PREREQUISITE: Completed or Concurrent English 2 SPECIAL

NOTE: Meets graduation requirements for English NCAA

ENGLISH III HONORS

10013800

Credit: 1

Grade: 11

This course promotes excellence in English through enriched experiences in reading, writing, speaking, viewing, listening, language, and literature. Instruction includes frequent practice in writing various types of multi-paragraph essays, including documented papers; written and oral analysis of American literature representing the ethnic and cultural diversity of the American experience; and analysis of American dialects reflected in the literature. Reference skills and methods of summarizing are taught in the production of documented papers/projects. All phases of the writing process are utilized where appropriate (prewriting, drafting, editing, revising, and publishing). Formal and informal speech experiences are provided. Technology is incorporated into all aspects of the course.

PREREQUISITE: Teacher Recommendation and Departmental Approval SPECIAL NOTE: Meets graduation requirements for English NCAA

IB ENGLISH III

10014300

Credit: 1

Grade: 11

This course prepares students for the advanced skills of literary analysis required by the International Baccalaureate diploma Programme. This course develops independent critical competency in the study of literature and fosters a high level of achievement in reading, writing, and speaking. The content should include in-depth study of literary works and authors selected from the International Language A. Students will prepare both written and oral analyses of literature as well as writings of a more general expository nature leading to the preparation of an extended essay. Students are expected to take the complete a World Literature paper on works that have been translated from other world languages to English, as well as complete an oral commentary, which are both requirements for completion of the second half of this course in the senior year of high school.

PREREQUISITE: Acceptance into the IB diploma program. Two English credits, FSA Level 3 and above. SPECIAL NOTE: This is a college-level course. Meets graduation requirements in English NCAA

ENGLISH IV

10014000

Credit: 1

Grade: 12

English IV provides instruction in the critical analysis of representative examples from British literature, as they reflect changes in the language and the development of the literary traditions of the English language. Writing experiences are structured to provide practice in real-life writing situations likely to be encountered beyond secondary school. Opportunity is provided to extend speaking, viewing, observing, researching, and listening skills. Content includes instruction in vocabulary strategies and reading necessary for comprehension of printed materials. Technology is incorporated into all aspects of the course

PREREQUISITE: Completed or concurrent English 3 SPECIAL

NOTE: Meets graduation requirements for English NCAA

ENGLISH IV HONORS

10014100

Credit 1

Grade: 12

English Honors IV promotes excellence in English Language Arts through enriched experiences in communication skills and instruction in the literature of Great Britain. Instruction will cover the written and oral analysis of major British literary works of various genres in relationship to cultural influences and to the development of the literary traditions of the English Language. Writing assignments will develop students' abilities to interpret literature and analyze it critically. All phases of the writing process will be utilized where appropriate (prewriting, drafting, revising, editing, and publishing). Students will also extend their speaking, researching, viewing, and listening skills. Language study should include vocabulary and grammar in the context of literature and writing, and an overview of the history of the language as reflected in literature. PREREQUISITE: Three English credits and FSA Level 3 and above. SPECIAL NOTES: Meets graduation requirements in English NCAA. Departmental Approval and Teacher Recommendation

IB ENGLISH IV

10018300

Credit: 1

Grade: 12

This course develops independent critical competency in the study of literature and fosters a high level of achievement in reading, writing, and speaking. The content should include in-depth study of literary works and authors selected from the International Baccalaureate list of prescribed texts and authors for Language A. Students will prepare both written and oral analyses of literature as well as writings of a more expository nature leading to the preparation of an extended essay. Individually guided course work is offered.

PREREQUISITE: Acceptance to the Program SPECIAL NOTE:

Meets graduation requirements for English NCAA

ENGLISH COMPOSITION DUAL ENROLLMENT

ENC 1101D/1102D

Credit: 1

Grade: 11-12

This is a college writing course in which students write a variety of essays such argumentative, reflective, and persuasive. Students will also write a research paper. Students will make reading and writing connections by making analytical written responses based on reading. They will be introduced to the MLA format which they will use for their essays and research paper. All essays must be typed and rough and final drafts submitted.

PREREQUISITE: Determined by College or University entrance requirements. Broward College-3.0 GPA and College ready scores in Reading, Math, and Writing. SPECIAL NOTE: Upon

successful completion of a C or better 3 college credits will be earned per semester.

MATHEMATICS

INTENSIVE MATH

12004000

Credit: 1

Grade: 9

This course is targeted for students who need additional instruction in content to prepare them for success in upper-level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Algebra, Geometry, Number and Quantity, and Statistics, and the Florida Standards for High School Modeling. The course also includes Financial Literacy Standards found in Social Studies. The financial literacy focus of this course provides a real-life framework to apply upper-level mathematics standards. In our consumer-based society, a mathematics course that addresses the results of financial decisions will result in more fiscally responsible citizens. This course will give students the opportunity to apply mathematics found in financial topics such as personal investments, retirement planning, credit card interest, and savings. The course would be a bridge to upper-level mathematics such as Algebra 2 and Mathematics for College Readiness. Please note that the financial literacy standards in this course are repeated in the required Economics course for graduation with a standard high school diploma.

PREREQUISITE: FSA Level 1 & 2

LIBERAL ARTS 1

1207300

Credit 1

Grade: 9

This is a course designed to develop the algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems. The content shall include, but not be limited to, structure and properties of the real number system, with an emphasis on rational numbers, variables and algebraic expressions, varied means for analyzing and expressing patterns, relations, and functions, including words, tables, graphs, geometric formulas, and linear equations and inequalities, solution strategies for simple linear equations and inequalities of one variable, relations expressed by ratio, rates, and proportion, coordinate geometry and graphing of linear equations and inequalities, varied solutions strategies for linear functions, data analysis concepts and techniques appropriate to identify patterns and make predictions, and algebraic notation using exponents, square roots, radicals, absolute value, and scientific notation

PREREQUISITE: FSA Level 1 & 2

ALGEBRA I

12003100

Credit 1

Grade: 9-12

Algebra I is a course designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. The content shall include, but not be limited to, structure and properties of the real number system, including rational and irrational numbers, exponents, square roots, radicals, absolute value, and scientific notation, varied means for analyzing, and expressing patterns, relations, and functions including words, tables, sequences, graphs, and

algebraic equations, variables, algebraic expressions, polynomials, and operations with polynomials, coordinate geometry and graphing equations and inequalities, data analysis concepts and techniques, including introductory statistics and probability and varied solutions strategies for inequalities, linear and quadratic equations, and for systems of equations.

PREREQUISITE: Teacher recommendation

SPECIAL NOTE: Earning credit in this course precludes the earning of credit in Algebra I Honors, Algebra IB, Integrated Mathematics II, and Applied Mathematics II. NCAA

ALGEBRA I HONORS

12003200 Credit: 1 Grade: 9-12

Algebra I Honors is a rigorous course designed to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. Topics shall include, but not be limited to, the following: structures and properties of the real number system including exponents, square roots, radicals, absolute value, and scientific notation; varied means of analyzing and expressing patterns, relations, and functions, including tables, sequences, graphing, and algebraic equations; variables, algebraic expressions, polynomials, and operations with polynomials; coordinate geometry and graphing of equations and inequalities; data analysis concepts and techniques including introductory statistics and probability; and varied solutions strategies for inequalities, linear and quadratic equations, and for systems of equations.

PREREQUISITE: Teacher recommendation

SPECIAL NOTE: Earning credit in this course precludes earning credit in Algebra I. This course satisfies the algebra graduation requirement. NCAA

GEOMETRY

12063100 Credit: 1 Grade: 10-12

Geometry is a course designed to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematics problems. The content will include, but not be limited to, the following: geometric constructions; terminology and fundamental properties of geometry; deductive and inductive reasoning and their application to formal and informal proof; formulas pertaining to the measurement of plane and solid figures; coordinate geometry and transformations on the coordinate plane; exploration of geometric relationships such as parallelism, perpendicularity, congruence and similarity; properties of circles, and right triangle trigonometry.

PREREQUISITE: Algebra I or Algebra I Honors and Teacher recommendation SPECIAL NOTE: Earning credit in this course precludes earning credit in Informal Geometry or Geometry Honors. NCAA

GEOMETRY HONORS

12063200 Credit: 1 Grade: 10-12

Geometry Honors is a rigorous course designed to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematics problems. The content shall include, but not be limited to, the following: geometric construction; terminology and fundamental properties of geometry; deductive and inductive reasoning and their application to formal and informal proof; formulas pertaining to the measurement of plane and solid figures; coordinate geometry and transformations on the coordinate plane; exploration of geometric relationships such as parallelism, perpendicularity,

congruence, and similarity; properties of circles; and right triangle trigonometry.

PREREQUISITE: Algebra I or Algebra I Honors and teacher recommendation SPECIAL NOTE: Earning credit in this course precludes earning credit in Informal Geometry or Geometry.

NCAA

ALGEBRA II

12003300 Credit: 1 Grade: 10-12

Algebra II is a course designed to continue the study of the structure of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. Topics shall include, but not be limited to, the following: structure and properties of the complex number system; arithmetic and geometric sequences and series; relations, function, and graphs extended to polynomial, exponential, and logarithmic functions; varied solution strategies for linear equations, inequalities, systems of equations and inequalities; varied solution strategies, including the quadratic formula, for quadratic equations, conic sections and their applications; data analysis, including measures of central tendency, and dispersion and probability, permutation, and combinations.

PREREQUISITE: Algebra I, Geometry, and teacher recommendation SPECIAL NOTE: Earning of credit in this course precludes the earning of credit in Algebra II Honors. NCAA

ALGEBRA II HONORS

12003400 Credit: 1 Grade: 10-12

Algebra II Honors is a rigorous course designed to continue the study of the structure of algebra and to provide the foundation for applying these skills to other mathematical and scientific fields. Topics shall include, but not be limited to, structure and properties of the complex number system, arithmetic and geometric sequences and series, relations, functions, and graphs extended to polynomial, exponential, and logarithmic functions, varied solution strategies for linear equations, inequalities, and systems of equations and inequalities, varied solutions strategies, including the quadratic equations, conic sections and their applications, data analysis, including measures of central tendency and dispersion, and probability, permutations, and combinations.

PREREQUISITE: Algebra I or Algebra I Honors, Geometry or Geometry Honors, and teacher recommendation SPECIAL NOTE: Earning credit in this course precludes the earning of credit in Algebra II. NCAA

PRE-CALCULUS

12023400 Credit: 1 Grade: 10-12

The purpose of this course is to emphasize the study of functions and other skills necessary for the study of calculus. Topics shall include, but not be limited to, polynomial, rational, exponential, inverse, logarithmic, and circular functions; sequences; series; theory of limits; vectors; conic sections; polar coordinates; symbolic logic; mathematical induction; and matrix algebra.

PREREQUISITE: Algebra II or Algebra II Honors and Teacher recommendation SPECIAL NOTE: NCAA

LIBERAL ARTS MATHEMATICS 2

12073100 Credit: 1 Grade: 11-12

Liberal Arts Mathematics is a course designed to strengthen the mathematical skills required for college entrance exams and for

further study of advanced mathematics. Topics shall include, but not be limited to, the following: operations with real numbers; ratio and proportion; percentages; the algebra of sets, integers, polynomials, factoring, algebraic expressions, equations and inequalities; quadratic equations; and the geometry of angles, lines, polygons, similarity and congruence. PREREQUISITE: Geometry or Informal Geometry and teacher recommendation SPECIAL NOTE: This course does not satisfy the three mathematics credits required for admission to Florida State Universities. NCAA

ADVANCED TOPICS IN MATHEMATICS

12983100 Credit: 1 Grade: 11 - 12
Advanced Topics in Mathematics is a course designed for students who have completed three years of high school mathematics including Algebra 2 and are interested in learning about advanced mathematical topics and improving their mathematic proficiency. The content will include, but no be limited to the following: solving systems of linear equations; arithmetic and geometric sequences; matrices and vectors; geometric measurements & dimensions; exponents and logarithms; functions and trigonometric functions; complex numbers; probability.
PREREQUISITE: Placement determined by scores on SAT, ACT or PERT, as well as Algebra 2 and teacher recommendation
SPECIAL NOTE: NCAA

MATH FOR COLLEGE READINES

12007000 Credit: 1 Grade: 12
Math for College Readiness is a secondary postsecondary readiness mathematics course, which is equivalent to Intermediate Algebra, MAT 1033 approved for delivery as a high school mathematics course for 12thgrade students. This course is a continuation of algebra containing topics such as roots, complex numbers, linear and quadratic equations, and linear inequalities, graphs, systems of scenarios is an integral part of this course. This course will teach students to understand and communicate concepts of algebra in the language of mathematics, both orally and written. This course enhances students' problem-solving skills and helps prepare the student for college-level mathematics and mathematics-based courses. Due to the nature of this course, calculators are NOT permitted. Upon successful completion of this course, students should be able to demonstrate knowledge of skills necessary to enter college-level mathematics courses such as MAC 1105, STA 2023, MGF 1106, or MGF 1107 when they retake the CPT for college entrance.
PREREQUISITE:
Placement is determined by scores on either the CPT, SAT, ACT or PERT. SPECIAL NOTE: NCAA

IB MATHEMATICAL STUDIES

12098000 Credit: 1 Grade: 11-12
The purpose of this course is to provide for the study of certain advanced topics. Topics shall include, but not be limited to, structure of mathematics, number theory, logic, relations, linear and exponential functions, probability and statistics, and sequences and series. In addition to these topics, the course will require a project in which the student prepares a paper as the result of an in-depth study of a certain area of mathematics. Examples of project topics are: geometry and art, tax shelters, probability, sampling, and statistics.
PREREQUISITE: Algebra II Honors or IB Pre-Calculus
SPECIAL NOTE: NCAA

SCIENCE

ENVIRONMENTAL SCIENCE

20013400 Credit: 1 Grade: 10
Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. School laboratory investigations (labs) are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the high school classroom should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations.

BIOLOGY I

20003100 Credit: 1 Grade: 10-12
Biology I will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include, but are not limited to, the following: the scientific method; measurements; laboratory apparatus usage and safety; cell biology and cell reproduction; principles of genetics; biological change through time; classification; microbiology; structure and function of plants and animals; structure and function of the human body; and ecology. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.
PREREQUISITE: Earth/Space Science, Integrated Science, or Science department approval
SPECIAL NOTE: NCAA

BIOLOGY I HONORS

20003200 Credit: 1 Core Grade: 9-12
Biology I Honors will provide opportunities to students for general exploratory experiences and activities in the fundamental concepts of life. Topics will include, but not be limited to, the following: the scientific method; laboratory apparatus usage and safety; biochemistry; cell biology; genetics; botany; zoology; human anatomy and physiology; and ecological relationships. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.
PREREQUISITE: None
SPECIAL NOTE: NCAA

MYP BIOLOGY I

20008000 Credit: 1 Grade: 9
Biology MYP will focus on accelerated biology. The content should include, but not be limited to, the following: biological and mineral classification systems; theories of the origin of the universe, solar system, and life; cell biology; biological and geological changes through time; Earth's major biomes; ecological relationships; fundamentals of biochemistry; species variation; populations; and adaptation. Laboratory activities, which include the use of scientific method, measurement, laboratory apparatus, and the safety, are an integral part of the course. Students will be required to complete projects and experiments relevant to biology that also take in consideration

the possibilities of utilizing science as a means to addressing and coming up with solutions for universal issues that affect human kind.

PREREQUISITE: Admission to the International Baccalaureate Program
SPECIAL NOTE: NCAA

CHEMISTRY I

20033400 **Credit: 1** **Grade: 11-12**

Chemistry I will provide opportunities for students to study the composition, properties, and changes associated with matter. Topics will include, but not be limited to, the following: classification and structure of matter; atomic theory; the periodic table; bonding; chemical formulas; chemical reactions; balanced equations; behavior of gases; physical changes; acids; bases; and salts. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.

PREREQUISITE: Algebra 1, Integrated Science, or Biology

SPECIAL NOTE: NCAA

CHEMISTRY I HONORS

20033500 **Credit: 1** **Grade: 10-12**

Chemistry I Honors will provide students with an opportunity to study the composition, properties, and changes associated with matter. Topics will include, but not be limited to, heat, changes of matter, atomic structure, bonding, the periodic tables, formulas, equations, mole concept, gas laws, reactions, solutions, equilibrium systems, and oxidation-reduction reactions. Laboratory activities that include the use of the scientific method, measurement, laboratory apparatus, and safety are an integral part of this course.

PREREQUISITE: Algebra 1, Honors Biology, and Science

Department approval. SPECIAL NOTE: NCAA

ANATOMY & PHYSIOLOGY HONORS

20003600 **Credit: 1** **Grade: 11-12**

Anatomy and Physiology Honors will provide students with general exploratory and advanced activities in structures and functions of the components of the human body. Topics will include, but not be limited to, the following: anatomical terminology; cells and tissues; systems of the body; and disease and inheritance. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.

PREREQUISITE: A Biological Science and Chemistry and Physics and Science Department approval. SPECIAL NOTE:

Full year course. NCAA

PHYSICS I HONORS

20033900 **Credit: 1** **Grade: 10-12**

Physics I Honors will provide students with an in depth study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Topics will include, but not be limited to, the following: kinematics; dynamics; energy; work; power; heat and thermodynamics; wave characteristics; light; electricity; magnetism; and nuclear physics. Laboratory activities, which include the use of the scientific method, measurement, laboratory apparatus, and safety, are an integral part of this course.

PREREQUISITE: Concurrent enrollment in Algebra II or Higher, Biology Honors, Chemistry Honors, and Science Department approval
SPECIAL NOTE: NCAA

IB ENVIRONMENTAL SYSTEMS & SOCIETIES 1

20013700 **Credit: 1** **Grade: 11-12**

Environmental systems and societies (ESS) is an interdisciplinary course offered only at standard level (SL). This course can fulfill either the individuals and societies or the sciences requirement. Alternatively, this course enables students to satisfy the requirements of both subject groups simultaneously while studying one course. ESS is firmly grounded in both a scientific exploration of environmental systems in their structure and function, and in the exploration of cultural, economic, ethical, political and social interactions of societies with the environment. As a result of studying this course, students will become equipped with the ability to recognize and evaluate the impact of our complex system of societies on the natural world. The interdisciplinary nature of the DP course requires a broad skill set from students, including the ability to perform research and investigations, participation in philosophical discussion and problem-solving. The course requires a systems approach to environmental understanding and promotes holistic thinking about environmental issues. Teachers explicitly teach thinking and research skills such as comprehension, text analysis, knowledge transfer and use of primary sources. They encourage students to develop solutions at the personal, community and global levels.

PREREQUISITE: Admission to the International Baccalaureate Program: Biology I MYP-IB and Semantics & Logistics Honors

SOCIAL STUDIES

WORLD HISTORY

21093100 **Credit: 1** **Grade: 10-12**

World History will provide students the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity. Specific content to be covered will include, but not be limited to, the following: geographic, historic and time-space relationships; pre-history, the rise of civilization and cultural universals; the development of religion and the impact of religious thought; the evolution of political systems and philosophies; the development of nationalism as a global phenomenon; and the origin and course of economic systems and philosophies. One credit of world history is required for graduation.

PREREQUISITE: None
SPECIAL NOTE: NCAA

WORLD HISTORY HONORS

21093200 **Credit: 1** **Grade: 10-12**

World History Honors will provide students the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about change or process as it relates to the development of humanity. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning, and interpretation.

PREREQUISITE: Department guidelines
SPECIAL NOTE: NCAA

ADVANCED PLACEMENT WORLD HISTORY

21094200 **Credit: 1** **Grade: 10-12**

The AP World History course offers motivated students the opportunity to immerse themselves in the processes that, over time, have resulted in the knitting of the world into a tightly integrated whole. The course highlights six themes that allow the students, throughout the course, to make comparisons, construct and evaluate arguments, assess issues of change and continuity, handle diverse interpretations through analysis of context, bias and frame of reference, and using documents and primary data in developing the skills necessary to analyze point of view, context and bias. These themes will cover 4 chronological periods from approximately 1000 AD to the present with careful preparation in terms of previous developments known as the Foundations segment.

PREREQUISITE: Department guidelines

AMERICAN HISTORY

21003100 **Credit: 1** **Grade: 11-12**

American History will provide students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation. Content to be covered will include, but not be limited to, the following: an understanding of geographic-historic and time-space relationships; the synthesizing of American culture through the centuries; the origin of American ideals; the American colonial experience; the American Revolution and the Federal System; the Civil War as the solution to the secession issue; the technological and urban transformation of the country; and American foreign policy development.

PREREQUISITE: Recommended for 11th grade. SPECIAL NOTE: NCAA

AMERICAN HISTORY HONORS

21003200 **Credit: 1** **Grade: 11-12**

American History Honors will provide students with the opportunity to acquire an in-depth and comprehensive understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the nation. Implicit in this is an understanding of the historical method, the inquiry process, historical reasoning and interpretation, and the issues of external and internal validity. One credit of American History is required for graduation.

PREREQUISITE: NONE. SPECIAL NOTE: NCAA

AMERICAN GOVERNMENT

21063100 **Credit: .5** **Grade: 12**

American Government will provide students the opportunity to acquire an understanding of American government and political behavior. Content to be covered will include, but not be limited to, the following: an analysis of those documents which shape our political traditions (the Declaration of Independence, the Constitution, and the Bill of Rights); a comparison of the roles of the three branches of government at the local, state, and national levels; an understanding of the evolving role of political parties and interest groups in determining government policy; how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted; and the importance of civic participation in the democratic political process. One-half credit of American Government is required for graduation.

SPECIAL NOTE: Recommended for 12th grade. This course is paired with Economics. NCAA

AMERICAN GOVERNMENT HONORS

21063200 **Credit: .5** **Grade: 12**

Students will acquire a comprehensive understanding of American government and political behavior. Appropriate concepts and skills will be developed through an evaluation of the following: Declaration of Independence, the Constitution, and the Bill of Rights; the changing roles of the three branches of government at the local, state, and national levels; the changing nature of political parties and interest groups in determining government policy; citizen rights and responsibilities in a democratic state; and the importance of civic participation in democratic political processes. One-half credit of American Government is required for graduation.

SPECIAL NOTE: Recommended for 12th graders. NCAA This course is paired with Economics Honors

AP AMERICAN GOVERNMENT

21064200 **Credit: .5** **Grade: 12**

This course will give students a critical perspective on politics and government in the United States. It requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Specific content to be covered will include, but not be limited to, an understanding of the following: 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. Course outline will adhere to guidelines of The College Board. Completion of this course may qualify student for college credit. Students enrolled must take the AP Exam. One-half credit of American government is required for graduation.

PREREQUISITE: Department guidelines. SPECIAL NOTE: NCAA. This course is paired with Economics Hon

AP AMERICAN GOVERNMENT (MYP/IB)

21064201 **Credit: .5** **Grade: 12**

Students will acquire a comprehensive understanding of American government and political behavior. Appropriate concepts and skills will be developed through the following: an evaluation of the Declaration of Independence, the Constitution, and the Bill of Rights; an analysis of the roles of the three branches of government at the local, state, and national levels; a comparative view of the changing roles of the three branches of government at the local, state, and national levels; a comparative view of the changing nature of political parties and interest groups in determining government policy; an evaluation of citizen rights and responsibilities in a democratic state and recognition of the importance of civic participation in democratic political processes. One-half credit of American Government is required for graduation.

PREREQUISITE: IB guidelines SPECIAL NOTE: NCAA. This course is paired with Comp Econ

IB CONTEMPORARY HISTORY

21098000 **Credit: 1** **Grade: 11-12**

Contemporary History IB will provide students the opportunity to acquire a comprehensive understanding of the major political, social, and economic developments of the twentieth century. This course is international in character with emphasis on a

closely integrated study of historic relations and with the intent of developing and applying sophisticated techniques of historical analysis. Appropriate skills and concepts will be developed within the content which includes causes and effects of war, economic development of nations, the rise and rule of single party dictators, decolonization of the eastern world, growth of international organizations, science technology and society, nationalism, international relations since 1945, and the difference and the impact of famine versus chronic, persistent hunger.

SPECIAL NOTE: IB Guidelines. NCAA

AFRICAN- AMERICAN HISTORY

21003400

Credit: 1

Grade: 9 (AVID)

2100340H (LH)

Grade: 11-12

The grade 9-12 African-American History course consists of the following content area strands: World History, American History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of African Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

ECONOMICS

21023100

Credit: .5

Grade: 12

Economics will provide students the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. Content will include using economic principles and reasoning in reaching decisions in the market place. Topics will include, but not be limited to, the following: the roles and impact of economic wants, productive resources, scarcity and choices; opportunity costs and trade-offs; economic incentives; specialization; comparative advantage; division of labor; interdependence; how markets work; savings and investment; the role of the citizen as producer, consumer, and decision-maker; the role and function of government policy; the role of money, financial institutions and labor; distinctions between micro and macro-economic problems, and the similarities and differences of other economic systems. One-half credit of economics is required for graduation.

PREREQUISITE: Recommended for 12th grade. SPECIAL NOTE: NCAA. This course is paired with American Government

ECONOMICS HONORS

21023200

Credit: .5

Grade: 12

Economics Honors will provide students the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed system. The major emphasis is to provide the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems. Specific content to be covered will include, but not be

limited to, the following: the role and impact of economic wants, productive resources, scarcity and choices, opportunity costs and trade-offs; economic incentives; specialization; comparative advantage; division of labor; inter-dependence; price determination; types of market failures; savings and investment; the role and function of governmental policy, labor supply and demand; the distinction between micro and macroeconomic problems; types of competition; inflation; unemployment; monetary and fiscal policy; and socioeconomic goals of freedom, economic efficiency, equity, full employment stability, and growth. One-half credit of economics is required for graduation.

SPECIAL NOTE: Recommended for 12th grade. This course is paired with American Gov Honors

MYP/IB COMPARATIVE ECONOMIC SYSTEMS

21028000

Credit: .5

Grade: 10-12

This course provides students the opportunity to acquire an understanding of the different economic systems that exist and how they all answer the basic economic questions of what goods and services shall be produced with available resources, how these goods and services shall be produced, and for whom they shall be produced. Specific content to be covered will include, but not be limited to, the following: an understanding of basic economic concepts relevant to different economic systems; the role of the producer and consumer; the role of economic incentives; resource ownership; how production and distribution decisions are made; the role and function of government; government regulation; economic decision-making; personal freedom; economic security; and economic stability. Meets the one-half credit requirement of economics for graduation.

PREREQUISITE: IB guidelines

SPECIAL NOTE: NCA

This course is paired with American Government IB

*If *Dual* Enrollment ECOx013 or ECOx023 are taken in isolation without the completion of FINx100, students must fulfill the Financial Literacy requirements through a school-based program of supplemental Financial Literacy instruction.

ELECTIVES:

CAREER ACADEMIES HEALTH & WELLNESS

MEDICAL SKILLS

84003200

Credit: 1

Grade: 9

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Health Science career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Health Science career cluster.

PREREQUISITE: Acceptance into the H/W magnet program.

HEALTH SCIENCE ANATOMY & PHYSIOLOGY

84171000 Credit: 1 Grade: 11-12

This course is part of a program composed of three courses, which may be taken concurrently, or Health Science 1 may be taken separately as a prerequisite to Health Science 2 and Allied Health Assisting 3. This course includes scientific concepts relating to health care based on structure and function of the body systems in health and disease. Complete program consists of Health Science 1, Health Science 2 and Allied Health Assisting 3.

PREREQUISITE: Instructor approval is recommended.

HEALTH SCIENCE FOUNDATIONS LH

84171100 Credit: 1 Grade: 10-11

This course is part of a program composed of three courses, which may be taken concurrently, or Health Science 2 and Allied Health Assisting 3 may be taken concurrently following completion of Health Science 1. This course includes common skills performed by health care workers in hospitals, nursing homes and other health care agencies. Classroom laboratory and off campus clinical experiences are correlated with theory. Complete program consists of Health Science 1, Health Science 2 and Allied Health Assisting 3.

PREREQUISITE: Health Science 1, Instructor approval

ALLIED HEALTH ASSISTING 3

84171310 Credit: 1 Grade: 11-12

In this course students will perform skills representative of one to three areas of allied health care in the office and clinical settings. Major areas of allied health are defined as physical therapy, emergency, radiation, laboratory and respiratory medicine, and occupational therapy. Students will also prepare and sit for the CMAA (Certified Medical Administrative Assistant) Exam.

PREREQUISITE: Health Science 2 and Health Science 1 with a C or higher

EMERGENCY MEDICAL RESPONDER

84171710 Credit: 1 Grade: 12

The student completing this course will be able to perform the following intended outcomes and student performance standards: Demonstrate an understanding of the roles and responsibilities of the first responder; Demonstrate an understanding of medico legal aspects; Determine and record vital signs of a sick or injured person; Use medical identification devices; Conduct a primary assessment of problems that are a threat to life if not corrected immediately; Demonstrate BLS procedures; Recognize and control bleeding; Recognize and control shock; Identify and use mechanical aids to breathing; Provide secondary assessment; Identify muscular-skeletal injuries; Identify the potential for a spinal injury; Provide emergency evacuation and transfer of a sick and/or injured person; Identify and provide initial care for a sick and/or injured patient; Identify and care for patients who are in special situations; Provide triage to victims of multiple casualty incidents; Recognize life-threatening situations; Recognize entrapment situations; Assist with emergency childbirth; Identify critical incident stressors; Communicate patient information to appropriate authorities.

PREREQUISITE: Health Science 1 or Anatomy and Health Science 2

CULINARY

CULINARY I

88005100 Credit: 1 Grade: 9-11

This course was developed as a part of a three-credit core. It is designed to prepare students for gainful employment and/or entry into the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining: Sanitation, safety, commercial tools and equipment, intro to management essentials, nutrition, basic food skills and recipe essentials covered along with specific instruction on each type of cookery method. This course involves both theory and limited actual hands on experience.

Prerequisite: None

CULINARY II

88005200 Credit: 1 Grade: 10-12

This course was developed as a part of a three-credit core. It is designed to prepare students for gainful employment and/or entry into the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining: Sanitation, safety, commercial tools and equipment, waiter/server, menu marketing, controlling food service cost, and nutrition, intermediate food skills; recipe essentials covered along with specific instruction on each type of cookery method with global cuisine. This course involves both theory and actual hands on experience. They can be certified by national organizations such as The National Restaurant Association, with a "Pro Start" certificate, "Serosae" certified

Prerequisite: Application and completion of culinary I with A /B average

CULINARY III

88005300 Credit: 1 Grade: 11-12

This course was developed as a part of a three-credit core. It is designed to prepare students for gainful employment and/or entry into the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining: Sanitation, safety, commercial tools and equipment, ServSafe Managers Course, Advanced Bakeshop, Banquet Organization, Showpieces, Competitions, business management plan. This course involves both theory and actual hands on experience. They can be certified by national organizations such as The National Restaurant Association, with a "Pro Start" certificate, "ServSafe" certified

Prerequisite: Application and completion of culinary II

CULINARY IV

8800550 Credit: 1 Grade 12

This course was developed as a part of a three-credit core. It is designed to prepare students for gainful employment and/or entry into the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining: Sanitation, safety, commercial tools and equipment, ServSafe Managers Course, Advanced Bakeshop, Banquet Organization, Showpieces, Competitions, business management plan. This course involves both theory and actual hands on experience. They can be certified by national organizations such as The National Restaurant Association, with a "Pro Start" certificate, "ServSafe" certified

Prerequisite: Application and completion of culinary III

BUSINESS EDUCATION

INTRODUCTION TO INFORMATION TECHNOLOGY

82073100 **Credit: 1** **Grade: 9-10**

This course provides an introduction to information technology concepts as well as the impact information technology has on the world, people, and industry and basic web design the techniques needed to develop well documented, structured computer programs; and the creation and maintenance of database objects to store, retrieve, and manipulate data. This course is a pre-requisite for all other business classes.

PREREQUISITE: None

DIGITAL DESIGN 1

82095100 **Credit: 1** **Grade 10-12**

These courses provide technical skill proficiency, and include competency-based applied learning that contributes to the academic knowledge. This program offers a broad foundation of knowledge and skills to prepare students for employment in digital publishing positions as well as skills needed for planning, management, finance, technical and production skills, and principles of technology and design. Students are prepared to take the Adobe InDesign Industry Certification test.

PREREQUISITE: Intro to Info Tech or Computing for College/Career

DIGITAL DESIGN 2

82095200 **Credit: 1** **Grade 11-12**

These courses provide technical skill proficiency, and include competency-based applied learning that contributes to the academic knowledge. This program offers a broad foundation of knowledge and skills to prepare students for employment in digital publishing positions as well as skills needed for planning, management, finance, technical and production skills, and principles of technology and design. Students are prepared to take the Adobe Illustrator Industry Certification test.

PREREQUISITE: Digital Design 1

DIGITAL DESIGN 3

82095300 **Credit: 1** **Grade 11-12**

These courses provide technical skill proficiency, and include competency-based applied learning that contributes to the academic knowledge. This program offers a broad foundation of knowledge and skills to prepare students for employment in digital publishing positions as well as skills needed for planning, management, finance, technical and production skills, and principles of technology and design. Students are prepared to take the Adobe Dreamweaver Industry Certification test.

PREREQUISITE: Digital Design 2

COMPUTER SCIENCE/CODING

IB COMPUTER SCIENCE I - HL

02008000 **Credit: 1** **Grade: 11-12**

The IB DP computer science HL course requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The course, underpinned by conceptual thinking, draws on a wide spectrum of knowledge, and enables

and empowers innovation, exploration and the acquisition of further knowledge. Students study how computer science interacts with and influences cultures, society and how individuals and societies behave, and the ethical issues involved. During the course the student will develop computational solutions. This will involve the ability to: • identify a problem or unanswered question • design, prototype and test a proposed solution • liaise with clients to evaluate the success of the proposed

FOUNDATIONS OF PROGRAMMING HONORS

9007210C **Credit: 1** **Grade: 11-12**

The course will introduce students to creative aspects of programming, using abstractions and algorithms, working with large data sets, understandings of the Internet and issues of cybersecurity, and impacts of computing that affect different populations. Computer Science Principles will give students the opportunity to use current technologies to solve problems and create meaningful computational artifacts. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This class is for students who are not ready for AP Computer Science.

PREREQUISITE: Exploring Computer Science

AP COMPUTER SCIENCE PRINCIPLES

0200335C **Credit: 1** **Grade: 11-12**

The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language.

These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. PREREQUISITE: Exploring Computer Science, Algebra 1

ADVANCED INFORMATION TECHNOLOGY

90076100 **Credit:1** **Grade: 9-10**

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Information Technology career cluster.

The content includes but is not limited to computer application skills including computer hardware, software applications, web applications, computer programming, web page design and advanced web tools, systems support and maintenance, network concepts, relational database concepts, multimedia tools, cybersecurity ; extensive exploration of information technology careers; strategies for success including goal setting, study skills, organizing skills, learning styles, employability skills, and service learning; and core academic skills with a strong emphasis on effective communication skills.

DIT CYBER SECURITY

82073101 **Credit:1** **Grade: 9-12**

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and cybersecurity-related careers in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of cybersecurity.

The content includes but is not limited to foundational knowledge and skills in computer and network security, security vulnerabilities, attack mechanisms and techniques, intrusion detection and prevention, cryptographic systems, system hardening, risk identification, incidence response, penetration testing, key management, access control, and recovery. Specialized courses focus on database security, planning and analysis, software, and web security.

AEROSPACE 1, 2, 3 **86005800, 86006800, 86017800** **Credit:1** **Grades 9-12**

The purpose of this course is to give students an opportunity to explore the area of aerospace technology and its associated careers. Students will be given the opportunity to solve technological problems using a variety of tools, materials, processes and systems while gaining an understanding of the effects of aerospace technology on our everyday lives.

OTHER ELECTIVES

ARMY JROTC

LEADERSHIP EDUCATION AND TRAINING I

18013000 **Credit: 1** **Grade: 9-12**

The purpose of this course is to enable students to develop knowledge of the history, customs, traditions, and purpose of the Army JROTC. The courses include development of basic leadership skills to include leadership principles, values, and attributes. Students should master appreciation for diversity. Active learning strategies are integrated throughout the course. Emphasis is placed on writing skills and oral communication techniques. Financial planning is introduced. Physical fitness, diet, nutrition, healthy lifestyles, and awareness of substance abuse and prevention are included. Basic first aid measures are additional content areas. An overview of the globe and geography along with basic map reading skills are incorporated. Also included is a study of the U.S. Constitution, Bill of Rights, responsibilities of U.S. citizens, and the federal justice system.

LEADERSHIP EDUCATION AND TRAINING II/ HONORS

18013100/1801310H **Credit 1** **Grade: 10-12**

The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training I. This course introduces the concept of equal opportunity and fair treatment of minorities and prevention of sexual harassment. It provides instruction on leadership skills and practical time to exercise 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 develop the Constitution and government and teaches the role of political parties in the election process.

PREREQUISITE: Leadership Education and Training I.

LEADERSHIP EDUCATION AND TRAINING III/ HONORS

18013200/1801320H **Credit 1** **Grade: 11-12**

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

PREREQUISITE: Leadership Education and Training II

LEADERSHIP EDUCATION AND TRAINING IV/ HONORS

18013300/1801330H **Credit 1** **Grade: 11-12**

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

PREREQUISITE: Leadership Education and Training III

ART

ART 2-D COMPREHENSIVE I

01013000 **Credit: 1** **Grade: 9-12**

Art/2-D Comprehensive I is a foundation course providing learning situations involving the visual arts in which the student has the opportunity to establish and explore the artistic expressions of ideas through studio activities.

PREREQUISITE: None

SPECIAL NOTE: Meets graduation requirement for Performing Arts

3D STUDIO ART

01013300

Credit: 1

Grade: 9-12

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Media may include, but are not limited to, clay, wood, plaster, and paper maché with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., hand-held, human, monumental) 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 3-D 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 and consumption of art materials.

DEBATE

DEBATE I-IV

10073300

Credit: 1

Grade: 9-12

The purpose of this course is to enable students to develop fundamental skills and techniques for use in debate and forensic activities. The content should include, but not be limited to, the following: communication skills, logic and critical-thinking skills, techniques of public speaking, research skills, parliamentary procedure, argumentation and debate skills, analysis of debates, timing and judging techniques.

PREREQUISITE: Teacher Recommendation

SPECIAL NOTE: This course may require students to participate in activities beyond the school day.

PHYSICAL EDUCATION

PHYSICAL EDUCATION

1501305

Credit .5

Grade: 10

Physical education in the MYP is concerned with more than just participating in sports and games. Its primary aims are to encourage the development of "intelligent performers" and to encourage students to understand the importance of a balanced, healthy lifestyle. Students should develop knowledge, critical thinking and reflection skills, and a sense of responsibility, as well as, interpersonal and self-motivational skills. This in turn should encourage choices that will contribute to long-term healthy living. Students will be expected to pay close attention to health concerns as they apply to and vary in different cultures.

SPECIAL NOTE: This class is a requirement for the continuation of learning for the MYP approaches to learning.

TEAM SPORTS I/ TEAM SPORTS II

1503350/1503360

Credit: .5

Grade: 10-12

Team Sports I provide students with opportunities to acquire knowledge of strategies of team sport play, develop skills in selected team sports, and maintain and/or improve their personal fitness. The content includes knowledge and application of skills,

techniques, strategies, rules and safety practices necessary to participate in selected team sports which may include, but not be limited to, basketball, flag football, flicker-ball, gator-ball, soccer, softball, speedball, track and field, and volleyball.

BASKETBALL

15033100

Credit: .5

Grade: 10-12

Basketball provides students with opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits today as well as in later life and/or with opportunities to maintain their personal fitness. The content includes in-depth knowledge and application of skills, techniques, strategies of team play, rules, and safety practices necessary to participate in basketball, and knowledge of the organization and administration of basketball activities.

PREREQUISITE: None

SPECIAL NOTE: This course is paired with Track & Field

JOURNALISM

JOURNALISM I/II HONORS/III HONORS/IV HONORS/Newspaper & Yearbook

10063000

Credit: 1

Grade: 9-12

Journalism provides instruction in aspects of journalism and workshop experience in journalistic production. Instruction will be given 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.

PREREQUISITE: Teacher recommendation

SPECIAL NOTE: NCAA

MUSIC

The Band and Chorus courses below generally require extra rehearsals and performances beyond the school day. ADVANCED HONORS PREREQUISITE: Instructor's approval and evidence of advanced musical competence through prior experiences in solo evaluation, performance, and student leadership and ensemble conducting. (Band/Chorus only)

BAND 1/ BAND 2/BAND 3/ BAND 4

13023000/13023200/13023100/13023300

Credit: 1 each

Grade: 9-12

Band provides students with instruction in the development of technical skills on wind and percussion instruments. Emphasis will be placed on the development of skills in interpretation of notation and expressive performance markings, individual and ensemble performance techniques, and critical listening skills and aesthetic values. The content should include, but not be limited to, the following: production of a characteristic tone on wind and percussion instruments; ensemble performance techniques, including phrasing, articulation, blend, balance, and intonation; response to conducting; performance of band

literature from varied historical periods and cultures; composition, arrangement, improvisation techniques; evaluation and application of knowledge of musical form and history; analysis and evaluation as a performer and a listener; responsible participation in music activities; importance of music in everyday life.

REGULAR PREREQUISITE: Instructor's approval

ADVANCED PREREQUISITE: Instructor's approval and evidence of advanced musical competence through prior experience in solo evaluation, performance, student leadership, and ensemble conducting.

SPECIAL NOTE: Satisfies Performing Arts requirement

INSTRUMENTAL TECHNIQUES

13024200 Credit: 1 Grade: 9-12

Students in this entry-level class focus on the development of musical and technical skills on a specific instrument through etudes, scales, and selected music literature. Through problem solving, critical thinking, and reflection, students develop the physical and cognitive skills to be more disciplined performers. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

BEGINNING/INTERMEDIATE CHORUS

13033000/13033100 Credit: 1 Grade: 9-12

Chorus provides students with instruction in the development of technical skills in the choral setting. Emphasis will be placed on the following: development of skills in reading music notation; music theory and composition; individual and ensemble performance techniques; analysis of form, style, and history; development of musically appropriate vocal tone production techniques; analysis of musical form; evaluation of musical performance, and the role of choral music and musicians in culture, society, and everyday life.

REGULAR PREREQUISITE: Instructor's approval.

ADVANCED PREREQUISITE: Instructor's approval and evidence of advanced musical competence through prior experiences in solo evaluation, performance, student leadership and ensemble conducting.

SPECIAL NOTE: Satisfies performing arts requirement

PEER COUNSELING

PEER COUNSELING I/II

14003000/14003100 Credit: .5 Grade: 10-12

Introductory Peer Counseling I will provide students with an understanding of the elements of communication and group processes. Specific content will include, but not be limited to, such topics as listening skills, questioning skills, feedback and paraphrasing skills, non-verbal communication skills, non-judgmental response skills and group cohesiveness. Introductory Peer Counseling II provides an understanding of the components of personal development and facilitates personal and group growth and fulfillment through individual and group processes. Specific content shall include, but not be limited to, such topics as knowledge of self and others, decision making, problem solving techniques, family relationships, peer pressure, individual responsibility, goal setting (long and short range), and the

development of a positive attitude toward self, school, and community.

SPECIAL NOTE: Elective credit; semester courses

PSYCHOLOGY

IB PSYCHOLOGY

21078000 Credit: 1 Grade 10-12

Students undertaking the course can expect to develop an understanding of how psychological knowledge is generated, developed and applied. This will allow them to have a greater understanding of themselves and appreciate the diversity of human behavior. The holistic approach reflected in the curriculum, which sees biological, cognitive and sociocultural analysis being taught in an integrated way ensures that students are able to develop an understanding of what all humans share, as well as the immense diversity of influences on human behavior and mental processes. The ethical concerns raised by the methodology and application of psychological research are also key considerations of the IB psychology course.

STUDENT GOVERNMENT

LEADERSHIP SKILLS DEVELOPMENT I/II

24003000/24003100 Credit: 1 Grade: 10-12

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision-making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

AVID

AVID 1-3

1700390, 1700400, 1700410 Credit: 1 Grade 9-12

AVID (Advancement Via Individual Determination) is offered as a rigorous academic elective course that prepares students for success in four-year colleges. The AVID course is scheduled during the regular school day as a year-long course. Each week students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic survival skills. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study skills and test taking, note-taking, and research. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, and reading to support their academic growth.

LATINOS IN ACTION

LEADERSHIP DEVELOPMENT & TECHNIQUES

2600300L, 2400310H Credit: 1 Grade: 9-12

This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society. Development in areas such as self-esteem, goal setting, and character-building. Enhanced leadership skills and the ability to function in both a group setting and the community

WORLD LANGUAGES

SPANISH I

07083400 **Credit: 1** **Grade: 9-12**

Modern World Language I introduces students to the target language and its culture. The student will develop communicative skills and cross-cultural understanding. Specific content includes, but is not limited to, beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is also included as well as the fundamentals of grammar and culture.

PREREQUISITE: FSA Level 3 and above

SPECIAL NOTE: NCAA

MYP MUSIC 1

13033000/13033100 **Credit: 1** **Grade: 9-12**

In MYP arts, students' function as artists as well as learners of the arts. Artists have to be curious. By developing curiosity about themselves, others and the world, students become effective learners, inquirers and creative problem-solvers. Students create, perform and present arts in ways that engage and convey feelings, experiences and ideas. Through this practice, students acquire new skills and master those developed in prior learning. Development in the arts is a dynamic process, and not necessarily linear. Students move freely through a creative process towards a deeper understanding of the arts. The process of creating artwork, as well as the product, demonstrates what students have experienced, learned and attempted to convey. Arts in the MYP stimulate young imaginations, challenge perceptions, and develop creative and analytical skills. The course encourages students to understand the context and cultural histories of artworks, supporting the development of an inquiring and empathetic world view. Arts challenge and enrich personal identity and build awareness of the aesthetic in a real-world context. MYP arts has four objectives of equal importance and value: knowing and understanding; developing skills; thinking creatively; responding. Although the objectives can be addressed separately to scaffold learning, collectively they enrich teaching and learning of the arts and musicians in culture, society, and everyday life.

REGULAR PREREQUISITE: Acceptance in the International Baccalaureate Middle Year's Program

MYP MUSIC 2

13008500 **Credit: 1** **Grade: 10**

In MYP arts, students' function as artists as well as learners of the arts. Artists have to be curious. By developing curiosity about themselves, others and the world, students become effective learners, inquirers and creative problem-solvers. Students create, perform and present arts in ways that engage and convey feelings, experiences and ideas. Through this practice, students acquire new skills and master those developed in prior learning. Development in the arts is a dynamic process, and not necessarily linear. Students move freely through a creative process towards a deeper understanding of the arts. The process of creating artwork, as well as the product, demonstrates what students have experienced, learned and attempted to convey. Arts in the MYP stimulate young imaginations, challenge perceptions, and develop creative and analytical skills. The course encourages students to understand the context and cultural histories of artworks, supporting the development of an inquiring and empathetic world view. Arts challenge and enrich personal identity and build awareness of the aesthetic in a real-

world context. MYP arts has four objectives of equal importance and value: knowing and understanding; developing skills; thinking creatively; responding. Although the objectives can be addressed separately to scaffold learning, collectively they enrich teaching and learning of the arts.

REGULAR PREREQUISITE: MYP Music 1

IB MUSIC 2

13008100 **Credit: 1** **Grade: 11**

The IB Diploma Programme standard level music course seeks to develop students' knowledge and potential as musicians, both personally, and collaboratively. IB Diploma Programme music students are required to study musical perception and actively listen to a wide range of music from different parts of the world, musical cultures and time periods. They also develop aural perception and understanding of music by learning about musical elements, including form and structure, notations, musical terminology and context. Through the course of study, students become aware of how musicians work and communicate. In addition, the course enables students to: • enjoy lifelong engagement with the arts • become informed, reflective and critical practitioners in the arts • understand the dynamic and changing nature of the arts • explore and value the diversity of the arts across time, place and cultures • express ideas with confidence and competence • develop perceptual and analytical skills • develop their knowledge and potential.

REGULAR PREREQUISITE: MYP Music 1 & MYP Music 2

IB MUSIC 3

13008200 **Credit: 1** **Grade: 12**

The IB Diploma Programme standard level music course seeks to develop students' knowledge and potential as musicians, both personally and collaboratively. IB Diploma Programme music students are required to study musical perception and actively listen to a wide range of music from different parts of the world, musical cultures and time periods. They also develop aural perception and understanding of music by learning about musical elements, including form and structure, notations, musical terminology and context. Through the course of study, students become aware of how musicians work and communicate. In addition, the course enables students to: • enjoy lifelong engagement with the arts • become informed, reflective and critical practitioners in the arts • understand the dynamic and changing nature of the arts • explore and value the diversity of the arts across time, place and cultures • express ideas with confidence and competence • develop perceptual and analytical skills • develop their knowledge and potential.

REGULAR PREREQUISITE: IB Music 2

SPANISH II

FRENCH II

07083500/07013300 **Credit: 1** **Grade: 9-12**

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

PREREQUISITE: Modern World Language I or final exam in Modern World Language 1.
SPECIAL NOTE: NCAA

SPANISH III HONORS FRENCH III HONORS

07083600/07013400 Credit: 1 Grade: 9-12
Modern World Language III provides mastery and expansion of skills acquired by the students in Modern World Language II. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Students' acquisition of grammatical concepts is strengthened by analyzing reading selections. Contemporary vocabulary stresses activities, which are important to the everyday life of the target language-speaking people.
PREREQUISITE: Modern World Language II
SPECIAL NOTE: NCAA

ADVANCED PLACEMENT SPANISH/FRENCH

07013800/07084000 Credit: 1 Grade: 10-12
Advanced Placement Modern World Language develops oral and written fluency in the language and prepares students to take the Advanced Placement test. Specific content includes, but is not limited to, content determined by the Advanced Placement Program guidelines.
PREREQUISITE: Mastery of Student Performance Standards corresponding to Modern World Language III or higher and teacher recommendation.
SPECIAL NOTE: NCAA

MYP/IB SPANISH I

07088000 Credit: 1 Grade: 9-11
MYP Spanish I and French I prepare students for the successful completion of the International Baccalaureate Programme. The course develops listening, speaking, reading, and writing skills with special attention to pronunciation during the first semester. Reading and writing receives more emphasis during the second semester. Knowledge of the culture of the target language is incorporated throughout the year.
PREREQUISITE: Minimum of one year of middle school target language study or teacher recommendation
SPECIAL NOTE: These courses are worth honors credits and meet NCAA requirements.

MYP/IB SPANISH II

MYP/IB FRENCH II
07088100/07018100 Credit: 1 Grade: 9-10
MYP Spanish II and French II continue to prepare students for the successful completion of the International Baccalaureate Programme. The course expands the skills acquired by the students in MYP Spanish I and French I. More advanced grammatical structures and idiomatic expressions are stressed during the first semester. During the second semester, through discussions based on selected readings and emphasis on conversational skills, there is additional growth in vocabulary for practical purposes including writing. The course includes reading selections taken from newspapers, magazines, and literary works.

PREREQUISITE: Spanish I MYP or French I MYP SPECIAL NOTE: These courses are worth honors credits and meet NCAA requirements.

MYP/IB SPANISH III

MYP/IB FRENCH III
07088200/07018200 Credit: 1 Grade: 9-11
Spanish III and French III MYP expand skills previously acquired by the student. The course content includes, but is not limited to, more advanced language structures and idiomatic expressions. Emphasis is placed on conversational skills. Students read and discuss contemporary works and write reports and compositions based on reading assignments. The study of vocabulary, grammar, and culture is included.
PREREQUISITES: MYP Spanish II and French II
SPECIAL NOTE: These courses are worth honors credits and meet NCAA requirements.

IB SPANISH IV-B

IB FRENCH IV-B
07088300/07018300 Credit: 1 Grade: 11-12
Spanish IV-B IB and French IV-B IB expand the skills previously acquired by non-native speaking students and prepare them to take the IB Exams in Spanish and French at the subsidiary level. The content includes, but is not limited to, developing oral fluency in the language, comprehending difficult authentic text, commenting on meaning and content through oral and written means in order to develop oral comprehension of a high standard.
PREREQUISITE: Spanish III, MYP Spanish III, AP Spanish, or French III, MYP French III, and AP French, and teacher recommendation.
SPECIAL NOTE: NCAA

IB SPANISH V-B

IB FRENCH V-B
07088400/07018400 Credit: 1 Grade: 12
Spanish V-B IB and French V-B IB expand skills previously acquired by the non-native-speaking students and prepare them to take the I.B. Exam at the higher level. The content includes, but is not limited to, developing oral fluency and comprehension at full native speed, comprehending in detail authentic works of literature drawn from several periods, and discussing and writing about the works with fluency and accuracy.
PREREQUISITE: Spanish IV-B IB or French IV-B

MISC IB ELECTIVES

IB THEORY OF KNOWLEDGE I

09008000 Credit: 1 Grade: 12
Theory of Knowledge (TOK) - IB will provide students the opportunity to understand through analysis, comparison, and interdisciplinary integration, the concepts of knowledge and its verification in the disciplines of mathematics, natural sciences, human sciences, history, and in moral, political and aesthetic judgments. This course is required for earning the International Baccalaureate Diploma.

PREREQUISITE: IB guidelines SPECIAL NOTE: NCAA

IB THEORY OF KNOWLEDGE II

09008100 **Credit: 1** **Grade: 12**

The fundamental question of TOK is “how do we know that?” Students are encouraged to think about how knowledge is arrived at in different disciplines, what the disciplines have in common and the differences between the disciplines. TOK therefore both supports and is supported by the study of other DP subjects, as students are required to explore knowledge questions against the backdrop of their experiences in their other DP subjects. Discussion and critical reflection form the backbone of the TOK course, centering around discussions of questions such as: what counts as evidence, what makes an explanation good, how do we judge best, how do we know it is right to do etc. PREREQUISITE: TOK I SPECIAL NOTE: NCAA

be covered will include, but not be limited to, the following: an understanding of geographic-historic and time-space relationships; the synthesizing of American culture through the centuries; the origin of American ideals; the American colonial experience; the American Revolution and the Federal System; the Civil War as the solution to the secession issue; the technological and urban transformation of the country; and American foreign policy development. Students will research various topics at a higher level.

PERSONAL COMMUNICATION HEALTH DUAL ENROLLMENT

HSC2100D **Credit 1** **Grades 11-12**

The purpose of this course is to provide an in-depth study of the principles of personal health maintenance. Wellness promotion for self and others will be emphasized along with responsible decision-making and planning for a healthy lifestyle.

DUAL ENROLLMENT ELECTIVES

INTRODUCTION TO EDUCATION

EDF1005D **Credit: .5** **Grade: 11 & 12**

The primary purpose of this education course is to give you a means for testing yourself as a potential teacher and to introduce you to world of classrooms and schools. The educational aim in EDF 1005 is, to engender a meaningful educational experience for you, a beginning teacher education candidate, through **the examination of cases** that “...are controversial in nature and challenge you, a beginning teacher educator, to think analytically and thoughtfully about the experiences the case describes. It is anticipated that the experience will enable you, a beginning candidate, to grow by deepening and broadening yourself as you work in a learning community, pursuing social ends (the solving of a case/case analysis), using knowledge of school and society (the historical, sociological and philosophical foundations of education), and power and control in American education (governance and finance, educational policies, legal issues, and professionalism of teaching), and requisite thinking skills.

PREREQUISITE: Florida International University criteria: 3.0 GPA SPECIAL NOTE: Upon successful completion of a C or better 3 college credits will be earned.

STRATEGIES FOR SUCCESS

SLS 1001 **Credit .5** **Grade: 12**

This course provides opportunities to learn about Broward College and higher education, acquire and practice learning strategies, explore personal learning styles, identify career options, and develop life-long skills for responsible citizenship. PREREQUISITE: Grade 12 with a 2.5-2.9 GPA

AMERICAN HISTORY DDUAL ENROLLMENT

AMH2010D **Credit 1** **Grade 11**

Dual enrollment American History will provide students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation. Content to

GRADUATION REQUIREMENTS AND DIPLOMA OPTIONS

Florida law provides incoming 9th grade students the right to choose a diploma option:

- 4-year (24 credit) standard high school diploma
- 18 Credit ACCEL Diploma

The right graduation program for a particular student is one that best fits the abilities, interests, and goals of the individual student. Families should consider the educational benefits of each program and choose the program that will best prepare the student for his or her postsecondary education or career plan. Families and students should work with their school counselor on a regular basis to get more information about graduation programs, financial aid opportunities, acceleration programs, and college or career plans to help make this important decision.

Please note that each student is governed by the policies from the year in which they first entered ninth grade. This year of high school entry determines the student's "cohort." Each cohort has different graduation requirements. The charts on the following pages should be used as a guide when planning your academic program. It is very important that students become aware of the specific graduation requirements for their diploma option and cohort.

Early High School Graduation

A high school student who pursues the four-year 24-credit or 18 credit ACCEL high school graduation program may have the option to participate in early graduation (graduating in less than 8 semesters). A student who completes a minimum of 24 (or 18 for ACCEL) credits, achieves a cumulative GPA of 2.0 on a 4.0 scale, completes the service learning requirement and earns a passing score on the statewide assessments required for high school graduation may have this option outlined in s. 1003.4281, F.S.

A student who graduates early may continue to participate in school activities and social events and attend and participate in graduation events with the student's cohort, as if the student were still enrolled in high school. A student who graduates early will be included in class ranking, honors, and award determinations for the student's cohort. A student who graduates early must comply with district school board rules and policies regarding access to the school facilities and grounds during normal operating hours.

Acceleration Options

Each high school is required to advise each student of programs through which a high school student can earn college credit, including AP, IB, AICE, dual enrollment and early admission courses, career academy courses, and courses that lead to national industry certification, as well as the availability of course offerings through virtual instruction as specified in ss. 1003.4295, F.S. Each high school is also required to advise each student of the early and accelerated graduation options under ss.

1003.4281 and 1003.429, F.S.

Each high school must provide Academically Challenging Curriculum to Enhance Learning (ACCEL) options. ACCEL options are educational options that provide academically challenging curriculum or accelerated instruction to eligible students such as:

- Whole-grade and mid-year promotion
- Enrichment programs
- Subject-matter acceleration
- Virtual Instruction in higher grade level subjects
- Credit Acceleration Program (CAP) as specified in s. 1003.4295, F.S.
- Enriches science, technology, engineering and mathematics (STEM) coursework.

The Florida Department of Education's Bureau of Curriculum and Instruction website provides technical assistance related to student and course advising, student progression, and graduation requirements at <http://www.fldoe.org/bii/>.

Online Course Graduation Requirement

Florida Statute 1003.428 (2)(a) requires of high school students who entered grade nine in 2011-12 and thereafter, that at least "one full course," included in the 24 credits required for graduation, be successfully completed in an online environment.


Recently, the State clarified the meaning of "one full course" as a course listed in the State's Course Code Dictionary, whether it carries one credit or one-half credit. "Full course completion" occurs when the credits attempted by the student match the credits earned by the student. A student who takes a half-credit course and successfully earns the half-credit has completed a "full course." A student who takes a full-credit course and only earns one-half of the credit has not completed a full course. A full-course, whether it carries a half-credit or one credit, will fulfill the online learning requirement for high school graduation. If a student takes a course such as English I, a one-credit course, the student must pass both semesters of this course in a virtual environment to meet the online learning requirement. Beginning with students entering 9th grade in school year 2013-2014, Driver's Ed cannot be used to satisfy the online course requirement.

Please convey this information to your staff and students to ensure that all students understand the requirements and have ample time to complete one "full course" in a virtual environment.

Graduation Requirements Charts

The following charts display the requirements for each type of diploma and cohort. This information is current as of July 2013 and may be subject to change dependent upon new legislation.

2019-2020 Standard Diploma Graduation Requirements

	Students Entering Grade Nine in 2014 – 2015 and After
English	4 Credits
Mathematics	1 Credit Algebra (EOC=30% of final grade) 1 Credit Geometry (EOC=30% of final grade) 2 Credits Additional Math (If Algebra II is selected, Algebra II EOC will count for 30% of the final grade)
Science	1 Credit Biology (EOC=30% of final grade) 2 Credits Additional Science identified as Equally Rigorous
Social Studies	1 Credit World History 1 Credit United States History (EOC =30% of final grade) .5 Credit United States Gov't .5 Credit Economics
World Languages	Not required for graduation. Minimum 2 years of the same language required for admission into most universities and some Bright Futures Scholarships.
Fine and Performing Arts, Speech/Debate, or Practical Arts	1 Credit in Fine or Performing Arts, Speech and Debate, or eligible Practical Arts
Physical Education	1 Credit in Physical Education to include the integration of Health (HOPE)
Electives	8 Credits
TOTAL	24 Credits
State Assessments	Students must earn a passing score on the Grade 10 ELA statewide standardized assessment Students must earn a passing score on the Algebra 1 EOC or concordant score
Computer Competency	Not required
On-Line Course	Requires a full course to be completed
Grade Point Average	Cumulative GPA of 2.0 on a 4.0 scale (unweighted)
Service Hours	40 hours required

Diploma Designations & ACCEL 18-Credit Option

Scholar Designation	In addition to meeting the standard high school diploma requirements: <ul style="list-style-type: none"> -Pass the ELA Grade 11 statewide assessment -Algebra II and pass the EOC -Pass the Geometry EOC -Statistics or equally rigorous math -Chemistry or Physics and another equally rigorous science -2 credits in the same world language -Earn at least one credit in AP, IB, AICE or a dual enrollment course -Pass Biology EOC or earn minimum score required to earn college credit on AP, IB or AICE exam -Pass US History EOC or earn minimum score required to earn college credit on AP, IB or AICE exam
Merit Designation	In addition to meeting the standard high school diploma requirements: Attain one or more industry certifications from the list established
ACCEL Program (18 credits minimum)	Meet all requirements for a standard high school diploma with the following exceptions: <ul style="list-style-type: none"> -Physical Education not required -Online course not required -3 elective credits only -Service hours are not required