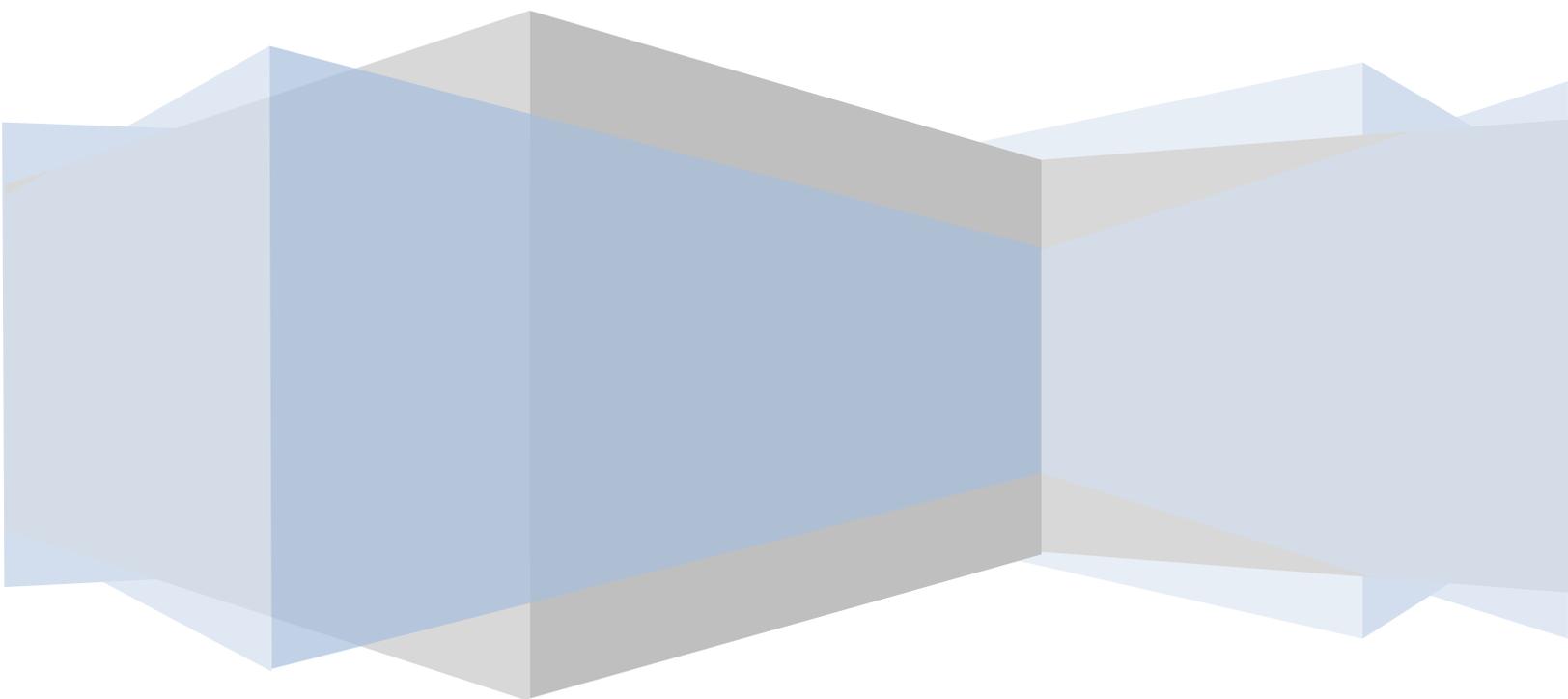


Hillsborough County Public Schools, FL

STEINBRENNER HIGH SCHOOL

2021-2022 Curriculum Guide





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Schedule Change Policy

Student course selections impact the hiring of teachers and the purchasing of textbooks and other resources. In addition, core classes are limited in size by class size requirements. Therefore, adjustments to schedules will be limited as follows:

1. Valid reasons for schedule changes include: counselor error, computer error, failing a prerequisite course, passing a course in summer, passing a night or virtual school course, missing a requirement for graduation, or not having the proper prerequisite.
2. Elective changes will not be honored due to teacher unit allocation.
3. Changes will not be considered for teacher preference including "teaching style".
4. Failure to complete summer reading or assignments does not constitute a valid reason.
5. Changes will not be made to accommodate a lunch period request.

If a schedule change request is approved:

1. Understand that it may mean your entire schedule will have to be altered, which may result in different teachers, lunch period, and class periods
2. It cannot be changed back to the original schedule
3. The student is responsible for all class work from the beginning of the semester, regardless of the date the student entered the class
4. A transfer grade from the previous class will follow with you to the new class

Please note: The school retains the right to change schedules because of unbalanced class loads, unit loss or gain, or other factors which affect the total program.

Why should I take an Advanced Placement course?

Through AP's college-level courses and exams, you can earn college credit, stand out in the admission process, and learn from some of the most skilled, dedicated, and inspiring teachers in the world (College Board 2010).

In AP classrooms, the focus is not on memorizing facts and figures. Instead you'll engage in intense discussions, solve problems collaboratively, and learn to write clearly and persuasively (College Board 2010).

AP courses can help you acquire the skills and habits you'll need to be successful in college. You'll improve your writing skills, sharpen your problem-solving abilities, and develop time management skills, discipline, and study habits (College Board 2010).

More than 90 percent of four-year colleges in the United States and colleges in more than 60 other countries give students credit, advanced placement or both on the basis of AP Exam scores. By entering college with AP credits, you'll have the time to move into upper level courses, pursue a double-major or study abroad (College Board 2010).

What AP Courses are offered at Steinbrenner High School?

In 2020-2021, Steinbrenner High School plans to offer the following courses for students:

AP Human Geography (9th-12th)

AP World History (10th)

AP US History (11th)

AP Micro/Macro Economics (12th)

AP Psychology (10th-12th)

AP US Gov/Comparative Politics (12th)

AP European History (11th-12th)

AP Statistics (10th-12th)

AP Calculus AB (11th-12th)

AP Calculus BC (11th-12th)

AP Computer Science A (10th-12th)

AP Computer Science Principles (9th – 12th)

AP Capstone Seminar (10th – 11th)

AP Capstone Research (11th – 12th)

AP Biology (9th-12th)

AP Chemistry (10th-12th)

AP Physics 1 (11th-12th)

AP Physics C (E & M and ME) (11-12th)

AP Environmental Sci. (10th-12th)

AP English Language (11th)

AP English Literature (12th)

AP Spanish Language (10th-12th)

AP Studio Art 2-D Design (10th-12th)

AP Studio Art 3-D Design (10th-12th)

AP Studio Art Drawing (10th-12th)

AP Art History (10th – 12th)

AP Music Theory (11th – 12th)

FAQs

1. How much homework will I have?

- a. You should expect more challenging and frequent homework than an Honors level class. Nightly homework and lengthy reading/writing assignments are common, but vary from course to course.

2. If my grade is lower than what I want, can I change out of the class?

- a. No, schedule changes are not made because of grades. Colleges and Universities know that AP classes are more difficult and therefore weigh the grades you earn from AP classes more than Honors classes.

3. What if I don't get assigned the teacher I thought would be teaching the AP class?

- a. Never choose a class because of the teacher. There is no way to guarantee which teacher you will be assigned and changes will not be made for teacher preference.

4. How many AP classes should I take?

- a. It depends on your work ethic, ability, and after school responsibilities and activities. Be realistic about your time commitments. Most students should begin with one AP class and add more in future years depending on previous success.

5. Can I get into a college or university without taking an AP class?

- a. It depends on the college or university. You need to research their admissions criteria and the typical profile of students that get accepted. Most competitive colleges/universities turn away far more students than they accept, so you need to make yourself marketable and success in AP classes and on AP exams helps.

6. How do I get college credit for taking an AP class?

- a. In May, you will take an AP Exam for every AP class in which you are enrolled. Typically, colleges/universities award credit for the course if you score a 3, 4, or 5 on the exam. You have to check with the college or university for their policy.

7. Do I have to take the AP Exam?

- a. Yes, taking the AP Exam is a requirement.

8. What kind of support is available to help me with AP classes?

- a. At school, we offer additional tutoring through our Extended Learning Program. Students are also encouraged to form study groups and access online resources and print materials.

Name _____

**AP Contract
2021-2022**

GRADE: _____

Students signing up for AP classes understand that:

- 1. I will be expected to complete summer reading assignments/projects and failure to do so will **NOT** result in a schedule change.
- 2. The course(s) will be challenging and I will be expected to produce work that is held to a higher academic standard; it is incumbent upon me to work harder to raise a low grade.
- 3. A schedule change will **NOT** be granted because of teacher preference, low grades or because the class is too demanding. A student is expected to remain in the course and seek additional resources/tutoring.
- 4. I am expected to take the AP exam in May and understand I will be charged for the exam if I do not have a College Board approved reason for missing it.

AP Courses Selected:

Teacher approval if not on Course Selection Worksheet:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

(Student Signature)

(Date)

Parents: Your signature below indicates that you have reviewed your student's AP Course selections and you understand the aforementioned guidelines.

(Parent/Guardian Signature - Required)

(Date)

ADVANCED PLACEMENT COURSES

ENGLISH

AP ENGLISH LANGUAGE AND COMPOSITION

Prerequisite: A or B in honors English and/or a teacher recommendation

1 Credit

Grade 11

A class developed to mirror the freshman college composition course and designed with the college bound, serious student in mind. In this class you will be challenged every day to improve your reading and writing skills. You will read nonfiction from across the centuries, and you will write in a variety of forms. This class will enable you to perform more confidently in high school and college, and prepare you for a lifetime of learning.

AP ENGLISH LITERATURE AND COMPOSITION

Prerequisites: A or B in honors English AP Language and/or a teacher recommendation

1 Credit

Grade 12

The purpose of this course is to involve students in the study and practice of writing and in the study of literature. Students should learn to use the modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Students should also acquire an understanding of the resources of the language as well as the writer's craft. They should develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. The content should include, but not be limited to, that determined by the College Board.

AP CAPSTONE SEMINAR

Prerequisite(s): Teacher Recommendation

1 Credit

Grades 10-11

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

AP CAPSTONE RESEARCH

Prerequisite(s): AP Seminar, Teacher Recommendation

1 Credit

Grades 11-12

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

MATH

AP CALCULUS AB

Prerequisite: Pre-Calculus & Teacher Recommendation

1 Credit

Grades 11-12

The purpose of this course is to provide study of elementary functions and the general theory and techniques of Calculus. A graphing calculator is required. It is required that the student take the Advanced Placement examination in Calculus AB. If AP exam is passed then you may receive credit for Calculus 1.

AP CALCULUS BC

Prerequisite: Pre-Calculus & Teacher Recommendation

1 Credit

Grades 11-12

This course provides an extensive study of the general theory and techniques of Calculus. A graphing calculator is required. It is required that the student take the Advanced Placement examination in Calculus BC. If AP exam is passed then you may receive credit for Calculus 1 and Calculus 2.

AP STATISTICS

Prerequisite: Algebra 2 Hon & Teacher Recommendation

1 Credit

Grades 10-12

This course explores the concepts of probability and elementary statistics. A graphing calculator is required. This course is a precursor of the statistics required by most fields of study in college. The student will be required to take the Advanced Placement examination.

SCIENCE

AP BIOLOGY

Prerequisite(s): Physical Science Honors–A or Biology 1 Honors-B and Chemistry 1 Honors–B, Teacher Recommendation

1 Credit

Grades 9-12

The purpose of this course is to provide a study of the facts, principles, and processes of biology and the collection, interpretation, and formulation of hypotheses from available data. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course; moreover, specific AP laboratory activities are course requirements. The content should include, but not be limited to, molecular and cellular biology, organismal biology, and populational biology.

AP CHEMISTRY

Prerequisite(s): Chemistry 1 Honors–B or AP Biology-B, Corequisite: Pre-Calc, Teacher Recommendation

1 Credit

Grades 10-12

The purpose of this course is to study the development and application of chemistry principles and concepts. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course; moreover, specific AP laboratory activities are course requirements. The content should include, but not be limited to, structure of matter, states of matter, chemical reactions, and descriptive chemistry. Opportunities to understand the interactions of science with technology and society provided.

AP ENVIRONMENTAL SCIENCE

Prerequisite(s): Biology 1 Hon–B and Corequisite or prerequisite of Chemistry 1 Hon-B or AP Chemistry, Teacher Recommendation

1 Credit

Grades 10-12

The purpose of this course is to study the interaction of humans with the environment. The content should include, but not be limited to: 1) scientific analysis -fundamental principles about the interdependence of earth's systems, 2) population dynamics-distribution, ownership, and renewable and nonrenewable resources, 3) environmental quality, 4) global changes and their consequences, 5) environment and society- trade-offs and decision making, and 6) choices for the future. Specific AP lab activities are course requirements.

AP PHYSICS I

Prerequisite(s): Chemistry I Honors-A, Alg 2 Hon.

Co-req: Pre-Calculus, Teacher Recommendation

1 Credit

Grades 11-12

The purpose of this college level non-calculus course is to provide a systematic introduction to the main principles of classical mechanics and emphasize the development of problem-solving ability. The content includes kinematics, dynamics, gravitation, planetary motion, conservation laws in classical mechanics, torque, rotational equilibrium & dynamics, angular momentum, mechanical waves, and sound. Introductory electric circuits are included at the end of the course. Specific AP laboratory activities are course requirements. (Graphing calculators recommended)

AP PHYSICS C: Mechanics

Prerequisite: Chemistry Hon. Teacher Recommendation

Pre or co-req: AP Calculus

1 Credit

Grade 11-12

The purpose of this college level calculus based course is to provide a systematic introduction to the main principles of classical mechanics and emphasize the development of problem-solving ability. The content includes kinematics, dynamics, gravitation, planetary motion, conservation laws in classical mechanics, torque, rotational equilibrium & dynamics, angular momentum, mechanical waves, and sound. Specific AP laboratory activities are course requirements. (Graphing calculators recommended)

AP PHYSICS C: Electricity & Magnetism

Prerequisite: AP Physics C (Mechanics), pre or co-req: AP Calculus, Teacher Recommendation

1 Credit

Grade 12

The purpose of this course is to provide a systematic introduction to principals in a second semester college level introductory calculus based physics course. The content includes electrostatics, DC and steady-state RC circuits, magnetism and electromagnetic induction. Emphasis is on the development of problem-solving ability, specific AP laboratory activities, and course requirements. (Graphing calculators recommended)

SOCIAL STUDIES

AP HUMAN GEOGRAPHY

Prerequisite: Teacher recommendation

1 Credit

Grades 9-12

AP Human Geography is a yearlong course that focuses on the distribution, processes and effects of human populations on the planet. Case studies from around the globe are compared to the situations in both the United States and locally. College credit can be obtained by earning a passing score on the Advanced Placement Exam administered in May.

AP EUROPEAN HISTORY

Prerequisite: Teacher Recommendation

1 Credit

Grades 11-12

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live.

AP US GOVERNMENT/ POLITICS AND AP COMPARATIVE GOVERNMENT/POLITICS

Prerequisite: Teacher recommendation

.5 credits each

Grade 12

The aim of this AP course is to provide the students with a learning experience equivalent to that in most college introductory government and politics course. This course included both the study of general concepts used to interpret U.S. Government and politics and the analysis of specific examples. It requires familiarity with the various institution, group beliefs, and ideas that constitute U.S. Government and Politics.

AP MACRO ECONOMICS/ AP MICRO ECONOMICS

Prerequisite: GPA, and teacher recommendation

.5 credit each

Grade 12

Students understand the choices they must make as producers, consumers, investors, and tax payers. The study of economics provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants.

AP UNITED STATES HISTORY

Prerequisite: Teacher recommendation

1 Credit

Grade 11

The purpose of Advanced American History is to provide students with the opportunity to develop the analytic skills and factual knowledge necessary to deal critically with the problems, content, and materials of American Historic Development. This is done by focusing on persistent themes and change in history and by applying historical reasoning to seek solutions to contemporary problems. College credit can be obtained by making a passing score on the Advanced Placement Exam administered in May.

AP PSYCHOLOGY

Prerequisite: Psychology I, Teacher recommendation

1 Credit

Grades 10-12

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub fields within psychology. Students also learn about the methods psychologists use in their science and practice.

AP WORLD HISTORY

Prerequisite: Teacher recommendation

1 Credit

Grade 10

The purpose of the AP History course is to develop a greater understanding of the evolution of global processes and contacts in interactions with different types of human societies. The understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on cultural, institutional and technological precedents that, along with geography, set the human stage. College credit can be obtained by making a passing score on the Advanced Placement Exam administered in May.

WORLD LANGUAGES

AP SPANISH LANGUAGE

Prerequisite: Spanish 3 or 4, teacher recommendation

1 Credit

Grades 10-12

If you want to develop your language skills, this is a great opportunity to do so. At the end of this course you will be able to establish a conversation with any speaker of Spanish. You will be able to understand and enjoy any Hispanic broadcast or television program. Earn college credits while you enjoy this adventure.

VISUAL AND PERFORMING ARTS

AP 2-D ART & DESIGN

Prerequisite: Teacher Recommendation

1 Credit

Grades 10-12

Performing Art Credit. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios—2-D Design, 3-D Design, and Drawing—corresponding to the most common college foundation courses.

AP DRAWING

Prerequisite: Teacher Recommendation

1 Credit

Grades 10-12

Performing Art Credit. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios—2-D Design, 3-D Design, and Drawing—corresponding to the most common college foundation courses.

AP 3-D ART & DESIGN

Prerequisite: Teacher Recommendation

1 Credit

Grades 10-12

Performing Art Credit. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios—2-D Design, 3-D Design, and Drawing—corresponding to the most common college foundation courses.

AP ART HISTORY

Prerequisite: Teacher recommendation, must have taken & passed a previous AP Course

1 Credit

Grade 10-12

Performing Art Credit. AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history. In the course, students examine major forms of artistic expression from the ancient world to the present and from a variety of cultures. They learn to look and analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. A meaningful way to experience works of art is learning to frame an understanding that relates how and why works of art communicate visual meaning

ADVANCED PLACEMENT MUSIC THEORY

Prerequisite(s): Teacher Recommendation Corequisite: Music Course

1 Credit

Grades 11-12

This course contains the study of fundamental terminology, notational skills, key signatures, and transposition. Two-part counterpoint, harmonization of melodies and four-part realization of figured bass symbols will be studied. Extensive melodic, rhythmic, and harmonic ear training will be included. Students are required to take the advanced placement exam in the spring.

COMPUTER SCIENCE

AP COMPUTER SCIENCE PRINCIPLES

Prerequisite(s): Geometry Honors, Teacher Recommendation

1 Credit

Grades 9-12

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying fundamentals of computing including problem solving, working with data, understanding the Internet, cybersecurity, and programming. The course will introduce students to the creative aspects of abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, computing impacts and programming. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions.

AP COMPUTER SCIENCE A

Prerequisite(s): AP Computer Sci Principles, Teacher Recommendation

1 Credit

Grades 10-12

AP Computer Science A 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 object-oriented and imperative problem solving and design using the Java language. The course curriculum encourages skill development among students considering a career in **computer science** or other **STEM** fields.

ENGLISH/READING DEPARTMENT

ENGLISH I HONORS

1 Credit

Grade 9

The purpose of this course is to provide promote academic excellence in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. Students will experience the theme of coming of age through using reading strategies to construct meaning from informative, technical, and literary texts; acquiring an extensive vocabulary through reading, discussion, listening, and systematic word study; using process writing strategies, student inquiry, and self-monitoring techniques; using speaking, listening, and viewing strategies in formal presentations and informal discussions; understanding and responding to a variety of literary forms; and understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers.

ENGLISH II HONORS

1 Credit

Grade 10

The purpose of this course is to provide promote academic excellence in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. Students will experience the theme of culture through using reading strategies to construct meaning from informative, technical, and literary texts; acquiring an extensive vocabulary through reading, discussion, listening, and systematic word study; using process writing strategies, student inquiry, and self-monitoring techniques; using speaking, listening, and viewing strategies in formal presentations and informal discussions; understanding and responding to literary forms; and understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers.

ENGLISH III HONORS

1 Credit

Grade 11

The purpose of this course is to provide promote academic excellence in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. Students will experience the theme of the American Dream through process writing strategies, student inquiry, and self-monitoring techniques; using speaking, listening, and viewing strategies in formal presentations and informal discussions; understanding and responding to a variety of literary forms; and understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers.

ENGLISH IV HONORS

1 Credit

Grade 12

The purpose of this course is to provide promote academic excellence in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. Students will experience a variety of texts through process writing strategies, student inquiry, and self-monitoring techniques; using speaking, listening, and viewing strategies in formal presentations and informal discussions; understanding and responding to a variety of literary forms; and understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers.

ENC 1101/1102 (HCC DUAL ENROLLMENT)

Prerequisite: 3.0 unweighted GPA, Qualifying Test Scores on SAT/ACT or PERT

2 Credits

Grade 12

Dual Enrollment English is a college level English class. Credit for the course is awarded through Hillsborough Community College. The course prepares students for the academic rigor of writing in college, writing argumentative, and writing about literature.

CREATIVE WRITING I

.5 Credit

Grades 9-12

This is a semester course designed for the student who enjoys expressing himself or herself through writing. In this course you will explore the genres of poetry, short stories, and essays; and you will get a chance to tap into your creative spirit and publish your work. If you want to improve your writing and thinking, this is the class for you.

CREATIVE WRITING II

Prerequisite: Creative Writing I

.5 Credit

Grades 9-12

This is a course for students who want to hone specific skills in poetry, short stories, drama, screen-writing and non-fiction through author study, individually directed study and writer's workshop.

CREATIVE WRITING III-IV Honors (Echo)

Prerequisite: Creative Writing II-III, Teacher Recommendation

1 Credit

Grades 10-12

The purpose of this course is to provide a continuation of creative writing studies as well as experience and instruction in working on a student publication staff. In addition to written work, students will receive instruction and workshop experiences in layouts, printing, and other practical aspects of creating a student literary publication.

JOURNALISM I

1 Credit

Grades 9-12

Performing Arts Credit. A comprehensive introduction to Journalism that covers areas such as reporting, interviewing, writing, editing, photography and design. The class focus is to prepare students for future work on school publications. This class is a required prerequisite for those wishing to join the school newspaper or yearbook staff.

JOURNALISM II-IV (Yearbook/Newspaper) & JOURNALISM V HON

Prerequisite: Journalism I, Teacher recommendation

1 Credit

Grades 10-12

The purpose of this course is to provide a continuation of journalism studies as well as experience and instruction in working on a student publication staff. The content should include, but not be limited to, instruction in recognizing and writing news for journalistic media and in developing editorials, sports articles, and feature stories. In addition to written work, students should 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 products may be published.

LITATURE IN THE ARTS I HON (Mythology)

.5 Credit

Grades 10-12

Performing Arts .5 Credit

Explore the mythology of the Ancient Greeks and Romans, as well as the legends and archetypes found in the cultural histories of people from around the world. Designed as a course to broaden exposure to and love of the classics, this course will extend the knowledge and preparedness of the AP Literature student.

DEBATE

1 Credit

Grades 9-12

Performing Arts Credit. This course includes instruction in logical thinking and organization of facts to prepare for a debate. Students will practice research skills related to debate topics and will participate in debate situations. Speech I is a pre-requisite.

SOCIAL MEDIA

.5 Credit

Grades 9-12

The purpose of the course is to explore the different types of social media networks available and how they are used. Topics discussed include privacy issues, etiquette, and the distribution of information through historical and legal perspectives. Concise writing for maximum impact and data metrics to measure viral qualities will be taught through business, marketing, and journalism best practices. Students will be exposed to career opportunities and trends in social media and become more aware of their personal brand online.

SAT/ACT PREP CTS HON

.5 Credit

Grades 10-12

Students taking this course will be taught specific sets of skills for success on college entrance exams such as the SAT and ACT, with a focus on reading comprehension and writing skills. Students will learn how to synthesize information and draw inferences about meaning, purpose and vocabulary in context.

READING

1 Credit

Grades 9-12

Students will be placed in a reading classes based on their previous year's FSA reading score. This course is designed to assist students in passing the FSA ELA benchmark for graduation.

SEMANTICS HONORS

.5 Credit

Grade 9

The focus of the course is on reading and writing about complex texts. Students will be taught note taking strategies to gather evidence to defend claims based on multiple texts on issues of importance. Students will also be prepared for college entrance exams through comprehension exercises and vocabulary building.

LITERATURE & ARTS 2 Hon (Women's Studies)

.5 Credit

Grades 9-12

Performing Arts .5 Credit

Through a study of women's literature, scholarship, and representation in mass media we will explore our understanding women's roles in culture, history, and society.

MATHEMATICS DEPARTMENT

ALGEBRA 1 A

1 Credit

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions.

ALGEBRA 1B

1 CREDIT

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions logical subject that makes use of their ability to make sense of problem situations.

LIBERAL ARTS MATH

1 CREDIT

This course will revisit key concepts from Algebra 1 and incorporate concepts from Geometry to prepare you for your mathematical future.

ALGEBRA 1

1 credit

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. This course emphasizes relationships between quantities, reasoning with equations, linear and exponential relationships, expressions, equations, descriptive statistics, and quadratic functions. The student will be introduced to the scientific and/or graphing calculator. This course has an EOC test required for graduation.

ALGEBRA 1 HONORS

Prerequisite: Level 4 Math FSA, Teacher Recommendation

1 Credit

This course provides a rigorous foundation for more advanced mathematics and science courses and develops the skills needed to solve mathematical problems. This course emphasizes relationships between quantities, reasoning with equations, linear and exponential relationships, expressions, equations, descriptive statistics, and quadratic functions. The student will be introduced to the scientific and/or graphing calculator. This course has an EOC test required for graduation.

GEOMETRY

Prerequisite: Algebra 1

1 Credit

This course emphasizes critical thinking involving relationships, their proofs, and skill in applying the inductive method to mathematical situations. The student will be required to use a scientific calculator. This course is a prerequisite for Algebra 2.

GEOMETRY HONORS

Prerequisite: Algebra 1 Honors. Teacher Recommendation

1 Credit

This rigorous course gives in-depth study of the relationships in geometry, their proofs, and skill in applying the inductive method to mathematical situations. This course is a prerequisite for Algebra 2 Honors, Pre-Calculus, and Calculus. The student will be required to use a scientific calculator.

MATH FOR COLLEGE READINESS

Prerequisite: Algebra 1 & Geometry

1 Credit

Grades 10-12

This course is for students who need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

ALGEBRA 2

Prerequisite: Algebra 1 and Geometry

1 Credit

This rigorous course continues the study of the structure of Algebra and provides the foundation for applying these skills to other mathematical and scientific fields. Polynomial functions, rational functions, radical functions, trigonometric functions, modeling with functions, inferences and conclusions from data, and applications of probability will be emphasized. A graphing calculator will be used in this course. This is the entry level course for college mathematics.

ALGEBRA 2 HONORS

Prerequisite: Algebra 1 Honors and Geometry Honors, Teacher recommendation

1 credit

This course presents in-depth study of the topics of Algebra 2 (polynomial functions, rational functions, radical functions, trigonometric functions, modeling with functions, inferences and conclusions from data, and applications of probability) with emphasis on theory, proof and development of formulas, as well as their application. A graphing calculator is required. This is a pre-requisite course for Pre-Calculus and Calculus.

PRE-CALCULUS HONORS

Prerequisite: Algebra 2 Honors & Teacher Recommendation

1 Credit

Grades 10-12

This course emphasizes trigonometric functions and their applications, the extension of polynomial functions, and the concept and theory of limits. There will be extensive use of the graphing calculator. This is a prerequisite course for Calculus.

MATH ANALYSIS HONORS

Prerequisite: Algebra 2 or Algebra 2 Honors, Teacher Recommendation

.5 Credit

Grade 11-12

This course will enable students to extend their knowledge of functions, acquire additional modes of mathematical reasoning at an introductory level, and develop the skills necessary for the study of Calculus. The student will be required to use a graphing calculator. This course is paired with Trigonometry honors. Math Analysis is also offered as a semester course to seniors who have successfully completed pre-calculus.

TRIGONOMETRY HONORS

Prerequisite: Algebra 2 or Algebra 2 Honors, Teacher Recommendation

.5 Credit

Grades 11-12

This course provides students with the study of circular and trigonometric functions and their applications. This course is paired with Math Analysis honors.

ADVANCED TOPICS

Prerequisite: Algebra 2 or Algebra 2 Honors

1 Credit

Grades 11-12

This course strengthens the mathematical skills of college bound students who seek more proficiency before moving to other more advanced mathematics courses.

FINANCIAL ALGEBRA

Prerequisite: Algebra 1 & Geometry

1 Credit

Grade 12

The financial literacy focus of this course provides a real-life framework to apply upper-level mathematic standards. 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.

STATISTICS HONORS

Prerequisite: Algebra 2 with teacher recommendation

1 Credit

Grade 11-12

An interactive mathematical introduction to probability theory and statistical methods including data collection, simulation, summarization, correlation, regression, probability, estimation, sampling distributions, and confidence intervals.

SCIENCE DEPARTMENT

ANATOMY AND PHYSIOLOGY HONORS

Prerequisite(s) or Co-Req: Chemistry 1 Honors-C or AP Biology

1 Credit

Grades 10-12

The purpose of this course is to provide students with advanced exploratory experiences and activities in the fundamental concepts of life. This course expands the biological concepts introduced earlier life science courses, and refines these concepts and presents additional facts, concepts and generalizations. The content should include, but not be limited to, scientific method, scientific measurement, laboratory safety and use of laboratory apparatus, biochemistry, cell biology, cell reproduction, genetics, biological changes through time, microorganisms and disease, and human anatomy and physiology.

ASTRONOMY SOLAR/GALACTIC HONORS

Prerequisite(s) or Co-Req: Chemistry 1 Hon, Teacher Recommendation

1 Credit

Grades 11-12

The purpose of this course is to provide the student with a study of the universe and the conditions, properties, and motions of bodies in space. The content shall include, but not be limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar and earth-moon system, earth's motion and the measurement of time, laws of planetary motion, stars, solarometry, major scientific theories of cosmology, and discoveries from planetary missions.

BIOLOGY 1

1 Credit

Grade 9

The purpose of this course is to provide exploratory experiences and laboratory and real-life applications in the biological sciences. The content should include the following: 1) the nature of science, 2) matter, energy, and chemical processes of life, 3) cells: biology, reproduction, and communication, 4) genetics: principles, molecular basis, diversity, and biotechnologies, 5) levels of organization, classification, and taxonomy, 6) structure, function, and reproduction of plants, animals, and microorganisms, 7) behavior of organisms, 8) interdependence of organisms, humans, and the environment, 9) biological selection, adaptations, and changes through time, 10) agricultural, food, and medical technologies, and 10) careers.

BIOLOGY 1 HONORS

Prerequisite(s): Physical Science Honors-C or Comprehensive Science III/8th Grade Science-A, Teacher Rec

1 Credit

Grade 9

The purpose of this course is to provide students with advanced exploratory experiences and activities in the fundamental concepts of life. This course expands the biological concepts that were introduced earlier and refines these concepts and presents additional facts, concepts and generalizations. The content should include, but not be limited to, scientific method, scientific measurement, laboratory safety and use of laboratory apparatus, biochemistry, cell biology, cell reproduction, genetics, biological changes through time, classification and taxonomy, microorganisms and disease, structure and function of plants, structure and function of animals, human anatomy and physiology, and ecological relationships.

CHEMISTRY I

Prerequisite(s): Algebra I, Biology I H or Biology I–C Co-requisite: Geometry

1 Credit

Grades 10-11

The purpose of this course is to study the composition, properties, and changes associated with matter and their applications. The content should include, but not be limited to, the following: the nature of science, matter: its classification, structure, and changes, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions and balanced equations, reaction rates and equilibrium, acids and bases, oxidation and reduction, behavior of gases, dynamics of energy, and the chemistry of life.

CHEMISTRY 1 HONORS

Prerequisite(s): Algebra I, Geometry, and Biology I Honors, Teacher Recommendation

Co-requisite: Algebra II or Trigonometry

1 Credit

Grade 10

The purpose of this course is to provide students with a rigorous study of the composition, properties, and changes associated with matter, and their applications. The content includes: heat, changes of matter, atomic structure, periodic table, bonding, formulas and equations, mole concept, gas laws, energy and order, reaction rates and equilibrium, solutions: acids, bases, salts, nuclear chemistry, electrochemistry, and organic chemistry.

EARTH/SPACE SCIENCE

Prerequisite(s): Physical Science or Chemistry I

1 Credit

Grades 11-12

The purpose of this course is to provide opportunities for students to develop concepts basic to the earth, its materials, processes, history and environment in space. The content shall include, but not be limited to, origin of the universe and solar system, life cycle of stars, Earth-Moon system, U.S. manned space program and exploration, formation of igneous, sedimentary, metamorphic rocks and identification of minerals, divisions of the earth, formation of land forms and basic mountain types, fundamental plate tectonics, formation of rivers and water systems, erosion, mass movements, wind, glaciers, hydrologic cycle, oceanography and ocean currents, meteorology, cloud types, weather mapping, soil composition, geologic periods and fossils, and renewable and non-renewable energy resources.

FORENSIC SCIENCES I HONORS

Prerequisites: Physical Science – B or Co-requisite Chemistry I, Teacher Recommendation

1 Credit

Grades 10-12

Forensic Science I is an integrated science course that enables students to experience the application of the sciences to the investigation of a crime. Students will be introduced to the basic concepts of forensics through a core-based course using, but not limited to, scientific evidence, critical argument, deductive reasoning, problem solving, and reporting media. Issues related to justice and society are introduced within a forensic context. Laboratory investigations which 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.

MARINE SCIENCE

Prerequisite(s): Biology

1 Credit

Grades 10-12

The content should include, but not be limited to, the following: the nature of science; the origins of the oceans; the chemical, physical, and geological aspects of the marine environment; ecology of various sea zones; marine communities; the diversity of marine organisms; characteristics of major marine phyla/ divisions; and, the interrelationship between humans and the ocean. Field experiences and related laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course.

MARINE SCIENCE 1 HONORS

Prerequisite(s): Biology I Honors-B or AP Biology, Teacher Recommendation

1 Credit

Grades 10-12

The purpose of this course is to provide an overview of the marine environment. The content should include an in-depth inquiry into the following: the nature of science; the origins of the oceans; the chemical, physical, and geological aspects of the marine environment; ecology of various sea zones; marine communities; the diversity of marine organisms; characteristics of major marine phyla/ divisions; and, the interrelationship between humans and the ocean. Additional requirement for enriched studies will be provided through field experiences and related laboratory investigations of select topics in the content.

PHYSICAL SCIENCE

1 Credit

Grades 9-10

The purpose of this course is to provide opportunities to investigate the theories and ideas associated with a holistic view of the physical sciences chemistry and physics. The content should include, but not be limited to, the following: unifying concepts and processes of science, structure of atoms, structure and properties of matter, chemical reactions, entropy and conservation of energy, interactions of energy and matter, motions and forces, and interactions among science, technology, and society. Laboratory experiments which include inquiry, experimental design, measurement, and safe use of laboratory materials, are an integral part of this course.

PHYSICS I HONORS

Prerequisite(s): Algebra II and Chemistry I Honors, Teacher Recommendation

Pre/Co-requisite: Trigonometry-B or Higher Math

1 Credit

Grades 11-12

The purpose of this course is to provide opportunities to study the concepts, theories, and laws governing the interaction of matter, energy, and the forces, and their applications through exploratory investigations and activities. The content shall include, but not be limited to, kinematics, dynamics, energy, work and power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, nuclear physics, and interactions among science, technology, and society.

SOCIAL STUDIES DEPARTMENT

US GOVERNMENT HONORS

.5 Credit

Grade 9

The purpose of this course is to provide students with the opportunity to acquire a comprehensive understanding of American government and political behavior. Students should expect lively discussions, role play and simulation activities. Projects that emphasize civic engagement are a planned component of the curriculum.

WORLD HISTORY HONORS

1 Credit

Grade 10

The purpose of World History Honors is to provide students with the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about the 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 course is an understanding of interpretation and the issues of external and internal validity.

UNITED STATES HISTORY HONORS

1 Credit

Grade 11

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.

US HISTORY HCC DUAL ENROLLMENT (AMH2010 & AMH2020)

Prerequisite: 3.0 unweighted GPA, qualifying test scores on SAT/ACT or PERT.

1 Credit

Grade 11

Dual Enrollment United States History offers students the challenge of taking U.S. History for both high school and college credit at Hillsborough Community College. This course fulfills their U.S. History requirement for graduation.

AFRICAN-AMERICAN HISTORY

.5 Credit

Grades 9-12

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.

LAW STUDIES

.5 Credit

Grades 9-12

The purpose of this course is to provide students with a firsthand opportunity to study and understand the criminal justice system. It includes the study of juvenile law, rights of the accused, and a critical analysis of courtroom procedures. (Criminal Law) Students should expect lively discussions, guest speakers, and possible field trips.

COURT PROCEDURES

Prerequisite: Law Studies

.5 Credit

Grades 9-12

The purpose of Court Procedures is an in-depth approach to the workings of our criminal and justice systems.

ECONOMICS HONORS

.5 Credit

Grade 12

The purpose of this course is to provide students with the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants. The students will be introduced to the distinguishing characteristic of other types of economic systems with particular attention to the American mixed, market system. The major emphasis is to supply the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems.

LEGAL SYSTEMS AND CONCEPTS

Prerequisite: Law Studies

.5 Credit

Grades 9-12

Legal Systems and Concepts course consists of the following content area strands: American History, World History, Geography, Humanities, Economics, Civics and Government. The primary content for the course pertains to the examination of the American legal system and the nature of specific rights granted under the United States Constitution. Content will include, but is not limited to, the historical antecedents of laws and the basis for the creation of laws, the background, principles and applications of the United States Constitution, the rights protected by the Constitution and precedent-setting cases related to these rights, the process for enacting criminal laws at the state and local levels, the stages of the criminal justice system, the government and private agencies which provide services to individuals accused of crimes, the citizen's role in the legal system, the role of women and diverse cultural groups within the justice system, and careers in the justice system.

SOCIOLOGY

.5 Credit

Grades 9-12

Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.

PSYCHOLOGY I

.5 Credit

Grades 9-12

Psychology I, an introductory course, is designed to help the student understand the workings of the mind during high school years. Exploration of different ways a person deals with interpersonal relationships with friends and family. Basic psychological principles of personality will be discussed and analyzed.

PSYCHOLOGY II

Prerequisite: Psychology I

.5 Credit

Grades 9-12

This course is designed to help students gain a better understanding of themselves and others. The areas of interaction, motivation, perception, and stress will be covered.

PHILOSOPHY HONORS

.5 Credit

Grades 10-12

The learner will explore the foundations of philosophy through a historical exploration of the great thinkers. The course will focus on the definition and application of philosophy, appropriate vocabulary, and the notion that everyone should be engaged in the ‘doing’ of philosophy. Lively discussion, individual and group projects and presentations are a part of the course

THE HISTORY OF THE VIETNAM WAR

.5 Credit

Grades 9-12

This course provides students the opportunity to acquire an understanding of the chronological development of the Vietnam War by examining the political, economic, social, religious, military and cultural events that affected the war. Students should expect lively discussions, guest speakers, and possible field trips.

HOLOCAUST

.5 Credit

Grades 9-12

During the Second World War, more than six-million Jews and five-million non-Jews were singled out to be brutally murdered by Germany’s NAZI party. This class will examine the Holocaust and the events that led up to one of the most well documented and horrific events of the 20th Century. Similar genocides – affecting different ethnic groups – will also be examined, including those in Armenia, Cambodia, and Darfur. Students should expect lively discussions, guest speakers, and possible field trips.

WORLD RELIGIONS

.5 Credit

Grades 9-12

Where did we come from? Why are we here? What happens after we die? People answer these “big questions” differently. By studying religions from around the world, students will learn how diverse cultures satisfy their spiritual needs. Religions to be discussed include Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. All traditions shall be respected and discussed in an academic setting. Students should expect lively discussions, guest speakers, and possible field trips.

FIRST YEAR EXPERIENCE ORIENTATION (HCC DUAL ENROLLMENT: SLS1106)

Prerequisite: Unweighted GPA 3.0

.5 Credit

Grades 10-12

The interdisciplinary course empowers students by preparing them for a successful college experience and providing them with additional opportunities to develop intellectual potential and life skills. It enhances student understanding of library resources, student services and other areas of academic support. Topics include goal assessment, time management, power reading, critical and creative thinking, test taking, memory, note taking, communication skills, study techniques.

WORLD LANGUAGES DEPARTMENT

SPANISH 1

1 Credit

Engage in conversation, express feelings and emotions, and exchange opinions, all in Spanish. Communicate in writing using vocabulary in past, present or future events. Transport yourself from the classroom and into authentic Spanish speaking countries through culture.

SPANISH II

Prerequisite: Spanish 1

1 Credit

Strengthen your skills obtained in Spanish 1 and learn reading and listening strategies in the target language. English Grammar Connections help students make the link between Spanish and English and reinforces skills needed for the FSA.

SPANISH III HONORS

Prerequisite: Spanish II, Teacher Recommendation

1 Credit

Students will continue to learn Spanish and Spanish literature. Students will also develop advanced communicative skills and cross-cultural understanding. Advanced skills in listening, speaking, reading, writing, and grammar will be taught in class.

SPANISH IV HONORS

Prerequisite: Spanish III, Teacher Recommendation

1 Credit

Students will continue to learn Spanish and Spanish literature. Students will also develop advanced communicative skills and cross-cultural understanding. Advanced skills in listening, speaking, reading, writing, and grammar will be taught in class.

FRENCH 1

1 Credit

Students will be introduced to the French language and Francophone culture. The students will also develop communicative skills and cross-cultural understanding. The content includes beginning skills in listening and speaking, introduction to reading, writing, and the fundamentals of grammar.

FRENCH II

Prerequisite: French 1

1 Credit

Students will continuously be introduced to the French language and Francophone culture. Students will also develop communicative skills and cross-cultural understanding. The content includes more advanced skills in listening, speaking, reading, writing, and grammar.

FRENCH III HONORS

1 Credit

Prerequisite: French II, Teacher Recommendation

Students will continue to be introduced to the French language and Francophone culture in a more advanced manner. Students will also develop communicative skills and cross-cultural understanding. The content includes more advanced skills in listening, speaking, reading, writing, and grammar.

FRENCH IV HONORS

Prerequisite: French III, Teacher Recommendation

1 Credit

Students will continue to be introduced to the French language and Francophone culture in a highly advanced manner. Students will also develop communicative skills and cross-cultural understanding. The content includes highly advanced skills in listening, speaking, reading, writing, and grammar.

GERMAN 1

1 Credit

Grades 9-12

German 1 is an introduction to the German language and culture. There will be culturally appropriate projects as well as verbal and written assessments. This class will prepare students for German 2.

PHYSICAL EDUCATION - DRIVERS ED DEPARTMENT

DRIVER EDUCATION

.5 Credit

Grades 9-12

Lab Fee: \$40 Must be 15 yrs. of age or older, have parent/legal guardian permission.

This course will introduce students to the highway transportation system and to driving strategies which will help develop their knowledge and skills needed to become safe drivers. Specific content includes: (1) instruction within a classroom using textbooks and the State of Florida's Driving Handbook, (2) instruction within a laboratory environment (use of a driving simulator), and (3) instruction in vehicle control and traffic procedures using an automobile on the driving range and in real life traffic situations. Areas to be covered include defensive driving strategies, natural laws and their application to driving, energy efficient and safe, enjoyable vehicle ownership, physical and mental factors, legal and moral obligations, knowledge of motorcycle operations and interactions in the highway transportation system, planning for safe travel, and a comprehensive study of the effects of alcohol and drugs on driving performance.

HOPE

1 Credit

Grades 9-12

This course name stands for Health Opportunities through Physical Education and explores relative issues that face teenagers regarding drugs, sexuality, nutrition, fitness, social interactions, and decision making. This course is a graduation requirement. Addressing practical application for lifetime decisions affecting health and fitness, the group dynamics and socialization this course offers addresses the problems associated with a sedentary lifestyle that has become prevalent in our American society. You will have an opportunity to assess your fitness level while actively participating for three days in various sport activities and two days in the classroom. There is no substitute for hands-on fitness activities, health experts as speakers, and group projects with classroom and activity days.

TEAM SPORTS 1 & 2

.5 Credit

Grades 9-12

Basketball, Volleyball, Flag Football, Soccer, and Softball comprise a course for those students that like to actively play sports as a member of a team in a fun and competitive environment. Lace up your shoes and get ready to play ball!

WEIGHTS 1

.5 Credit

Grades 9-12

Step into the nicest weight facility in the district and challenge yourself to get fit while learning the various muscle groups and those exercises and lifts that will transform your body into the new you. Males get bigger faster and stronger, while females get toned and fit and look your best! Experience the spin bikes, treadmills, power racks, dumbbell racks, physio balls, power pentathlon, world's strongest, personal challenges, and our male and female record board.

WEIGHTS 2

Prerequisite: Weights 1

.5 Credit

Grades 9-12

Another opportunity to take a semester of weight training and build on the exciting gains and experiences from your first class.

WEIGHTS 3

Prerequisite: Weights 2

.5 Credit

Grades 10-12

Once you develop the routine of working-out and notice the gains in our surround room mirrors, you won't get enough of this course and will want another semester with us.

POWER WEIGHT TRAINING 1

.5 Credit

Grades 10-12

Continuing with your total body development through our popular weight training program, we offer another semester of weight training for those students that have enjoyed their progressive development in our previous courses. This student is serious about participating in our body building contest and show.

COMPREHENSIVE FITNESS

.5 Credit

Grades 10-12

Continuing with our theme of developing your body to maximize your potential, we offer this class as an additional opportunity to be part of the Steinbrenner Weights Program!

BASKETBALL 1

.5 Credit

Grades 9-12

Want to hoop it up and possibly grab the attention of our basketball coaches? Three on three tournaments, knock out, 21, and just a chance to play your favorite game on the hardcourts of our beautiful gym.

BASKETBALL 2

Prerequisite: Basketball 1

.5 Credit

Grades 9-12

Didn't get enough basketball? Sign up for one more semester!! Three on three tournaments, knock out, 21, and just a chance to play your favorite game on the hardcourts of our beautiful gym.

SOCCER

.5 Credit

Grades 9-12

A very popular offering with our students as they are afforded the many venues to show off their skills from the green pitch outside to short side court soccer or indoor soccer in our spacious gym. All skill levels are welcome as you may want to learn the game or just play recreationally with your classmates.

VOLLEYBALL 1

.5 Credit

Grades 9-12

Bump, set, spike; forearm pass, overhead set, kill. Learn team power volleyball and you won't want to play anything else as you will love the opportunity to play with others in our gym in regulation games. Class tournaments, challenges, two person beach volleyball format, regulation 6 v 6 most of the time, as you experience the fun and competitive challenge of playing REAL volleyball.

VOLLEYBALL 2

Prerequisite: Volleyball 1

.5 Credit

Grades 9-12

After your first semester of volleyball you will no doubt be running to sign up again to get back into our new gym and get your game on. See you for your second semester of power volleyball!

WRESTLING 1 & 2

.5 Credit

Grades 9-12

This Class will teach students about amateur wrestling. This class will include how wrestling is scored, proper training techniques to be a successful wrestler. Students will learn many different wrestling moves that will help them understand and perform at a high level. Students will leave this class with a greater understanding and appreciation for the sport of wrestling.

GOLF 1

.5 Credit

Grades 9-12

The purpose of this course is to provide students with opportunities to acquire knowledge and skills in golf that may be used in recreational pursuits today as well as in later life (application of putter, irons, woods and rules).

GOLF 2

Prerequisite: Golf 1

.5 Credit

Grades 9-12

The purpose of this course is to further develop and provide students with additional opportunities in expanding their knowledge and skills of golf so that they may be used in recreational pursuits and other opportunities (application of putter, irons, woods and rules).

TENNIS 1

.5 Credit

Grades 9-12

With emphasis on Tennis, beginners will benefit from basic skills, and class tournaments will challenge the competitive players. Other net games with racquets will also be played, including badminton, ping pong, and pickle ball. All equipment is provided.

TENNIS 2

Prerequisite: Tennis 1

.5 Credit

Grades 9-12

With emphasis on tennis, students will continue to develop their skills in group and individual play. Students will enjoy pickle ball doubles competition in five indoor courts in the gym as well as outdoor court tennis. All equipment is provided.

SOFTBALL

.5 Credit

Grades 9-12

For the many ball players at Steinbrenner you will want to showcase your skills or improve your game as you take to the diamond with glove, bat, and ball for slow pitch softball. Fun competitive play with challenging tournaments will highlight a class taught by one of our highly qualified instructors. Everybody hits, everybody scores!! No equipment required.

FINE ARTS DEPARTMENT

DIGITAL ART IMAGING 1

1 Credit

Grades 9-12

Explore the limitless possibilities with digital photography. This course teaches students how to alter and manipulate digital photographs, making your already great pictures amazing. The course offers students the opportunity to earn Industry Certifications in Adobe Photoshop and Illustrator. Digital media will include photography, video, animation, graphic design, and 3D printing. Supply Fee of \$20.00.

DIGITAL ART IMAGING 2, 3

Prerequisite: Digital Art Imaging 1-2, Teacher Recommendation

1 Credit

Grades 10-12

This course allows students to advance their digital art with more in depth and explorative projects. Take what you already know from Photo1 and apply it on a much bigger scale. This class will allow you to explore larger sized photographs and conceptual applications to photography. With a focus on researching artists, we develop skills in printmaking, collage, video, and 3D modeling. Supply Fee of \$20.00.

CERAMICS & POTTERY 1

1 Credit

Grades 11-12

Ever wanted to make your own cups, bowls, jars and tiles? We will be hand building all of these objects out of clay, including whistles in Ceramics 1. Learn how fire and earth come together, giving us full creative potential to make just about anything! A must have class for both artists and non artists. Supply Fee of \$30.00

CERAMICS & POTTERY 2

Prerequisite: Ceramics and Pottery 1, Teacher Recommendation

1 Credit

Grades 11-12

Take your knowledge of clay from Ceramics 1 and apply it towards even more amazing and challenging projects. We will also be fully exploring the use of the potter's wheel, allowing you to master the techniques needed to mass produce functional pottery. Supply Fee of \$30.00

CREATING 2-DIMENSIONAL ART

.5 Credit

Grades 9-12

Have you wanted to find out if you have a talent for art? Then this beginning art course is for you! You will learn the elements of art and principles of design while creating a beautiful drawing, watercolor, linoleum print, or collage. Art media, careers and art history will be introduced. Supply Fee of \$10.00.

CREATING 3-DIMENSIONAL ART

.5 Credit

Grades 9-12

This class will give students an introduction into the world of sculpture. You will be using a variety of three dimensional materials to take your ideas from the planning stage to the finished product. A heavy emphasis will be placed on sculpting with clay, making this a perfect class as an introductory to Ceramics and Pottery 1.

2D ART 1 & 2

1 Credit

Grades 9-12

What is Art? Art involves seeing, but seeing effectively is a special skill. In Painting and Drawing 1 you will acquire the basic knowledge and philosophy of art. You will learn how to interpret artwork: What is the painting expressing? What is its content? From realistic pencil drawings to acrylic paintings you will create work and assemble your first portfolio! Supply Fee of \$10.00.

PORTFOLIO

Prerequisite: 2D Studio Art 1, Teacher Recommendation

1 Credit

Grades 10-12

This class is designed for the advanced two dimensional art student who has fulfilled the prerequisites. You will be given the opportunity to explore your own artistic vision in a more in depth manner and have more creative freedom than in previous art courses. Supply Fee of \$10.00.

KEYBOARD I

1 Credit

Grades 9-12

Interested in learning to play piano or learning to read music? Work at your own pace as you learn simple songs and have fun as you gain confidence in your musical abilities. Students must provide their own earphones or headset.

KEYBOARD II, III, & IV

Prerequisite(s): Keyboard I thru III, Teacher Recommendation

1 Credit

Grades 10-12

Continue developing your piano skills as you progress to more advanced music and a variety of musical styles. You will be pleased with your level of expertise, as you are able to master some of the songs you enjoy outside of school! Students must provide their own earphones or headset.

GUITAR I

1.0 Credit

Grades 9-12

Have you always wanted to learn to play guitar? This course teaches you basic skills—like how to tune the instrument, how to play basic chord progressions, and lead guitar fingerings. You'll be rocking out before you know it! Students are required to purchase the guitar lesson book. \$20.00 fee plus \$45.00 guitar rental if needed.

GUITAR II

Prerequisite(s): Guitar I

1 Credit

Grades 10-12

This course teaches advanced guitar skills including tuning the instrument, maintenance, how to play advanced chord progressions, and lead guitar fingerings. Students are required to purchase the guitar lesson book. \$20.00 fee plus \$45.00 guitar rental if needed.

CHORUS I – IV, V-VI

Prerequisite: Teacher Recommendation

1 Credit

Grades 9-12

Steinbrenner's Varsity Chorus Rocks! Become part of a very active, exciting performance class which will offer you the opportunity to learn to sing better, to perform with one of the best choruses around, and to nurture that part of you that wants to make music and share it with others! Note: you NEVER have to sing by yourself! Students are expected to attend a few after-school rehearsals and 5 evening performances each year. Class fee of \$60.00 plus Chorus performance uniform rental fee of \$27.00 per year.

VOCAL TECHNIQUES I-IV (HIGH PROFILE- Girls only)

Prerequisite: Teacher Recommendation

Selected by Audition, must also be enrolled in Chorus I-IV

1 Credit

Grades 9-12

"High Profile" is a select performance ensemble for advanced musicians who want the benefits of personal voice training and opportunities to sing in small ensembles. Students will learn Barbershop, Broadway, Madrigals, Doo-Wap and A Cappella Jazz and as well as advanced choral music. Our goal is to have you performing ASAP! Students are expected to attend occasional after-school rehearsals and all scheduled performances. Class fee of \$95.00 plus uniform rental of \$37.00.

VOCAL ENSEMBLE I – IV (ENTOURAGE – Boys and Girls)

1 Credit

Grades 10-12

Prerequisite: Teacher Recommendation. Selected by Audition Student must also be enrolled in Chorus I-IV

"Entourage" is Steinbrenner's hot Show Choir. This is an opportunity for the most advanced choral students to learn to perform pop, rock, jazz, and country music and to develop the skills necessary to be good entertainers. This special group performs many times during the year, in venues all over the Tampa area. Students are expected to attend after-school rehearsals each week and all scheduled performances. Students are also expected to purchase the Entourage performance uniform and the Entourage jersey. Class fee of \$95.00 plus uniform rental of \$37.00.

BAND I

Prerequisite(s): Instructor Approval required

1 Credit

Grade 9

The purpose of this course is to enable students to develop basic technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students are required to participate in rehearsals and performances outside of school hours. There will be fees associated with this course.

BAND II

Prerequisite(s): Instructor Approval required

1 Credit

Grade 10

The purpose of this course is to enable students to develop intermediate-level technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students are required to participate in rehearsals and performances outside of school hours. There will be fees associated with this course.

BAND III

Prerequisite(s): Instructor Approval required

1 Credit

Grade 11

The purpose of this course is to enable students to develop proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students are required to participate in rehearsals and performances outside of school hours. There will be fees associated with this course.

BAND IV

Prerequisite(s): Instructor Approval required

1 Credit

Grade 12

The purpose of this course is to enable students to develop consistently proficient technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students are required to participate in rehearsals and performances outside of school hours. There will be fees associated with this course.

BAND V HONORS

Prerequisite(s): Instructor Approval required

1 Credit

Grades 11-12

The purpose of this course is to enable students to develop advanced technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students will be required to create a portfolio and complete additional district requirements. Students are required to participate in rehearsals and performances outside of school hours. There will be fees associated with this course.

BAND VI HONORS

Prerequisite(s): Instructor Approval required

1 Credit

Grade 12

The purpose of this course is to enable students to develop independent, advanced technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of in-depth skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students will be required to create a portfolio and complete additional district requirements. Students are required to participate in rehearsals and performances outside of school hours. There will be fees associated with this course.

ORCHESTRA I (Concert Orchestra)

1 Credit

Grade 9

The purpose of this course is to enable students to develop basic technical skills on string or other orchestral instruments through the refinement and performance of high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students are required to participate in rehearsals and performances outside of school hours. \$110 annual fee plus uniform costs (\$60.00 female dress, \$120.00 male tux). \$45 instrument rental fee if needed.

ORCHESTRA II (Symphonic Orchestra)

Prerequisite(s): Orchestra I

1 Credit

Grade 10

The purpose of this course is to enable students to develop intermediate-level technical skills on string or other orchestral instruments through the refinement and performance of high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students are required to participate in rehearsals and performances outside of school hours. \$110 annual fee. \$45 instrument rental fee if needed.

ORCHESTRA III (Symphonic Orchestra)

Prerequisite(s): Orchestra II

1 Credit

Grade 11

The purpose of this course is to enable students to develop proficient technical skills on string or other orchestral instruments through the refinement and performance of high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students are required to participate in rehearsals and performances outside of school hours. \$110 annual fee. \$45 instrument rental fee if needed.

ORCHESTRA IV (Symphonic Orchestra)

Prerequisite(s): Orchestra III

1 Credit

Grade 12

The purpose of this course is to enable students to develop consistently proficient technical skills on string or other orchestral instruments through the refinement and performance of high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students are required to participate in rehearsals and performances outside of school hours. \$110 annual fee. \$45 instrument rental fee if needed.

ORCHESTRA V HONORS (Chamber Orchestra)

Prerequisite(s): Instructor Approval required

1 Credit

Grade 11-12

The purpose of this course is to enable students to develop advanced technical skills on string or other orchestral instruments through the refinement and performance of high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students will be required to create a portfolio and complete additional district requirements. Students are required to participate in rehearsals and performances outside of school hours. \$110 annual fee. \$45 instrument rental fee if needed.

ORCHESTRA VI HONORS (Chamber Orchestra)

Prerequisite(s): Instructor Approval required

1 Credit

Grade 12

The purpose of this course is to enable students to develop advanced technical skills on string or other orchestral instruments through the refinement and performance of high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students will be required to create a portfolio and complete additional district requirements. Students are required to participate in rehearsals and performances outside of school hours. \$110 annual fee. \$45 instrument rental fee if needed.

INSTRUMENTAL ENSEMBLE I-IV (Percussion)

Prerequisite(s): Instructor Approval required

1 Credit

Grades 9-12

The purpose of this course is to enable students to develop basic performance skills on a selected instrument in an ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis, and aesthetic response are emphasized. Students are required to participate in rehearsals and performances outside of school hours. There will be fees associated with this course.

JAZZ ENSEMBLE I-IV

Prerequisite(s): Instructor Approval required, Audition Required

1 Credit

Grades 9-12

The purpose of this course is to enable students to develop basic skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature. Students are required to participate in rehearsals and performances outside of school hours. \$110.00 annual fee.

EURHYTHMICS I-IV

Prerequisite(s): Instructor Approval required, Audition Required, Extra Fees required.

1 Credit

Grades 9-12

The purpose of this course is to enable students to develop basic skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band and winterguard. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance. Students are required to participate in rehearsals and performances outside of school hours.

MUSICAL THEATRE I

1 Credit

Grades 9-12

Enjoy singing and dancing? Want to learn how to be more confident on stage? Musical Theatre is a performance class that teaches acting and character development through singing and dancing techniques. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

MUSICAL THEATRE II

Prerequisite: Musical Theatre I

1 Credit

Grades 10-12

This course involves increased concepts in vocal and dance performance, increased script analysis skills, and performance skills. Students are required to participate in rehearsals and performances outside of school hours.

MUSICAL THEATRE III

Prerequisite: Musical Theatre II

1 Credit

Grades 10-12

This course involves increased concepts in vocal and dance performance, increased script analysis skills, and performance skills. Students are required to participate in rehearsals and performances outside of school hours.

MUSICAL THEATRE IV

Prerequisite: Musical Theatre III

1 Credit

Grades 11-12

This course involves increased concepts in vocal and dance performance, increased script analysis skills, and performance skills. Students are required to participate in rehearsals and performances outside of school hours.

THEATRE I

1 Credit

Grades 9-12

This is a performance class that teaches the fundamental skills involved in acting and performance, including improvisation, audition techniques, basic stage terminology and multiple elements of theatre as a collaborative art. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

THEATRE II

Prerequisite: Theatre I

1 Credit

Grades 10-12

This is a performance class that teaches the intermediate skills involved in acting and performance, including improvisation, audition techniques, basic stage terminology and multiple elements of theatre as a collaborative art. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

THEATRE III

Prerequisite: Theatre II

1 Credit

Grades 11-12

This is a performance class that teaches the more advanced skills involved in acting and performances, including improvisation, audition techniques, theatre production and multiple elements of theatre as a collaborative art. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

THEATRE IV

Prerequisite: Theatre III

1 Credit

Grades 12

This is a performance class that teaches the advanced skills involved in acting and performance, including improvisation, theatre production, directing and multiple elements of theatre as a collaborative art. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

ACTING I - IV

Prerequisite: Level Two Drama Classes. AUDITION ONLY

1 Credit

Grades 10-12

The purpose of this course is to enable students to develop and synthesize fundamental elements of theatre arts into final production using varied media, techniques, and processes. This class will produce the fall production, and compete at all festivals. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

TECHNICAL THEATRE I

1 Credit

Grades 9-12

The purpose of this course is to enable students to develop fundamental skills in stagecraft and apply them through practical experiences. This includes but is not limited to set, costume, lighting and sound design, set and costume construction and technical theatre operations. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

TECHNICAL THEATRE II

Prerequisite: Technical Theatre I, Teacher Recommendation

1 Credit

Grades 10-12

The purpose of this course is to enable students to develop intermediate skills in stagecraft and apply them through practical experiences. This includes but is not limited to set, costume, lighting and sound design, set and costume construction and technical theatre operations. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

TECHNICAL THEATRE III

Prerequisite: Technical Theatre II, Teacher Recommendation

1 Credit

Grades 10-12

The purpose of this course is to enable students to develop more advanced skills in stagecraft and apply them through practical experiences. This includes but is not limited to set, costume, lighting and sound design, set and costume construction and technical theatre operations. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

TECHNICAL THEATRE IV

Prerequisite: Technical Theatre III, Teacher Recommendation

1 Credit

Grades 11-12

The purpose of this course is to enable students to develop advanced skills in stagecraft and apply them through practical experiences. This includes but is not limited to set, costume, lighting and sound design, set and costume construction and technical theatre operations. Students are required to participate in rehearsals and performances outside of school hours. Extra Fees required.

THEATER CIN FILM PROD (INTRO TO FILM)

1 Credit

Grades 10-12

The purpose of this course is to provide an introduction to all of the many aspects, roles, and careers associated with the film and entertainment industries. This class studies films from a literary perspective as well as studying techniques. There is a performance element to this class, focusing on basic film techniques and acting for the camera. Extra Fees required.

Career and Technical Programs

Academy of Information Technology

Agriculture

Army Leadership and Education - JROTC

Business Management

Culinary Arts

Exercise Science

Game Design

Sports Marketing

Veterinary Medicine



Career and Technical Programs

Academy of Information Technology

- Computer Fundamentals
- Web Development H
- IT Systems H
- Programming Essentials H
- CyberSecurity Essentials H
- Summer Paid Internship

Business Management

- Digital Information Technology
- Business Entrepreneurship H
- Accounting 1 H
- Accounting 2 H

Game Design

- Digital Information Technology
- Game & Simulation Foundations
- Game & Simulation Design

Sports Marketing

- Sports Marketing Essentials
- Sports Marketing Applications
- Sports Marketing Mgmt H
- Directed Study

Exercise Science

- Medical Skills
- Health Science Anatomy & Physiology H
- Health Science Foundations H
- Exercise Science H

Culinary

- Culinary 1
- Culinary 2
- Culinary 3
- Culinary 4 H
- Culinary Direct Study

Agri-Technology

- Agriscience Foundations H
- Agriculture Communications 2
- Agriculture Communications 3
- Animal Science 2
- Animal Science 3
- Directed Study

Veterinary

- Veterinary Assisting 1
- Veterinary Assisting 2 H
- Veterinary Assisting 3 H
- Veterinary Assisting 4 H

JROTC

- Leadership Education 1
- Leadership Education 2
- Leadership Education 3
- Leadership Education 4

ACADEMY OF INFORMATION TECHNOLOGY

Complete the Academy!

- AOIT Computer Fundamentals
- AOIT Web Development Technologies HONORS
- AOIT IT Systems HONORS
- AOIT Intro to Programming HONORS
- AOIT Cyber Security Fundamentals HONORS
- AOIT Paid Summer Internship



**BE FUTURE
READY**

ACADEMY OF
INFORMATION TECHNOLOGY

COMPUTER FUNDAMENTALS

1 Credit

Grades 9-12

Performing Arts Credit. 1ST SEMESTER - Topics include: Internet protocols, cloud computing, Web browsers, Web searches, effective communication, Web technologies, social networking tools, internet research, patent and licensing practices, security measures, and IT job roles. EARN COMPTIA IT FUNDAMENTALS CERTIFICATION .

2ND SEMESTER - Students will learn gaming programming, web design, design and animation and explore college and careers.

WEB DEVELOPMENT HONORS

Performing Art Credit

1 Credit

Grades 9-12

Prerequisite: DIT or Computer Fundamentals

This course focuses on digital media and advanced web tools. The content includes information technology career research; Digital Design, Image creation and editing, and Web Design; Basic multimedia applications including audio, video, text, creation and editing. Software: Adobe Photoshop, Dreamweaver, EARN ADOBE INDUSTRY CERTIFICATIONS: PHOTOSHOP AND DREAMWEAVER

IT SYSTEMS AND APPLICATION HONORS

Prerequisite: DIT or Computer Fundamentals

1 credit

Grades 10-12

Students will learn how to service, upgrade and maintain hardware and software components of computer systems. Students will completely disassemble and reassemble a computer including peripherals, motherboard components and connectors. Other topics studied include computer security, operating systems, memory and storage, and careers in computer systems. The course is also an introduction to networking which covers networking components, topologies, troubleshooting techniques, the OSI model, protocols, configuring and connecting to a network. Also, students will gain familiarity in global business, multimedia business presentation software, copyright issues, and business ethics. EARN MTA NETWORKING FUNDAMENTALS CERTIFICATION

PROGRAMMING ESSENTIALS HONORS

Prerequisite: DIT or Computer Fundamentals

1 Credit

Grades 10-12

Students will learn programming logic and techniques using Python language. Students will be introduced to software life cycle processes including how to design, write algorithms, document, debug and test programs. Areas of study include variables, operators, functions, objects, classes, control structures, recursion, debugging, manipulating lists and file input/output. Also, students are introduced to the basic concepts of database structure, components and tools using Microsoft Access. The culminating project will have students creating their own computer game. Students will examine various programming career opportunities. EARN MTA INTRO TO PROGRAMMING USING PYTHON CERTIFICATION

CYBERSECURITY ESSENTIALS

Prerequisite: Computer Fundamentals or Digital Information Tech

1 Credit

Grades 10-12

This course is an introduction to cyber security covering topics such as types of cyber-attacks, defense planning, network monitoring, managing network access, and incident response. Students will identify policies and procedures for managing and preventing risks to network security. Students will explore basic cryptography security concepts. Students will learn to recognize and categorize various types of network threats and vulnerabilities. Curriculum uses videos, demonstrations and real-world security simulations. EARN MTA SECURITY FUNDAMENTALS CERTIFICATION

FOUNDATIONS OF ROBOTICS HONORS

Prerequisite or Co-requisite: Algebra 2 Hons or Computer Programming Essent or AP Comp Sci

1 Credit

Grades 9-12

This course provides students with a foundation in content and skills associated with robotics and automation, including artificial intelligence, electronics, physics, and principles of engineering. The students will have the opportunity to explore the world of robotics while learning problem-solving techniques, physics (applied mathematics), logic, creativity, electronics, soldering, mechanics, teamwork, computers and computer programming. Students will use VEX Robot kits to build, test and modify robots. They will be exposed to semi-professional level programming software used in the design, visualization and simulation of products. In the labs, students either individually or as teams will be challenged to solder or assemble automated sensory-based systems that will complete simple functions or perform a series of tasks.

ROBOTICS DESIGN ESSENTIALS HONORS

Prerequisite: Foundations of Robotics

1 credit

Grades 10-12

This course provides students with content and skills essential to the design, manufacturing, and operation of robotic systems. The students will learn to use Autodesk Inventor, Arduino, 3D-Printer and VEX Robotic kits. They will expand their knowledge on design and programming software to design, visualize, simulate and fabricate parts of robotic products. Students activities will include artificial intelligence specialized sensor, electronic applications, engineering technologies, environmental physics, manufacturing, topographical considerations, programming, motions physics, electric motors, communications, simulations, simulation and modeling, and critical thinking skills. EARN AUTODESK INVENTOR CERTIFICATION.

BUSINESS & TECHNOLOGY EDUCATION

DIGITAL INFORMATION TECHNOLOGY

1 Credit

Grades 9-12

Performing Arts Credit. This course is designed to provide an overview of current business trends, skills, and technology required for today's business environment. Students will become proficient in Microsoft Office. (Word, Excel, PowerPoint & Outlook). *Earn Certifications in: Microsoft MOS Expert and CompTIA IT Fundamentals.*

BUSINESS ENTREPRENEURIAL PRINCIPLES HONORS

Prerequisite: Dig Info Tech or Computer Fundamentals

1 credit

Grades 9-12

This is a MUST for all Business majors! This course is designed to provide an introduction to business organization, management, and entrepreneurial principles. Topics include forms of business ownership and organizational structures, supervisory skills, human resources management, ethics, and cultural diversity.

ACCOUNTING 1 HONORS

1 Credit

Grades 10-12

This course introduces students to double-entry accounting; business transactions; the preparation of various documents, expenses, assets, liabilities, and changes in equity; and the preparation of financial statements.

ACCOUNTING 2 HONORS

Prerequisite: Accounting 1

1 Credit

11-12 Grade

This course is designed to continue the study of accounting principles. The content includes voucher systems, cash receipts, petty cash, payroll records, inventory methods, the aging process and depreciation. The use of computers is required. *Earn Quickbooks Certification*

GAME & SIMULATION DESIGN

Game Design Students will:

- Create, Design, and Engineer graphic elements, sound and animations using industry relevant software
- Learn how to create and manipulate images with Adobe Photoshop and Illustrator software
- Have the opportunity to sit for the 3D Studio Max, Unity Industry Certifications
- Be a part of FBLA that offer competitions related to the Computer Game Design curriculum - at the regional, state and national levels

GAME & SIMULATION FOUNDATIONS

1 Credit

Grades 9

This is an entry level course, students use a game engine to create arcade style video games. **No coding experience is required.** No coding language is used. Students will have a complete understanding of the technological and creative aspects of videogame design. Students will have the opportunity to learn all aspects of creative, business, and technological components required to launch a new video game system. Basic programming skills will be developed through various gaming platforms such as Minecraft Education, Scratch, and Carnegie Mellon's Alice. Arcade style video games will be developed using Clickteam's Fusion.

Earn Certifications in: MTA Windows Operating Systems

GAME & SIMULATION DESIGN

Prerequisite: Game & Simulation Foundations

1 Credit

Grades 9-12

Prerequisite: Successful completion of Game and Simulation Foundations

Students will have a complete understanding of the technological and creative aspects of video game design. Topics include the composition of gaming, design, character development, story, strategy, sound FX, 3D art, along with animation. Students will utilize a variety of software applications including, Blender, Audacity and Clickteam's Fusion. Students will learn JavaScript programming through *CodeHS.org*.

Earn Certifications in: MTA Software Development Fundamentals, Adobe Animate, Adobe Illustrator and Adobe InDesign

GAME & SIMULATION PROGRAMMING

Prerequisite: Game & Simulation Design

1 Credit

Grades 10-12

The content includes practical experiences in game/simulation conceptualization, design, storyboarding, development methodologies, essential programming techniques, and implementation issues. Specialized programming skills involving advanced mathematical calculations and physics are also integrated into the curriculum

CUSTOMER SERVICE REPRESENTATIVE

These courses provide instruction in the basic principles of customer service including knowledge of identification and classification of customer service, technology literacy related to customer service, human relations, and communication skills necessary for success in the customer service industry, and the terminology unique to customer service.

Students will work 2-3 days per week at a workstation within the school with the remainder in class completing required assignments. *Earn Social Media Strategist Certification*

CUSTOMER SERVICE REPRESENTATIVE 1

1 Credit

Grades 9-12

CUSTOMER SERVICE REPRESENTATIVE 2

Prerequisite: Customer Service Representative 1

1 Credit

Grades 10-12

CUSTOMER SERVICE REPRESENTATIVE 3

Prerequisite: Customer Service Representative 2

1 Credit

Grades 11-12

SPORTS, RECREATION & ENTERTAINMENT MARKETING

SPORTS, RECREATION & ENTERTAINMENT MARKETING ESSENTIALS

1 Credit

Grades 9-10

Introductory course where students learn the basics of marketing. Topics include: Promotion, Selling, Advertising, Global Economy, Employment skills and students are eligible to compete in DECA.

SPORTS, RECREATION & ENTERTAINMENT MARKETING APPLICATIONS

Prerequisite: Sports, Recreation & Entertainment Essentials, Teacher Recommendation

1 Credit

Grades 10-12

Topics include: public relations, publicity, event planning, sponsorships, tickets, endorsements, and more! Focusing on the application of marketing principles, students host a dodgeball tournament, create a Super Bowl commercial, participate in a press conference, and compete in Shark Tank. Students compete in DECA. \$50 to join DECA-may obtain sponsorship

SPORTS, RECREATION & ENTERTAINMENT

MARKETING MANAGEMENT HONORS

Prerequisite: Sports, Recreation & Entertainment Applications, Teacher Recommendation

1 Credit

Grades 10-12

This course will prepare students for employment in the sports, recreation, and entertainment marketing industry. Topics include: leadership, entrepreneurial skills, and event management. Students organize and host a large-scale event, hone public speaking skills, as well as work in management teams throughout the year. Students compete in DECA. \$50 to join DECA-may obtain sponsorship

SPORTS, RECREATION & ENTERTAINMENT

DIRECTED STUDY

Prerequisite: Sports, Recreation & Entertainment Management, Teacher Recommendation

1 Credit

Grades 12

This is for DECA chapter officers and students selected for leadership positions. Students work to complete chapter projects, fundraisers, competition prep materials, and organize community outreach activities. Students compete in DECA. \$50 to join DECA-may obtain sponsorship. *Earn Social Media Strategist Certification.*

EXERCISE SCIENCE

MEDICAL SKILLS AND SERVICES

1 Credit

Grade 9

This course provides information that introduces students to the various health career clusters along with its practical skills (ex. nursing, dentistry, pharmacy, etc). Students also have the opportunity to become CPR/AED certified during the first semester.

HEALTH SCIENCE ANATOMY & PHYSIOLOGY HONORS

1 Credit

Grade 10-12

This course covers the structures and functions of each body system. Students will also learn about common diseases and disorders of each body system.

HEALTH SCIENCE FOUNDATIONS

Prerequisite: Health Science Anatomy & Physiology or Anatomy & Phys Honors, Teacher Recommendation

1 Credit

Grade 11-12

This course requires students to have completed either HS Anatomy & Physiology or Anatomy and Physiology Honors prior to taking this class. The content includes knowledge of the health career clusters, legal responsibilities, and more hands-on skills regarding healthcare employees. Students also become re-certified in CPR.

EXERCISE SCIENCE HONORS

Prerequisite: Health Science Foundations, Teacher Recommendation

1 credit

Grade 12

This is a year-long course that prepares the students to sit for a Certification in Personal Training (CPT exam). Students must be CPR certified and a senior in high school. Students complete 75 clinical hours through in class labs, and hours with certified professionals in the field.

TV PRODUCTION

TV PRODUCTION I

1 Credit

Grades 9-12

In TV Production Technology 1, students will learn the basic techniques of camera operation and composition, sound recording and design, lighting, digital editing, scriptwriting, and storyboarding. Students will also participate in the creation of radio show skits, practice videotaping exercises, and edit/mix raw footage. Lastly, students will produce video “packages” for the Morning Show, as well as create their own “practice” Morning Shows. No previous experience necessary. *Earn Industry Certification in Adobe Premiere Pro CC.*

TV PRODUCTION II, TV PRODUCTION III-IV HON

Prerequisite: TV Production I-III

1 Credit

Grades 10-12

In TV Production Technology 2, 3, and 4, experienced students will focus on the creation of the Morning Show (a.k.a. *The Warrior Report*). Students will select on-camera jobs (anchor, field talent, reporter) or behind the scenes jobs (director, camera operator, sound mixer, video editor, character generator, floor manager, etc.).

When not creating the daily show for broadcast or producing video “packages,” students will work on creating their own original/group projects (short films, music videos, documentaries, etc.).

Earn Industry Certification in Adobe Products.

VETERINARY MEDICINE

In this program, you will learn about anatomy, physiology, nutrition, general care...plus details on breeding and running a veterinary office. There’s a need for Veterinary Assistants. Work for veterinarians, in animal shelters, humane societies, kennels, pet shops, and more. Use your skills and knowledge to care for dogs, horses, and other animals. By the end of Veterinary Assisting 4, students will have the opportunity to take their Certified Veterinary Assistant industry certification, to be a Certified Veterinary Assistant upon graduation.

VETERINARY ASSISTING 1 HONORS

1 Credit

grades 9-10

VETERINARY ASSISTING 2 HONORS

Prerequisite: Veterinary Assisting 1 Honors, Teacher Recommendation Required

1 Credit

Grades 10-11

VETERINARY ASSISTING 3 HONORS

Prerequisite: Veterinary Assisting 2 Honors, Teacher Recommendation Required

1 Credit

grades 11-12

VETERINARY ASSISTING 4 HONORS

Prerequisite: Veterinary Assisting 3 Honors, Teacher Recommendation Required

1 Credit

grades 12

AGRICULTURE

AGRISCIENCE FOUNDATIONS HONORS

1 Credit

Grades 9-12

This course was developed as a core in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; animal science and horticulture; agri-science safety; agribusiness and employability. Laboratory-based activities are an integral part of this course. These include the safe use of appropriate technology, scientific testing and observation equipment.

AGRICULTURAL COMMUNICATIONS 2 & 3

Prerequisite: Agriscience Foundations

1 Credit

Grades 9-12

Performing Arts Credit.

Students explore the many ways in which communication is portrayed, including written and verbal, but also through the use of social media, photography, video, and advertising. This course focuses on teamwork and communicating effectively. Students also have the opportunity to take Industry Certifications within this course that offer college credit, as well as preferential hiring and increased salaries for those seeking employment out of high school.

ANIMAL SCIENCE AND SERVICES 2 & 3

Prerequisite: Agriscience Foundations

1 Credit

Grades 9-12

Do you love animals? Have you ever considered having a career working with animals? Animal Science explores all things animal- anatomy, health and management, nutrition, domestication, livestock production and more! With several opportunities to have hands on experiences with animals, including dogs, horses, cows, pigs, goats and chickens as well as attend field trips that immerse them in the Animal Science industry and create connections with individuals who could assist them in their future.

Students have the opportunity to take Industry Certifications within this course that offer college credit, as well as preferential hiring and increased salaries for those seeking employment out of high school.

This course counts toward a science credit.

AGRICULTURE DIRECT STUDIES

Prerequisite: Teacher Recommendation

1 Credit

Grades 11-12

Students will work on their own Supervised Agriculture Experience (SAE) where they will have hands on experience working on what interests them. Students also will work on industry certifications to gain valuable knowledge that will assist them in their future careers. Students also get firsthand experience with stakeholders and business leaders to help them gain important experience that could aid them in their future as well. Directed Studies is set up for students who have already completed numerous agriculture courses, therefore teacher permission is required.

CULINARY ARTS

These courses were developed as part of a three-credit, core curriculum. These are school-to-career classes that prepare students for employment or advanced training in the food and beverage industry. Students receive instruction and hands-on experience in food preparation, baking and pastry, basic food skills, personal productivity, safe, secure and sanitary work procedures, operational systems, recipes, commercial tools and equipment usage, principles of nutrition, front-of-the house duties, and food and beverage preparation.

CULINARY ARTS 1

1 Credit

Grades 9-11

CULINARY ARTS 2

1 Credit

Grades 10-12

Performing Art Credit

Prerequisite: Culinary 1, Teacher Recommendation Required

CULINARY ARTS 3

1 Credit

Grades 10-12

Prerequisite: Culinary 2, Teacher Recommendation Required

CULINARY ARTS 4 (Track 1: Culinary & Hospitality Management) 8800540

1 Credit

Grades 11-12

Prerequisite: Culinary 3

CULINARY ARTS 4 (Track 2: Advanced Baking Techniques) 8800550

1 Credit

Grades 11-12

Prerequisite: Culinary 3

CULINARY ARTS 4 (Track 3: Advanced Cooking Techniques) 8800560

1 Credit

Grades 11-12

Prerequisite: Culinary 3

Hospitality & Tourism (DIRECTED STUDY)

1 Credit

Grade 12

Prerequisite: Culinary 1

FAMILY AND CONSUMER SCIENCES

PRINCIPLES OF FOOD PREPARATION

.5 Credit

Grades 9-12

This course provides the opportunity for students to experience basic food preparation techniques, meal management and planning. Students will also prepare and participate in a multi-cultural cuisine activity where they will learn about various foreign, ethnic, regional, and special occasion foods.

NUTRITION AND WELLNESS

.5 Credit

Grades 9-12

This course centers on the relationship between nutrition and wellness. It provides instruction on the selection, preparation, service and storage of foods. It allows students to practice meal management techniques and nutritional food choices using technology.

ON-THE-JOB TRAINING (OJT)

1 Credit

Grade 12

On-the-job training (OJT) must be taken **concurrently** with one of the CTE Courses.

JUNIOR RESERVE OFFICER TRAINING CORPS ARMY JROTC

Leadership Education & Training (LET) 1

1 Credit

Grades 9-12

The mission of the Army JROTC Program is to motivate young people to become better citizens. The JROTC Program prepares high school cadets for responsible leadership roles while being made aware of their rights, responsibilities, and privileges as citizens. It provides leadership and management instruction that benefits the cadet, community, and nation. Instruction is practical, systematic, and progressive. Cadets are provided training in teamwork, problem solving skills, planning and briefing techniques, staff procedures, drill and ceremonies, and career and work opportunities. The cadet must be willing to participate in physical fitness activities and be able to wear military uniforms.

Leadership Education & Training (LET) 2

Prerequisite: LET 1

Successful completion of Leadership Education & Training 1 & 2 will meet the graduation requirement for HOPE and the Performing Arts credit.

1 Credit

Grades 10-12

In LET 2, students begin to assume leadership positions at the platoon and company levels. This entails assigning various activities to LET 1 cadets and building leadership skills. The cadet must be willing to participate in physical fitness activities and be able to wear military uniforms.

Leadership Education & Training (LET) 3 Honors

Prerequisite: LET 2

1 Credit

Grades 11-12

LET 3 Cadets continue to hone their leadership skills by taking on command responsibilities at the Company and Battalion Level. They instruct junior cadets on Drill and Ceremonies and lead physical training exercises. Classroom topics include Becoming a Better Writer, Creating Better Speeches, Becoming a Better Speaker, Conflict Resolution, Negotiating, Problem Solving, and Career Planning. The cadet must be willing to participate in physical fitness activities and be able to wear military uniforms.

Leadership Education & Training (LET) 4 Honors

Prerequisite: LET 3

1 Credit

Grade 12

During the LET 4 year, Cadets will function primarily as Assistant Instructors and Company Commanders. Academic Lessons will focus on Styles of Leadership, Management Skills, Using and Developing Lesson Plans and Delivering Instruction. Cadets will also design and complete a Capstone Project that demonstrates their mastery of Leadership and Communication Skills



**Gaetz Aerospace Institute (Dual-Enrollment for College Credit) at Steinbrenner High School
Offered to JROTC Students Only. Prerequisite: 2.5 unweighted GPA**

AS 120* Principles of Aeronautical Science

An introductory course in Aeronautical Science designed to provide the student with a broad-based aviation orientation in flight-related areas appropriate to all non-Aeronautical Science degree programs. Subjects include historical developments in aviation and the airline industry; theory of flight; airport operations; aircraft systems and performance; elements of air navigation; basic meteorology theory; air traffic principles; flight physiology; and aviation regulations and safety. Prerequisite AR LEADERSHIP 1.

AS 220* Unmanned Aircraft Systems

This course is a survey of unmanned aircraft systems (UAS), emphasizing the military and commercial history, growth, and application of UASs. The course will include basic acquisition, use, and operation of UASs with an emphasis on operations. Prerequisite AS 120 Principles of Aeronautical Science.

AS 222* Unmanned Aircraft System Security

Unmanned Aircraft System Security is a sophomore level seminar course focused on the concepts of UAS security and protection. Through a combination of instructor-led discussion, assigned readings and projects,

AS 235* Unmanned Aircraft Systems Operation & Cross Country Data Entry

This course provides an understanding of the core technologies of unmanned aircraft systems. It will include examinations of the design concepts, powerplants, control systems, and communication technologies utilized in current unmanned aircraft systems and/or likely to be used in the next few years. Particular attention will be given to the technical capabilities, best applications, and operational best practices of cross-country flight planning for today's UASs. Prerequisite AS 120 Principles of Aeronautical Science.

EXCEPTIONAL STUDENT EDUCATION

Exceptional Education Students (students with disabilities) are programmed according to their educational needs as stated on their Individual Education Plans (IEPs). Students must meet eligibility requirements as set by the state of Florida. Students are served in a variety of settings that have varying levels of academic and/or behavioral supports. The 3 levels of support, indicated below, reflect the amount of teacher and paraprofessional support needed for students to achieve their goals as indicated on their IEPs, and the level of independence expected after high school. Some students may require the types of support from one level for some needs, and another level for other needs.

Independent Level (mildly disabled)

Standard diploma – Co-teach classes are offered in the core academic areas. Co-teach classes pair a special education teacher with a regular education teacher. Co-teach classes may have a special education teacher for support full-time, or part-time, depending on the needs of the student. Students who do not need in-class supports are offered consultative services to the regular education teacher. Students are eligible for accommodations as prescribed on their IEPs. Students with a standard diploma may attend college or vocational school, join the military, or enter the work force. Standard diploma students must meet the same course requirements as non-disabled students, although they can do so with accommodations. In a few cases students need a resource pull out class in a core academic course. Students scheduled in a resource class, have documented needs of adjusted pacing, low student teacher ratio, or a documented reason they are unable to perform in a classroom with their non-disabled peers.

Supported Level (moderately disabled)

Goals for students at this level of support are aimed to help the student reach their highest level of independence and functioning in activities of daily living, family, leisure, and community living. The general areas of instruction and course offerings come from access points to the standard curriculum. Most students attend Community Based Training to obtain job skills in the last two years that they are in high school. These students have the opportunity to attend high school through the year they turn 22, and will require supported work and living environments as adults.

Participatory Level (severely and profoundly disabled)

Students at this level of support require adult assistance for all, or almost all, activities of daily living. The goals for these students are to communicate their wants and needs and to integrate socially in a small group environment. Students are provided instruction according to their needs and abilities. Educational experiences may include functional word recognition and number skills, communication, small and gross motor activities, sensory stimulation, social skills, and self-help skills. These students generally attend high school through the year they turn 22 and go on to an adult day and/or residential program.

Hillsborough County Public Schools
GRADUATION REQUIREMENTS
STUDENTS ENTERING 9TH GRADE IN THE 2014-2015 School Year and Thereafter

	24 CREDIT PROGRAM STANDARD DIPLOMA	SCHOLAR DESIGNATION (In Addition to the 24 Credit Standard Diploma Requirements)
English	4 required English I, II, III, IV	
Mathematics	4 required Including ¹ Algebra I or its equivalent and ² Geometry <ul style="list-style-type: none"> • Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry). 	1 credit in Algebra II 1 credit in Statistics or equally rigorous mathematics course Pass Geometry End of Course Exam (EOC)
Science	3 required Including ³ Biology I and two credits in equally rigorous science courses Two credits must have a laboratory component. <ul style="list-style-type: none"> • An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I). • An identified rigorous Computer Science course with a related industry certification substitutes for up to one science credit (except for Biology I). 	Pass Biology I EOC * 1 credit in Chemistry or Physics 1 credit in a course equally rigorous to Chemistry or Physics
Social Studies	3 required World History, ⁴ United States History, United States Government (.50 credit), and Economics with Financial Literacy (.50 credit)	Pass United States History EOC *
Fine Arts	1 required In Fine or Performing Arts, Speech and Debate, or approved Practical Arts course	
Physical Education	1 required HOPE	
World Language	Not required for graduation, but at least two credits in the same language are required for admission into four year colleges and universities.	Two credits in the same world language
Electives	8 required Elective credit details for Bright Futures Scholarships, go to www.floridastudentfinancialaid.org .	
Online/Virtual Course	At least one course within the 24 credits required must be completed through online learning.	
Minimum Graduation Credit Requirement	24 credits	24 Credits One credit must be in Advanced Placement (AP), AICE, dual enrollment, or International Baccalaureate (IB).
ACCEL OPTION (18 CREDIT)	Three elective credits instead of eight; Physical Education is not required; Online/Virtual Course not required. All other graduation requirements for a 24-credit standard diploma must be met (per Florida Statutes).	
Merit Designation	In addition to the 24 credit standard diploma requirements, students pursuing merit designation must attain one or more industry certifications from the state approved list.	
Seal of Biliteracy	The attainment of a high level of competency in listening, speaking, reading, and writing in one or more foreign languages in addition to English.	
Assessment	Must pass Florida Standards Assessment (FSA) Grade 10 English Language Arts (ELA) assessment (or earn concordant ACT or SAT score) and ¹ Algebra I EOC exam (or earn PERT comparative score).	
GPA	2.0 on a 4.0 scale (unweighted state GPA)	
GPA Bonus Points	.04 Points per .50 honors credit (final grade must be C or above) .08 Points for Dual Enrollment, AP, and IB per .50 credit (final grade must be C or above)	

Graduation requirements for students with disabilities: In addition to the 24-credit and the ACCEL 18-credit options above; there are two other standard diploma options available only to students with disabilities: academic and employment option and the access points option. Both require the 24 credits listed in the chart and both allow students to substitute a career and technical (CTE) course with related content for one credit in ELA IV, mathematics, science, and social studies (excluding Algebra I, Geometry, Biology, and United States History). Students who choose the academic and employment option must earn at least .50 credit via paid employment (counts as .50 elective credit). Students with significant cognitive disabilities may earn credits via access courses and will be assessed with the Florida Alternate Assessment. See "Standard Diploma for Students with Disabilities served Through Access Points and Alternately Assessed" for additional information.

Students enrolled in ¹Algebra I, ²Geometry, ³Biology, and/or ⁴United States History must take the respective EOC exam, and it will constitute 30% of the student's final grade. Special Note: Thirty percent not applicable if enrolled in Algebra I, Geometry, and/or Algebra II in the 2014-2015 school year.

* **For the purpose of Scholar Designation only**, a student is exempt from the Biology I or United States History EOC if enrolled in AP, IB, or AICE Biology I or United States History course and takes the respective AP, IB, or AICE assessment and earns the minimum score to earn college credit.

August 2017