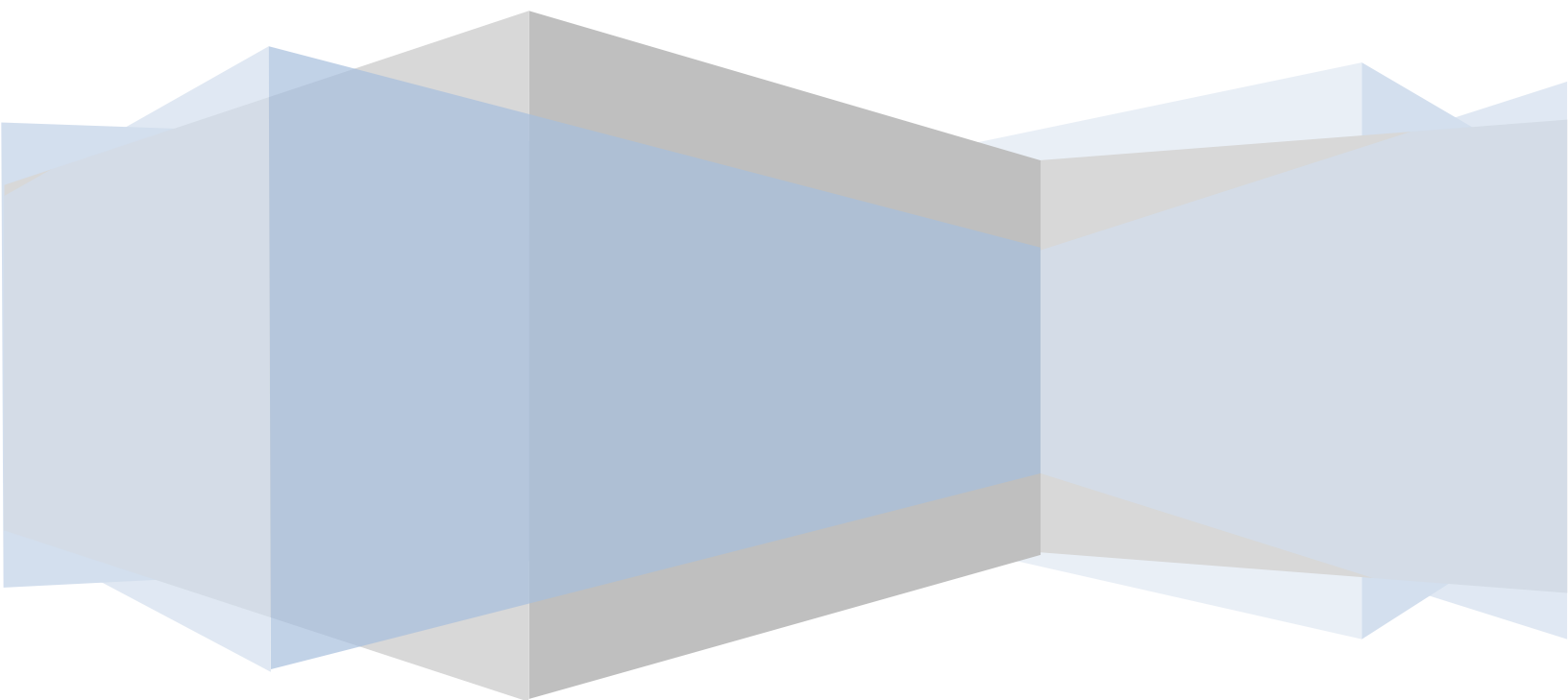


Hillsborough County Public Schools, FL

# STEINBRENNER HIGH SCHOOL

## 2024-2025 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. 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.

# **ADVANCED PLACEMENT (AP) INFORMATION**

## **AP COURSES OFFERED AT STEINBRENNER**

AP Human Geography (9<sup>th</sup>-12<sup>th</sup>)

AP World History (10<sup>th</sup>)

AP US History (11<sup>th</sup>)

AP Microeconomics (12<sup>th</sup>)

AP Macroeconomics (12<sup>th</sup>)

AP US Government & Politics (12<sup>th</sup>)

AP Comparative Politics (12<sup>th</sup>)

AP Psychology (10<sup>th</sup>-12<sup>th</sup>)

AP Statistics (10<sup>th</sup>-12<sup>th</sup>)

AP Precalculus (10<sup>th</sup>-12<sup>th</sup>)

AP Calculus AB (11<sup>th</sup>-12<sup>th</sup>)

AP Calculus BC (11<sup>th</sup>-12<sup>th</sup>)

AP Capstone Seminar (10<sup>th</sup>-11<sup>th</sup>)

AP Capstone Research (11<sup>th</sup>-12<sup>th</sup>)

AP Biology (9<sup>th</sup>-12<sup>th</sup>)

AP Chemistry (10<sup>th</sup>-12<sup>th</sup>)

AP Physics C, Mechanics (11<sup>th</sup>-12<sup>th</sup>)

AP Environmental Science (10<sup>th</sup>-12<sup>th</sup>)

AP English Language (11<sup>th</sup>)

AP English Literature (12<sup>th</sup>)

AP Spanish Language (10<sup>th</sup>-12<sup>th</sup>)

AP Studio Art 2-D Design (10<sup>th</sup>-12<sup>th</sup>)

AP Studio Art 3-D Design (10<sup>th</sup>-12<sup>th</sup>)

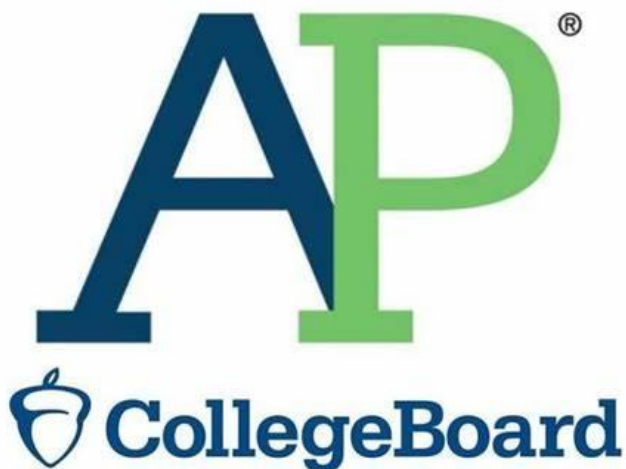
AP Studio Art Drawing (10<sup>th</sup>-12<sup>th</sup>)

AP Art History (10<sup>th</sup>-12<sup>th</sup>)

AP Computer Science A (10<sup>th</sup>-12<sup>th</sup>)

AP Computer Science Principles (9<sup>th</sup>-12<sup>th</sup>)

At the conclusion of the school year, students are expected to take the AICE exams. College credit may be awarded by colleges and universities based on the student's score on end of year exams.



# ADVANCED PLACEMENT COURSE DESCRIPTIONS

## ENGLISH

### **AP ENGLISH LANGUAGE AND COMPOSITION**

*Prerequisite: A or B in English II Honors*

**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 English III Honors or AP Language*

**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**

**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: AP Seminar*

**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 PRECALCULUS**

*Prerequisite: Algebra 2 Honors*

**1 Credit**

**Grades 10-12**

AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Furthermore, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type.

### **AP CALCULUS AB**

*Prerequisite: AP Precalculus or Precalculus Honors*

**1 Credit**

**Grades 11-12**

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

### **AP CALCULUS BC**

*Prerequisite: AP Precalculus, Precalculus Honors, or AP Calculus AB*

**1 Credit**

**Grades 11-12**

AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically,

numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions

## **AP STATISTICS**

*Prerequisite: 11<sup>th</sup>-12<sup>th</sup> grade: Algebra 2, Level 2 FAST Reading*

*Co-requisite: 10<sup>th</sup> grade – Algebra 2 Honors, Level 3 FAST Reading*

**1 Credit**

**Grades 10-12**

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

## **SCIENCE**

### **AP BIOLOGY**

*Prerequisite: 9<sup>th</sup> grade: Physical Science Honors with A grade*

*Prerequisite: 10<sup>th</sup>-12<sup>th</sup> grade: Biology 1 Honors with A grade*

**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 (& CHEM 2 HON)**

*Prerequisite(s): Chemistry 1 Honors–B or AP Biology–B,*

*Corequisite: Pre-Calculus*

**1 Credit for each course**

**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: Chemistry (with grade of A), Chemistry 1 Hon, AP Chemistry; Algebra 2*

**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 C: Mechanics**

*Prerequisite: Chemistry Hon, Physics*

*Co-requisites: 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)

## **SOCIAL STUDIES**

### **AP HUMAN GEOGRAPHY**

**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 US GOVERNMENT & POLITICS AND/OR**

### **AP COMPARATIVE GOVERNMENT & POLITICS**

**.5 Credit 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 MACROECONOMICS AND/OR**

### **AP MICROECONOMICS**

**.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**

**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*

**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**

**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*

**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**

**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**

**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**

**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: 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

# **COMPUTER SCIENCE**

## **AP COMPUTER SCIENCE PRINCIPLES**

*Prerequisite: Algebra 1 Honors*

**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*

**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.

# CAMBRIDGE (AICE) INFORMATION

## **CAMBRIDGE (AICE) COURSES OFFERED AT STEINBRENNER:**

### Group 1 (Math and Sciences)

Marine Science

Physical Education \*New for 2024-2025\*

Physics \*New for 2024-2025\*

### Group 2 (Languages)

English Language \*New for 2024-2025\*

### Group 3 (Humanities)

Music

Sociology

Drama \*New for 2024-2025\*

History, European \*New for 2024-2025\*

Physical Education \*New for 2024-2025\*

### Group 4 (Interdisciplinary)

General Paper

Thinking Skills

Global Perspectives \*New for 2024-2025\*

At the conclusion of the school year, students are expected to take the AICE exams. College credit may be awarded by colleges and universities based on the student's score on end of year exams.



**Cambridge Assessment  
International Education**

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**Cambridge International School**

# **AICE COURSE DESCRIPTIONS**

## **GROUP 1: MATH & SCIENCES**

### **MARINE SCIENCE**

*Pre-requisite: Chemistry 1 Hon*

**1 Credit**

**Grades 10-12**

AICE Marine Science provides a coherent and in-depth exploration of the marine environment. We will use a combination of scholastic materials and hands-on laboratory experiments to make real life connections to what students will learn. We will heavily implement the scientific method to think critically about the ocean, analyze data and solve problems. This course aims to help students better understand and appreciate the creatures around us, the marvels of the ocean, and the amazing processes of life that take place within it. With this understanding students will be equipped with the knowledge they need to make informed decisions about life and the world around them.

### **PHYSICAL EDUCATION \*New in 2024-2025\***

**1 Credit**

**Grades 9-12**

The Physical Education syllabus is both practical and theoretical, covering anatomy and physiology, movement skills and contemporary studies in sport. Learners are encouraged to try out a range of physical activities, including team and individual sports, games, and outdoor activities, and then use the theoretical knowledge they have gained to analyze the different factors influencing performance. The course also encourages learners to understand and explain global trends in Physical Education and Sport.

### **PHYSICS \*New in 2024-2025\***

*Prerequisite: Chemistry*

*Co-requisite: Algebra 2*

**1 Credit**

**Grades 11-12**

Models of physical systems: Physics is the science that seeks to understand the behavior of the Universe. The development of models of physical systems is central to physics. Models simplify, explain and predict how physical systems behave. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of physics, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination.

## **GROUP 2: LANGUAGES**

### **ENGLISH LANGUAGE \*New in 2024-2025\***

**1 Credit**

**Grades 11-12**

In AICE English Language, students will develop skills to make critical and informed responses to a wide range of texts. Students will also demonstrate their ability to produce writing for specific audiences. We read and write descriptive and imaginative pieces, newspaper and magazine articles, blogs and podcast scripts,

biographies and autobiographies, reviews, advertisements, and more. We focus on the way that authors create various moods and effects in their writing, and we students will work on creating these effects in their own writing.

## **GROUP 3: HUMANITIES**

### **DRAMA \*New in 2024-2025\***

**1 Credit**

**Grades 9-12**

Cambridge International AS Level Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. They learn to communicate with an audience through practical and creative work on performance texts and their own devised material, both as individuals and in groups. Underpinned by theoretical and practical study, they learn to research, analyze, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama.

### **HISTORY, EUROPEAN \*New in 2024-2025\***

**1 Credit**

**Grades 10-12**

AICE European History class focuses on both a student's historical knowledge and on the skills required for historical research. Students learn about cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. Students will study the European past to develop an understanding of complex historical events and their significance to modern society. By the end of this course, students will be able to assess different interpretations of an argument, formulate their own ideas about a subject, present clear, logical arguments, and evaluate historical evidence.

### **MUSIC**

**1 Credit**

**Grades 10-12**

Cambridge International AS Level Music encourages learners to study a variety of music and build on their individual interests. Learners develop the ability to make connections between the musical activities of listening, composing and performing and the variety of music around the world. At AS Level, learners focus on listening, composing and performing. For listening, they study set works. These are chosen to support learners in developing their listening skills and understanding of music, including compositional techniques and performance practice. They learn to work with Western notation. Learners also listen to and explore other music of their choice and identify and learn to communicate connections across a wide variety of music. Learners are also encouraged to build on their own personal musical interests as they study composing and performing. Through this, they learn to develop their own range of compositions and performance program.

### **SOCIOLOGY**

**1 Credit**

**Grades 10-12**

AICE Sociology offers learners the opportunity to explore the processes that are shaping current trends and to develop an understanding of the complexity and diversity of human societies and their continuities with the

past. The study of sociology stimulates awareness of contemporary social, cultural and political issues, and focuses on the importance of examining these issues in a rigorous, reasoned and analytical way.

## **GROUP 4: INTERDISCIPLINARY STUDIES**

### **ENGLISH GENERAL PAPER**

**1 Credit**

**Grades 10-12**

The aim of AICE English General Paper is to improve learners' skills in reading and writing and the ability to think critically about contemporary issues. It also seeks to improve communication in English. As they explore modern issues in this course, learners become aware that not everyone sees the world as they do. Where we live and what we value play important roles in shaping our views. Students should strive to approach modern matters with both maturity and sensitivity. Activities featured in the scheme of work are designed to help them do this. Learners will take responsibility to pay attention in core courses such as science, math, history, and the arts to help reinforce their understanding of these topics. The strategies for reading and writing explored in this course can transfer to any academic field, making it foundational to learners' overall educational experience. Each unit builds reading skills, which scaffold into writing.

### **GLOBAL PERSPECTIVES \*New in 2024-2025\***

**1 Credit**

**Grades 11-12**

AICE Global Perspectives and Research is the course which all AICE diploma candidates must pass through here at Steinbrenner High School. The course is designed to study large, complex, global issues from a variety of perspectives. AICE Global Perspectives uses many of the elements from 9th grade AICE courses and not only prepares students for their 11<sup>th</sup>/12<sup>th</sup> grade AICE courses, but for college and career success as well.

### **THINKING SKILLS**

**1 Credit**

**Grades 9 (Grades 10-12 program completers)**

AICE Thinking Skills develops a set of transferable skills, including critical thinking, reasoning and problem solving, that students can apply across a wide range of subjects and complex real-world issues. The course enables students to develop their ability to analyze unfamiliar problems, devise problem solving strategies, and evaluate the diverse ways a problem may be solved. During a Thinking Skills course, students learn to put their personal views aside in favor of examining and evaluating the evidence. Students learn how to make informed and reasoned decisions and construct evidence-based arguments. These independent thinking skills build confidence and equip students with a toolkit for tackling complex and unfamiliar subjects, essential for successful progression to higher education or into professional employment.



# **ENGLISH/READING DEPARTMENT**

## **ENGLISH I/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/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.

### **CREATIVE WRITING I-II**

**.5 Credit each**

**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 III-IV Honors (Echo)**

*Prerequisite: Creative Writing II-III, Teacher Recommendation*

**1 Credit each**

**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 1**

**JOURNALISM 2-4, NEWSPAPER**

**JOURNALISM 2-4, YEARBOOK**

**1 Credit**

**Grades 9-12**

All journalism classes develop the skills of reporting, interviewing, writing, editing, photography, videography, and social media. All journalism classes work directly on producing material for the school's student news publication The Oracle. This class focuses on creative non-fiction, opinion columns, long-form and investigative journalism. Students interested in reporting with a creative edge but are anxious about strict deadlines and quick turnarounds on projects should join this class!

### **LITERATURE IN THE ARTS I HON (Mythology)**

**.5 Credit**

**Grades 9-12**

*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. Student will be responsible for purchasing a workbook.

## **READING**

**1 Credit**

**Grades 9-12**

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

# **MATHEMATICS DEPARTMENT**

## **ALGEBRA 1A**

### **1 Credit**

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

## **ALGEBRA 1B**

*Prerequisite: Algebra 1A*

### **1 Credit**

In Algebra 1-B, instructional time will emphasize four areas: (1) performing operations with polynomials and radicals and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and (4) building functions, identifying their key features, and representing them in various ways.

## **ALGEBRA 1**

### **1 Credit**

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

## **ALGEBRA 1 HONORS**

### **1 Credit**

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

## **GEOMETRY**

*Prerequisite: Algebra 1*

### **1 Credit**

In Geometry, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry.

## **GEOMETRY HONORS**

*Prerequisite: Algebra 1 Honors*

### **1 Credit**

In Geometry Honors, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry.

## **ALGEBRA 2**

*Prerequisite: Algebra 1 and Geometry*

### **1 Credit**

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

## **ALGEBRA 2 HONORS**

*Prerequisite: Algebra 1 Honors and Geometry Honors*

### **1 Credit**

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

## **MATH FOR COLLEGE ALGEBRA**

*Prerequisite: Algebra 2*

### **1 Credit**

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

## **MATHEMATICS FOR COLLEGE LIBERAL ARTS**

*Prerequisite: Geometry*

### **1 Credit**

In Mathematics for College Liberal Arts, instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.

## **MATHEMATICS FOR DATA AND FINANCIAL LITERACY HONORS**

*Prerequisite: Algebra 2*

### **1 Credit**

#### **Grades 11-12**

In Mathematics for Data and Financial Literacy Honors, instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

## **PRE-CALCULUS HONORS**

*Prerequisite: Algebra 2 Honors*

### **1 Credit**

#### **Grades 10-12**

In Precalculus Honors, instructional time will emphasize six areas: (1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions; (2) extending understanding of functions to trigonometric; (3) developing understanding of conic sections; (4) representing and performing operations with complex numbers and vectors in the coordinate plane; (5) extending understanding of relations in the plane using parametric representations, including polar coordinates and (6) analyzing arithmetic and geometric sequences and series.

## **PROBABILITY AND STATISTICS HONORS**

*Prerequisite: Algebra 2*

**1 Credit****Grade 11-12**

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

# **SCIENCE DEPARTMENT**

## **ANATOMY AND PHYSIOLOGY HONORS**

*Prerequisite: Chemistry or Chemistry 1 Honors*

**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: Chemistry or Chemistry 1 Hon*

**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 9-10**

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**

**1 Credit**

**Grade 9-10**

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**

*Co-requisite: Geometry*

**1 Credit**

**Grades 10-12**

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**

*Co-requisite: Algebra II*

**1 Credit**

**Grade 10-12**

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.

## **ENVIRONMENTAL SCIENCE**

**1 Credit**

**Grades 9-10**

Environmental science is a course dedicated to understanding the interactions between earth's natural systems and the demands placed on them by the human population. This course examines the scientific principles behind natural phenomena and resource cycles, explores how we utilize these systems and our impact, and potential solutions for the resulting consequences of resource mismanagement and exploitation. The course includes elements of life science, physical science, and social science and focuses on breadth and interrelatedness of relevant current events. Concepts can be explored through inquiry based laboratory exercises, environmental health assessment techniques, student presentations and projects.

## **FORENSIC SCIENCES I**

*Prerequisite: Biology I*

**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.

## **FORENSIC SCIENCES II**

*Prerequisites: Forensic Sciences I*

**1 Credit**

**Grades 11-12**

In Forensic Science 2, our focus can be boiled down to one essential question: how do we actually *do* forensic science? In Forensics 1, the class was a broad overview of many different topics in the field. Year 2, our goal will be to learn how to properly collect each kind of evidence from the scene, perform the right tests based on the type of evidence, and defend the analyses in a court setting. This course is fun and exciting and allows you to become and think more like forensic scientists.

## **PHYSICS**

*Prerequisite: Chemistry*

*Co-requisite: Algebra 2*

**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 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**

### **US GOVERNMENT HONORS**

**.5 Credit**

**Grade 9-12**

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**

### **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**

### **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**

### **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.

## **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 HONORS**

**.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 20<sup>th</sup> 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.

## **COLLEGE SUCCESS (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 I**

### **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 I*

### **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 FAST.

## **SPANISH III HONORS**

*Prerequisite: Spanish II*

### **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*

### **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 I**

### **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 I*

### **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**

*Prerequisite: French II*

#### **1 Credit**

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*

#### **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.



# **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 each**

**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 1-3**

**.5 Credit each**

**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.

## **BASKETBALL 1-2**

**.5 Credit each**

**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.

## **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.

## **WRESTLING 1-2**

**.5 Credit each**

**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.

## **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.

# **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*

**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*

**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 each**

**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.

## **KEYBOARD I**

**1 Credit**

**Grades 9-12**

Interested in learning to play piano/keyboard 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-IV**

**1 Credit each**

**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, barre chords. 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 or provide your own guitar.

## **CHORUS I-IV; CHORUS HONORS V-VI**

*For Chorus V-VI, Audition required*

**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)**

*Audition required, 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)**

*Audition required. Student must also be enrolled in Chorus I-IV*

**1 Credit**

**Grades 10-12**

“Entourage” is Steinbrenner’s 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-IV; BAND HONORS V-VI**

*Instructor Approval required for Band V-VI*

**1 Credit each**

**Grade 9-12**

The purpose of this course is to enable students to develop 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.

### **ORCHESTRA I (Concert Orchestra)**

**1 Credit**

**Grade 9**

This class is the next step after Middle School Orchestra. 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. New students are allowed in this class. \$130 annual fee plus uniform costs (\$80.00 female dress, \$150.00 male tux which will remain the same for the next 4 years). \$45 instrument rental fee if needed.

## **ORCHESTRA II-IV (Symphonic Orchestra)**

*Prerequisite(s): Orchestra I*

**1 Credit each**

**Grade 10-12**

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. \$130 annual fee. \$45 instrument rental fee if needed.

## **ORCHESTRA III-VI HONORS (Chamber Orchestra)**

*Audition required*

**1 Credit each**

**Grade 9-12**

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, complete additional district requirements, and additional performances. Students are required to participate in rehearsals and performances outside of school hours. \$130 annual fee. \$45 instrument rental fee if needed.

## **INSTRUMENTAL ENSEMBLE I-IV (Percussion)**

**1 Credit each**

**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**

*Audition Required*

**1 Credit each**

**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**

*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-III**

**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.

## **THEATRE I-IV**

**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.

## **ACTING I-IV**

*Audition required*

**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-IV**

**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.

# **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	Business Management	Culinary
Computer Fundamentals Web Technologies IT Systems H Programming Essentials H Cybersecurity Essentials H Summer Paid Internship  *AP Computer Science Principles *AP Computer Science * Robotics	Digital Information Technology Principles of Entrepreneurship Accounting 1 H Accounting 2 H	Culinary 1 Culinary 2 Culinary 3 Culinary 4 Culinary Direct Study
Sports Marketing	Exercise Science	Game & Simulation Design
Sports Marketing Essentials Sports Marketing Applications Sports Marketing Management H Directed Study	Medical Skills Health Science Anatomy & Physiology H Health Science Foundations H Exercise Science H	Digital Information Technology Game & Simulation Foundations Game & Simulation Design
Agr-Technology	Veterinary	JROTC
Agriscience Foundations H Agriscience Communications 2 Agriscience Communications 3 Animal Science 2 Animal Science 3  Principles of Aeronautical Science Unmanned Aircraft Systems Unmanned Aircraft System Security Unmanned Aircraft Systems Op.	Veterinary Assisting 1 Veterinary Assisting 2 H Veterinary Assisting 3 H Veterinary Assisting 4 H	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

## COMPUTER FUNDAMENTALS

**1 Credit**

**Grades 9-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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. 2ND SEMESTER – Let the creativity begin! Students will learn gaming programming, web design, app design and animation and explore college and careers. Earn up to 3 Industry Certifications: ITS CSS & HTML, ITS Device Management, PMI Project Management.

## WEB TECHNOLOGIES HONORS

**1 Credit**

**Grades 9-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

This course focuses on digital media and advanced web tools. The content includes information technology career research; Business Image creation and editing, and Web Design; Podcasts and other basic multimedia applications including audio, video, text, creation and editing. Software: Adobe Photoshop, Dreamweaver Earn up to 3 Industry Certifications: Adobe Photoshop/Dreamweaver, ITS CSS & HTML, PMI Project Management

## IT SYSTEMS AND APPLICATION HONORS

*Prerequisite: DIT or Computer Fundamentals*

**1 Credit**

**Grades 10-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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 Certification in: CIW Data Analyst Specialist, CompTIA IT Fundamentals & ITS Networking

## **PROGRAMMING ESSENTIALS HONORS**

*Prerequisite: DIT or Computer Fundamentals*

**1 Credit**

**Grades 10-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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 Certification in: ITS Python Programming

## **CYBERSECURITY FUNDAMENTALS HONORS**

*Prerequisite: DIT or Computer Fundamentals*

**1 Credit**

**Grades 10-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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 Certification in: CIW Security Associate, ITS Cybersecurity & PMI Project Management

# **BUSINESS MANAGEMENT**

## **DIGITAL INFORMATION TECHNOLOGY**

**1 Credit**

**Grades 9-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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. Earn Business and Entrepreneurship Certification & Social Media Strategist.

## **NFTE PRINCIPLES OF ENTREPRENEURSHIP**

*Prerequisite: DIT or Computer Fundamentals*

**1 Credit**

**Grades 10-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

In this course, students use their entrepreneurial skills and mindset to evolve an innovative solution to a problem into a validated business opportunity. Students take a lean startup approach in researching and testing their ideas; building out a lean canvas to support their business opportunity validation. By taking a lean startup approach in researching and testing their ideas, students activate entrepreneurial mindset behaviors that will help them in college and careers. Earn Business and Entrepreneurship Certification

## **ACCOUNTING I HONORS**

**1 Credit**

**Grades 10-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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. Earn Business and Entrepreneurship Certification

## **ACCOUNTING II HONORS**

*Prerequisite: Accounting I*

**1 Credit**

**11-12 Grade**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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. Earn Business and Entrepreneurship Certification

# **GAME & SIMULATION DESIGN**

## **GAME & SIMULATION FOUNDATIONS**

**1 Credit**

**Grades 9-12**

Students will have a complete understanding of the technological and creative aspects of video game design. Students will have the opportunity to learn all aspects of creative, business, and technological components required to launch a new video game system. They will learn basic programming skills which will be developed through various gaming platforms such as Minecraft Education, Scratch, Roblox Game Engine as well as Alice (Carnegie Mellon's 3D Animation Program). Actual arcade style video games will be developed and created using game development software called Clickteam's Fusion 2.5. Esports is also incorporated in various modules throughout the year. Earn Certifications in: CIW Data Analyst Specialist. No prior computer coding experience required for this class.

## **GAME & SIMULATION DESIGN (ADVANCED)**

**1 Credit**

**Grades 9-12**

Prerequisite: Successful completion of Game and Simulation Foundations Students will continue developing their game design skills. Topics include the composition of gaming design, character, story, strategy, sound FX, 3D art along with animation. Students will utilize a variety of software applications but will be primarily dedicated to learning the 3D game engine called Unity. Students will also learn JavaScript programming through CodeHS.org and Minecraft Education. Esports is also incorporated in various modules throughout the year. Earn Certifications in: CIW User Interface Designer & Unity Artist

# **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 1-3**

**1 Credit**

**Grades 9-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

# **SPORTS, RECREATION & ENTERTAINMENT MARKETING**

## **SPORTS, RECREATION & ENTERTAINMENT MARKETING ESSENTIALS**

**1 Credit**

**Grades 9-10**

*Career Tech Credit (meets Performing Arts graduation requirement)*

Introductory course where students learn the basics of marketing. Topics include: Promotion, Selling, Advertising, Global Economy, Employment skills and students are strongly encouraged to compete in DECA. \$50 to join DECA – may obtain sponsorship.

## **SPORTS, RECREATION & ENTERTAINMENT MARKETING APPLICATIONS**

*Prerequisite: Sports, Recreation & Entertainment Essentials, Teacher Recommendation*

**1 Credit**

**Grades 10-11**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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, a window display competition 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 11-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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. Earn Business and Entrepreneurship Certification

## **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.*

# **HEALTH OCCUPATIONS**

## **MEDICAL SKILLS AND SERVICES**

**1 Credit**

**Grade 9**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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**

*Prerequisite: Medical Skills and Services*

**1 Credit**

**Grade 9-11**

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 HONORS**

*Prerequisite: Health Science Anatomy & Physiology Honors or Anatomy & Physiology Honors*

**1 Credit**

**Grade 10-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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*

**1 Credit**

**Grade 11-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

This is a year-long course that prepares the students to sit for a Certification in Personal Training (CPT exam) or Allied Health. 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**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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 Toonboom Storyboarding.

### **TV PRODUCTION II, TV PRODUCTION III-IV HON**

**1 Credit**

**Grades 10-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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 Toonboom Storyboarding.

## **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 HONORS 1-4**

**1 Credit each**

**Grades 9-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

## **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**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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**

*Career Tech Credit (meets Performing Arts graduation requirement)*

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.

## **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 1-3**

**1 Credit each**

**Grades 9-12**

*Career Tech Credit (meets Performing Arts graduation requirement)*

### **CULINARY ARTS 4**

**Track 1: Culinary & Hospitality Management**

**Track 2: Advanced Baking Techniques**

**Track 3: Advanced Cooking Techniques**

**1 Credit each**

**Grades 11-12**

*Prerequisite: Culinary 3*

*Career Tech Credit (meets Performing Arts graduation requirement)*

## **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**

**Grades 11-12**

On-the-job training (OJT) must be taken by a student that is either concurrently enrolled in a CTE course or took a CTE course the previous school year. Students must be committed to remaining employed throughout the school year. Students employed at Publix may not qualify due to the companies policies.

# **JUNIOR RESERVE OFFICER TRAINING CORPS ARMY**

## **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 9-12**

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 10-12**

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 11-12**

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**

*Prerequisite AR LEADERSHIP 1*

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**

*Prerequisite AS 120 Principles of Aeronautical Science.*

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**

*Prerequisite AS 120 Principles of Aeronautical Science.*

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.