

## Career and Technical Electives

### **Digital Information Tech 82073100**

1 Credit - 2 semesters

Grade Level: 9,10,11,12

Introduces students to the basic skills required for today's business environments. Emphasis is placed on Microsoft Office XP, WORD, EXCEL, ACCESS, POWERPOINT, OUTLOOK, and web page design. Students can earn industry certifications.

### **Digital Media Fundamentals 9005110**

1 credit-2 semesters

Grade Level: 9, 10, 11, 12

Students can earn industry certification in Adobe.

### **AP Computer Science Principles 02003350**

1 credit- 2 semesters

Grade Level: 9, 10, 11, 12

Introductory AP course in computer science programming

During the AP Computer Science course, you will learn to design and implement computer programs that correctly solve a given problem and are also understandable, adaptable, and when appropriate, reusable

### **Culinary Arts I 8515210**

1 credit-2 semesters

Grade Level: 10, 11

Introductory course in culinary arts. Students will learn some basics of cooking and nutrition. Students can earn industry certification.

### **Culinary Arts Courses for Magnet Program**

These courses are blocked for two periods and offer extensive training in food preparation.

### **Culinary Arts I/II 8515210/8515220**

2 Credits – 2 periods for 2 semesters

Grade Level: 9,10,11,12

Prerequisites: 2.0 GPA/ Teacher approval

### **Culinary Arts III/IV 8515230/8515110**

2 Credits – 2 periods for 2 semesters

Grade Level: 10,11,12

Prerequisites: 2.0 GPA/Teacher approval

### **Culinary Arts V/VI 8515111/8515112**

2 Credits – 2 periods for 2 semesters

Grade Level: 11, 12

Prerequisites: 2.0 GPA/Teacher approval

**Medical Skills Program**-successful completion of this program will enable students to earn industry certification as a certified nursing assistant in their senior year.

### **Medical Skills and Services 8400320**

1 credit-2 semesters

Grade Level: 9

This course introduces students to the different health-related careers that are available through field trips, guest speakers and individual research.

### **Health Science Anatomy and Physiology 8417100**

1 credit-2 semesters

Grade Level: 10

Study of the human body.

### **Health Science Foundations (available in 2019-20)**

1 credit-2 semesters

Grade Level: 11

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Allied Health Assisting 3 (available 2020-21)  
1 credit-2 semesters

Grade Level: 12

## **ENGLISH**

Students must earn 4 credits in English-English I, II, III, IV. EHS offers the following electives and AP courses in English.

### **Yearbook**

#### **Journalism I, II, III 10063100**

1 Credit - 2 semesters

Grade Level: 10, 11, 12

Prerequisite: Teacher approval

Students will be responsible for all aspects of designing and creating the school yearbook. Students will also be expected to sell ads to offset the cost of the yearbook.

#### **AP English Language and Composition**

1 Credit—2 semesters

Grade Level: 11

Prerequisite: Teacher approval

#### **AP English Literature**

1 Credit—2 semesters

Grade Level: 12

Prerequisite: Teacher approval

## **Fine Arts**

### **Theatre**

#### **Theatre I 0400310**

1 Credit – 2 semesters

Grade Level: 9,10,11,12

An overview of the history and literature of the theater. Students learn the fundamentals of theater production and are introduced to the fundamentals of acting.

#### **Theatre 2 0400320**

1 Credit – 2 semesters

Grade Level 10,11,12

Prerequisite: Theater 1/Teacher approval

The content includes instruction in reading and interpretation of dramatic literature. Other instructional emphasis includes techniques and mechanics of acting; set, costume, and lighting design, as well as other features of stagecraft; character analysis and portrayal; interpretive and analytical study of plays; and production of plays and other dramatic presentations.

#### **Theatre III Honors 0400330**

1 Credit — 2 semesters

Grade level: 11, 12

Prerequisite: Theater 2/Teacher approval

Specific acting techniques used in various kinds of dramatic presentations with emphasis given to the study of acting theories, as well as practice and theory in set design, make-up and lighting.

#### **Theatre IV Honors 0400340**

1 Credit — 2 semesters

Grade Level: 12

Prerequisite: Theater 3/Teacher approval

Study and practical application in costume, scenery, lighting, and sound design; make-up techniques; theatrical management. Students specialize by researching information in selected areas of theater. Acting emphasis is placed on developing performing styles and solo/ensemble presentations.

#### **Film Studies (Theater, Cinema and Film Production) 0400660**

1 Credit-2 semesters

Grade Level: 9, 10, 11, 12

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Students explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate the theme. Students also prepare a comparative for theatre, film, and literature

## **Art**

### **2-D Art I 0101300**

1/2 Credit — 1 semester

Grade Level: 9,10,11,12

Art I introduces students to drawing. Students will draw in traditional media such as pencil, colored pencil, pen and ink, and oil pastels. A wide range of subject matter will be explored, such as still life, figure drawing, landscapes, and imaginary creations. The elements and principles of art, history of art and cultural identities will also be a part of the course assignments. No previous experience is necessary and is open to all students.

### **2-D Art II 0101310**

½ Credit- 1 semester

Grade Level: 9, 10, 11, 12

Prerequisite-Art I

Art II is a continuation of Art I. This class introduces students to the art of painting and printing. Students will paint in traditional media such as watercolor, tempera and acrylics. In printing, students will explore linoleum and collographs as methods for printing. Subject matter will be explored on a more personal level, such as self portraits, cultural identity and historical connections. Other explorations will include batik, mixed media, computer graphics and the use of digital cameras.

### **Art 3 Honors 0101320**

1 Credit – 2 semesters

Grade Level: 10, 11, 12

Prerequisite: Art I/II/ Teacher approval

This course gives students studio practice in using all drawing and painting media, paints, pencil, color pencil, pen and ink, crayon, oil pastels, chalk, mixed media, printing, and computer graphics and the use of digital cameras. Subject will be explored on a personal level and will have cultural and historical connections.

### **Draw 3 Honors 0104360**

1 credit-2 semesters

Grade Level: 10, 11, 12

Prerequisite: Art 3 Honors/teacher approval

## **Band**

### **Band I, II, III, IV 1302300, 1302310, 1302320, 1302330**

1 Credit — 2 semesters

Grade Level: 9,10,11,12

Prerequisite: Teacher approval

Reviews music fundamentals and performs publicly. Participates in evaluated performances and contests in marching and symphonic band as well as solos and ensembles. Performs for the school at home football games and various concerts throughout the year. Marching band is required.

Advanced Band courses are available for zero period-see Band Director to audition

## **Chorus**

### **Chorus I, II, III, IV 1303300, 1303310, 1303320, 1303330**

1 Credit – 2 semesters

Grade Level: 9, 10, 11,12

Prerequisite: Teacher approval for III, IV, and V

Extends experiences in basic vocal production techniques and part singing. Content includes musicianship skills such as choral performance techniques, vocal tone production, musical literacy, and music listening.

Advanced Chorus classes are available for zero period-see Choral Director to audition

### **Intro to Music Performance**

½ credit-1 semester

Grade Level: 9,10,11,12

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Students will develop a working knowledge of various musical instrument families. These families may include guitar, piano, string, woodwind, brass, percussion, and world instruments as well as the human voice. Students will learn fundamental playing techniques, including hand positions, posture, fingering systems and characteristic embouchure, breathing and tone production where applicable. Students will develop foundational music techniques, music literacy, listening skills and aesthetic awareness. Students will also explore the role that each instrumental family played in history and culture.

### **Music of the World 13003400**

½ credit-1 semester

Grade Level: 9, 10, 11, 12

For students with little or no background in music. Students learn how music is produced, the history of music, and how to read basic musical rhythms.

### **Guitar 13013200**

½ credit-1 semester

Grade Level: 9, 10, 11, 12

Students will learn to play Guitar for the first time.

## **Foreign Language**

### **Spanish I 0708340**

1 Credit – 2 semesters

Grade Level: 9,10,11,12

This is an introductory course for Spanish language and culture which includes skills in listening and speaking, with special attention to pronunciation, an introduction to reading and writing, and the fundamentals of grammar and culture.

### **Spanish II 0708350**

1 Credit-2 semesters

Grade Level: 10, 11, 12

Prerequisite: Spanish I

Continuation of the study of the Spanish language and culture

### **Spanish III Honors 0708360**

12

Grade Level: 11,

1 Credit- 2 semesters

Prerequisite: passing grade in Spanish II

### **French I 0701320**

1 Credit-2 semesters

Grade Level: 9, 10, 11

This is an introductory course for French language and culture which includes skills in listening and speaking, with special attention to pronunciation, an introduction to reading and writing, and the fundamentals of grammar and culture.

### **French II 0701330**

1 Credit-2 semesters

Grade Level: 10, 11, 12

Prerequisite-passing grade in French I

## **Physical Education**

**Course offerings may vary depending upon enrollment and student interest.**

**NOTE: Students can take Personal Fitness online along with a semester PE course to meet their graduation requirements.**

### **Team Sports I, II 1503350, 1503360**

½ Credit – 1 Semester

Grade Level 9, 10, 11, 12

Acquire strategies of team sport play, develop skills in selected team sports, and maintain and/or improve personal fitness.

**HOPE 1506320**

1 Credit-2 Semesters

Grade Level: 9, 10, 11, 12

This course covers both physical fitness and health and meets the graduation requirements for PE.

**Weight Training I, II, III 1501340, 1501350, 1501360, Pwr Weight Training 1501410**

½ Credit — 1 semester each

Grade Level: 9, 10, 11, 12

Provides opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as in later life.

**Individual Sports I, II, III 15024100**

½ credit-1 semester

Grade Level: 10, 11, 12

Physical conditioning program for student athletes.

**Recreational Activities 15024700**

½ credit-1 semester

Grade Level: 10, 11, 12

Students will have the opportunity to play a variety of games/sports such as tennis, dodge ball, and frisbee. The focus will be on recreation rather than competitive sports.

**Volleyball 1505500**

½ credit-1 semester

Grade Level: 10, 11, 12

## **ROTC**

The Naval Junior Officers Training Corps (NJROTC) Program is designed to acquaint students with the following life skills: leadership, resourcefulness, personnel management, Naval history, modern technology, oceanography, space science, and personal fitness and self-discipline.

**Two credits of ROTC will satisfy the requirements for both physical education and performing arts.**

**Naval Science I 1802300**

1 Credit – 2 semesters

Grade Level: 9,10,11,12

This course is designed to give students a “head start” by developing self-discipline, confidence and the leadership skills to meet life’s challenges. The curriculum also includes subjects such as leadership, naval history, citizenship, oceanography, naval ships, aviation and military drill. The course is conducted by formal classroom training supplemented by cruises aboard ships and field trips to military facilities. Students are provided an opportunity to participate in sporting, marksmanship and other competitive events. All books and uniforms are provided to the student free of charge.

**Naval Science II 1802310**

1 Credit – 2 semesters

Grade Level: 10,11,12

Prerequisite: 1 year in any ROTC program/Teacher approval

This course includes advanced topics in naval science, leadership and military drill. Students are expected to assist junior cadets in these fundamentals, especially drill. Course material includes shipboard organization, naval weapons, meteorology and weather, and rules of the nautical road.

**Naval Science III 1802320**

1 Credit – 2 semesters

Grade Level: 11,12

Prerequisite: 2 years in any ROTC program/Teacher approval

Continues topics on leadership, military justice, astronomy, maneuvering board, sea power and national security, among others. In military drill, cadets are expected to be leaders and teachers of first-year cadets.

**Naval Science IV 1802330**

1 Credit – 2 semesters

Grade Level: 12

Prerequisite: 3 years in any ROTC program/Teacher approval

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Focuses on leadership. Readings, videos, and case studies make up the bulk of the curriculum. Enrollment is contingent upon the approval of the Naval Science Instructor since Naval Science IV students are expected to be officers and senior enlisted staff in the unit.

## SCIENCE

In addition to Environmental Science, Biology, Chemistry, and Physics, EHS offers the following courses:

### **Forensic Science 2002480**

Grade Level: 11, 12

1 Credit-2 semesters (EQ)

This course encompasses topics from Biology, Physics, and Chemistry. Forensics will focus on lab activities collecting data as evidence and then use that evidence to encourage students to communicate their conclusions.

### **Anatomy and Physiology 2000350**

1 Credit — 2 semesters (EQ)

Grade Level: 10, 11, 12

Prerequisite: Biology I

Structures and functions of the components of the human body including anatomical terminology, cells and tissues, various bodily systems, homeostasis, disease process, immune response, inheritance and genetic disorders. Laboratory investigations are part of the course.

### **AP Environmental Science 2001380**

1 Credit – 2 semesters (EQ)

Grade Level:10,11,12

Prerequisite: Teacher approval, Biology I

A college level course in environmental sciences that prepares students seeking credit and/or appropriate placement in college environmental courses. Students who perform successfully on the Advanced Placement exams may receive college credit from participating colleges.

## Social Studies

In addition to courses in World History, American History, American Government, and Economics, EHS offers the following:

### **AP Human Geography 2103400**

1 credit—2 semesters

Grade Level: 10, 11, 12

Prerequisite: Teacher recommendation

The purpose of this course is to enable students to develop higher levels of concepts and skills related to Human Geography.

### **AP Microeconomics/ AP Govt 2102370/2106420**

Grade Level: 12

1 credit—2 semesters

Prerequisite: Teacher recommendation

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. Students acquire a critical perspective of politics and government in the United States. They learn general concepts used to interpret American politics and analyze specific case studies. Students also become familiar with the various institutions, groups, beliefs and ideas that constitute the American political perspective.

### **AP Psychology 2107350**

Grade Level: 10, 11, 12

1 credit—2 semesters

Prerequisite: Teacher approval

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavioral interaction, and the progressive development of individuals. This will better prepare them to understand

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their own behavior and the behavior of others. This course will include the following topics: research methodology biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, theory psychological testing, abnormal psychology, treatment of psychological disorders, and social psychology

**AP Seminar 1700500**

Grade Level: 9,10,11,12

1 credit-2 semesters

This course will prepare students for the rigor of college level courses. Students will learn to consider an issue from multiple perspectives, identify credible sources, evaluate strengths and weaknesses of arguments, and make logical evidence-based recommendations. Students will complete a team project, an individual paper and presentation, and a written AP exam. Students can earn college credit with a passing score on the AP exam.

**African History 2109330**

Grade Level: 10, 11, 12

½ credit-1 semester

The primary content emphasis for this course pertains to the study of the chronological development of Africa by examining the political, economic, social, religious, military and cultural events that affected the continent. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of the continent including, but not limited to, the physical geography of Africa, prehistory on the African continent, early African civilizations and empires, traditional African religious tradition and cultures, colonialism in Africa, the evolution of political systems and philosophies in African societies and nations, African independence movements and nationalism, major historical figures and events in African history, and contemporary African affairs.

**African American History 21003350**

Grade Level: 10, 11, 12

½ credit-1 semester (will also meet virtual requirement for graduation)

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.

## **Mathematics**

In addition to the required courses in Algebra I, Geometry, EHS offers the following:

**Liberal Arts Math 1207300**

Grade Level: 10

1 credit-2 semesters

This course will provide students with a review of algebra and prepare them for the Alg 1 EOC.

**Informal Geometry 1206300**

Grade Level:10, 11

1 credit-2 semesters.

This course will provide students with a foundation in geometry. It is an introductory level course to prepare students for success in geometry and the geometry EOC.

**Financial Algebra 1200387**

Grade Level: 11, 12

1 credit-2 semesters

This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content including Algebra and Geometry. The financial literacy focus of this course provides a real-life framework to apply upper-level mathematics standards. In our consumer-based society, a mathematics course that addresses the results of financial decisions will result in more fiscally responsible citizens. This course will give students the opportunity to apply mathematics found in financial topics such as personal investments, retirement planning, credit card interest, and savings.

**Math for College Readiness 1200700**

Grade Level: 11, 12

1 credit-2 semesters

This course is targeted for students who are not yet "college ready" in mathematics or simply need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

**Algebra II 1200330**

Grade Level: 10, 11, 12

1 credit-2 semesters

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

**Algebra II Honors 1200340**

Grade Level: 10, 11, 12

1 credit-2 semesters

Prerequisite-teacher approval

**Pre Calculus Honors 1202340**

Grade Level: 11, 12

1 Credit—2 semesters

Prerequisite: Teacher approval, successful completion of geometry and Algebra II

**AP Calculus AB 1202310**

Grade Level: 12

1 Credit—2 semesters

Prerequisite: Teacher approval, successful completion of pre-Calculus  
College level course in calculus

**Statistics Hon 1210300**

Grade Level: 11, 12

1 Credit—2 semesters

Prerequisite: Teacher approval, successful completion of geometry and Algebra II

**AP Statistics 1210320**

Grade Level: 11, 12

1 Credit—2 semesters

Prerequisite: Teacher approval, successful completion of geometry and Algebra II  
College level course in calculus