# Alonso High School Curriculum Guide 2024-2025

8302 Montague Street Tampa, FL 33635

## Dear Student,

It is my great pleasure to introduce to you the course description catalog for Alonso High School. It is written in a detailed format to aid you and your parents in selecting academic courses and electives for the next school year. Even though courses are listed in this directory and on the programming sheets, please understand that each class must have sufficient enrollment to remain on the school's master schedule; if not, the next elective class of choice will be assigned. Therefore, please be very selective when making alternate course choices.

It is the goal of this faculty and staff that all students be prepared not only for the near future of work and/or post-secondary education, but also with the tools and strategies to be life-long learners. To this end, the administration expects students to be programmed into challenging academic classes, high interest elective classes, and technologically rigorous classes. School counselors, teachers, and administrators will work with all students to ensure that the opportunity for a quality education is available to everyone.

This guide, along with parent, teacher, and peer input, should be used when selecting classes for the upcoming high school years. It is my wish that each and every student have an educational and successful school year here at Alonso where excellence in all undertakings is expected, encouraged, and recognized.

Sincerely,

James Harris Principal







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## **GRADES 9 - 12**

## Students Entering Grade 9 in 2023-2024 and Thereafter

## What Students and Parents Need to Know

## What options lead to a standard diploma?

Successful completion of one of the following options:

- 24 credits
- · Advanced International Certificate of Education (AICE) curriculum
- · International Baccalaureate (IB) curriculum
- 18-credit Academically Challenging Curriculum to Enhance Learning (ACCEL)
- Career and Technical Education (CTE) Pathway (See section [s.] 1003.4282, Florida Statutes [F.S.])

## What are the state assessment requirements?

Students must pass the following statewide assessments:

- · Grade 10 English Language Arts (ELA) or a concordant score
- Algebra 1 end-of-course (EOC) or a comparative score

A waiver of assessment results is granted by the Individual Educational Plan (IEP) team for students with disabilities. Additionally, students who have been enrolled in an English for Speakers of Other Languages (ESOL) program for less than two years may meet the requirement for grade 10 ELA by satisfactorily demonstrating grade level expectations of formative assessments.

Refer to <u>Graduation Requirements for Florida's Statewide Assessments</u> for concordant and comparative scores.

Students enrolled in the following courses must participate in the corresponding EOC assessment, which constitutes 30 percent of the final course grade\*:

- Algebra 1
- Geometry
- Biology
- · U.S. History

\*Special note: Thirty percent not applicable if not enrolled in the course but passed the EOC (Credit Acceleration Program [CAP]).

(See s. 1008.22, F.S.)

## What is the difference between the 18-credit ACCEL option and the 24-credit option?

- 2.5 elective credits instead of 7.5
- · Physical Education is not required

## What is the difference between the CTE Pathway option and the 24-credit option?

- · At least 18 credits are required
- 3.5 elective credits instead of 7.5
  - 2 credits in CTE courses, must result in a program completion and industry certification
  - 1.5 credits in work-based learning programs; Physical Education is not required
- Fine and Performing Arts, Speech and Debate, CTE or Practical Arts is not required

## 24-Credit Standard Diploma Requirements

Available To All Students, Including Students With Disabilities

### 4 Credits ELA

- ELA 1, 2, 3, 4
- ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment may satisfy this requirement

### 4 Credits Mathematics\*

- One of which must be Algebra 1 and one of which must be Geometry
- Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry) \*\*
- An identified computer science\*\*\* credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)

### 3 Credits Science\*

- One of which must be Biology, two of which must be equally rigorous science courses
- Two of the three required course credits must have a laboratory component
- Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology)\*\*
- An identified computer science\*\*\* credit may substitute for up to one science credit (except for Biology)

### 3 Credits Social Studies

- 1 credit in World History
- 1 credit in U.S. History
- · 0.5 credit in U.S. Government
- · 0.5 credit in Economics

### 0.5 Credit in Personal Financial Literacy\*\*\*\*

1 Credit Fine and Performing Arts, Speech and Debate, Career and Technical Education, or Practical Arts\*

## 1 Credit Physical Education\*

· To include the integration of health

### 7.5 Elective Credits

Students must earn a 2.0 unweighted grade-point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments.

- \*Eligible courses are specified in the Florida Course Code Directory.
- \*\*Industry certifications for which there is a statewide college credit articulation agreement approved by the State Board of Education may substitute for mathematics and science credit.
- \*\*\*A computer science credit may not be used to substitute for both a mathematics and science credit.
- \*\*\*\*This requirement was added for students entering grade nine 2023-2024 and thereafter.

## **DUAL ENROLLMENT- ON CAMPUS COURSES**

Dual Enrollment is a program that allows high school students to earn credit toward a postsecondary diploma, certificate, or degree at a Florida public institution and toward a high school diploma. Students who successfully complete dual enrollment courses will save time toward their college degree and save money with free tuition and, if a public school student, free textbooks.

The following Dual Enrollment courses will be potentially offered on campus at Alonso High School through Hillsborough Community College during the school day or after school depending on enrollment requests. Students must have and maintain a 3.0 unweighted GPA to be eligible for Dual Enrollment. Some classes require college placement scores – see Prerequisite Requirements and the chart below to determine scores needed

Dual Enrollment courses are weighted .08 higher than regular classes, and can improve a student's GPA and prepare students for college. The additional .08 will only be added to Dual Enrollment courses where the student received a final semester grade of a 'C' or higher. Since Dual Enrollment courses are college courses, they will be on student college transcripts.

Dual Enrollment courses are primarily 3 college credits, so they will only meet 3 days per week for one semester.

## College Placement Test Scores Requirement for Dual Enrollment:

- o Be a high school student with a 3.0 cumulative unweighted GPA
- Achieve and provide official college placement scores not more than two years old
- o Note: if you wish to take the PERT at an HCC campus, you must have a completed HCC application

PERT	SAT	SAT	ACT
	(Before March 2016)	(After March 2016)	
Reading 106	Reading/Verbal 440	Reading 24.0	Reading 19
Writing 103	N/A	N/A	English 17
Math 114*	Math 440*	Math 24.0*	Math 19*

<sup>\*</sup>MAC 1105 requires 123 for PERT, 510 for SAT (old), 27.0 for SAT (new), and 21 for ACT

## SLS 1106 FIRST YEAR EXPERIENCE

3 credit hours at Hillsborough Community College Prerequisites: 3.0 unweighted GPA

This course emphasizes early academic planning that aligns students' aptitudes, career interests, and life goals. In addition to the early development of a comprehensive academic/life plan, first-time-incollege students will learn about HCC's support services and how to navigate toward successful completion of courses and programs. Moreover, students will engage with the College community in meaningful ways that help prepare them to realize their academic and career goals. Pedagogical approaches include lecture, faculty-advisor partnership, peer group collaboration, library research, self-exploration, written reflection, oral presentation, experiential learning, and other modalities.



## **AP COURSE OFFERINGS**

Parents and students wanting more details on topics covered in any Advanced Placement (AP) class should visit this website for complete descriptions: <a href="http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html">http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html</a>. Advanced Placement classes are weighted .08 higher than regular classes, and can improve a student's GPA and prepare students for college. The additional .08 will only be added to AP courses where the students received a final semester grade of a "C" or higher.

There is a considerable amount of study time involved in Advanced Placement classes, and students should be sure that they are willing to commit to extra time to complete reading and assignments. Students can earn early college credit for scores of 3 or higher on Advanced Placement exams. The individual college or university determines how many, or if, any credits will be granted for the AP exam score. Please contact the individual college or university to see if your AP score will be granted college credit. All students taking Advanced Placement classes will be REQUIRED to take the national Advanced Placement exam for that class. There is no cost; however, students who skip the exam will be charged \$93 for each exam.

Students who choose to enroll in these challenging Advanced Placement college courses <u>will not be removed from these courses</u> <u>once the school year begins.</u> Because of this, AP students should discuss whether these courses are appropriate for them with their current teachers, their parents, and their counselors during programming.

## ART AP 2D ART PORTFOLIO / AP DRAWING

1 credit Grades 11-12

Prerequisite: Drawing 1/2, Portfolio Development Honors Drawing <u>and</u> Teacher Approval. This course satisfies the Fine Arts graduation requirement.

Students work in a self-directed environment to develop a 5-piece portfolio of work that will be digitally submitted to AP Central during the first week of May. The first part of the portfolio will be comprised of twelve (10) exceptional "Breadth" works that will showcase the student's mastery in a variety of media and artistic techniques. The second part of the portfolio will be made up of twelve (15) sustained investigations or "Inquiry" pieces made up of works representing an in-depth exploration of a particular 2-D design concern.

\*Taking the Portfolio Development Honors class, the year prior to AP Drawing is strongly recommended due to the amount of work that is required for the AP Portfolio. Personal supplies required.

## **COMPUTER SCIENCE**

## **AP COMPUTER SCIENCE PRINCIPLES**

1 credit Grades 10-12

AP Computer Science Principles is a rigorous, entry-level course that introduces students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. The course maintains five core units of study, with a sixth unit devoted almost exclusively to students working on their AP Performance Task projects. The performance task submission deadline is the end of April and the written AP Exam is in May. All students are required to submit performance tasks and take the AP exam.

## **ENGLISH**

## AP LANGUAGE & COMPOSITION (AP English 3)

1 credit Grade 11

Prerequisite: Teacher Recommendation and "B" in English Honors

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods. All students enrolled in the course are required to take the semester I exam and the AP Language Arts exam in May.

## AP LITERATURE AND COMPOSITION (AP English 4)

1 credit Grade 12

Prerequisite: Teacher Recommendation; "B" in English III Honors or AP English Language

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

## **MATHEMATICS**

## AP CALCULUS AB

1 credit Grades 11-12

Prerequisite: Pre-Calculus with a "B' or better, and Teacher Approval

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

1 credit

Grades 11-12

Prerequisite: AP Calculus AB and Teacher Approval. 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

1 credit

Grades 11-12

Prerequisite: Algebra 2 Honors with a "C" or better and Teacher Approval

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

1 credit Grades 10-12

Prerequisite: Biology Honors with an "A" for both semesters.

Co-requisite: Biology 2 Honors

The purpose of this course is to provide a college level course in the biological sciences and to prepare the student to seek credit and/or appropriate placement in college biology courses. The content will include molecular and cellular biology, heredity and evolution, organism biology, and population biology. Specific hands-on, quantitative laboratory activities are course requirements including biotechnology. Students are required to take the AP examination. Up to eight college credits can be earned. Students must co-enroll in the companion class Biology 2 Honors.

## AP CHEMISTRY

1 credit

Grades 11-12

Prerequisite: Chemistry Honors with a B or higher; Teacher

Approval.

Co-requisite: Chemistry 2 Honors

The purpose of this course is to provide a college level course in chemistry and to prepare the student to seek credit and/or appropriate placement in college chemistry courses. The content will include structure of matter, states of matter, chemical reactions, equilibrium and kinetics, nuclear chemistry and descriptive chemistry. All students enrolled in Advanced Placement Chemistry are required to take the national Advanced Placement Chemistry examination. This course prepares students for success in college chemistry courses and teaches basic college survival skills. Up to eight college credits can be earned.

## AP PHYSICS 1

1 credit Grade 11-12

Pre-Requisite: Algebra 2 Honors with an A or B; teacher approval

This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits.

## AP ENVIRONMENTAL SCIENCE

Grades 10-12

Pre-Requisite: Biology Honors with a B or higher; teacher approval Co-requisite: If 10th grade, must be schedule w/Chemistry Honors This course is one of the few AP courses available to all grades 10-12. For sophomores it is a great introduction to an AP science course and will prepare students for the other AP science courses offered here at Alonso. It is a great course for juniors and seniors who are heading towards a STEM career and for those who are not. Here at Alonso we have had a phenomenal success rate in this course with the average pass rate on the national exam over the past seven years being 74%. The purpose of this course is to provide students with a college level course in environmental science and to prepare the student to seek credit and/or appropriate placement in a college science program. The content will include but not be limited to current and historic environmental issues such as energy, water, food, air, waste, biodiversity, and human's impact on the ecosystem. Specific laboratory activities are course requirements. All students enrolled in AP Environmental Science must do the National AP Environmental Science exam for that year.

## **SOCIAL STUDIES**

## AP WORLD HISTORY

1 credit Grade 10

Co-requisite: English Honors

Prerequisites: AP Human Geography and Teacher recommendation This class meets World History requirements for graduation. This class is taught at the college level. Pretend that you are Indiana Jones! Visit different places all over the world and investigate the mysteries of ancient and modern civilizations. A.P. World History is a college level course offered through the College Board's Advanced Placement Program. It is designed to help students develop a greater understanding of different societies, civilizations and cultures and the contacts that occurred between them. This course is truly a world history course in the sense that it provides an in-depth historical coverage of East-Asian, South Asian and Middle Eastern civilizations as well as an exposure to Western and Latin American civilizations. The chronological period is from 1200 CE to the present. College level reading and writing will be required. Upon completion of this course, students will take the AP exam and have the potential to earn six college credits.

## AP UNITED STATES HISTORY

1 credit Grade 11

Co-requisite: English 3 Honors or higher

Prerequisites: World History Honors or AP World and **Teacher Recommendation. This class is taught at the college level.** 

Meets US History requirement for graduation.

Do rebellions, revolutions and wars interest you? Do you want to know why our country is the way it is today? Then APUSH might be the class for you! AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Upon completion of this course, students will take the AP exam and have the potential to earn six college credits.

## AP PSYCHOLOGY

1 credit Grades 10-12

Prerequisite: Teacher Recommendation.

WANTED: College bound sophomores, juniors, and seniors with motivation who are looking to finally study something useful! Slackers need not apply! In AP Psychology, we will scientifically study the causes of behavior, and prepare you to deal with the array of personalities you're destined to meet in the future. Students in AP Psychology are most successful when they possess strong reading skills, time management skills, and a well-defined work ethic. **This class is taught at the college level**. All students will take the AP Exam in May and possibly earn 3 college credits at high school prices-- FREE!

## AP MACROECONOMICS/MICROECONOMICS

1 credit Grade 12

Prerequisite: US History Honors or AP, Teacher Approval;

Meets economics requirements for graduation

These classes are designed to provide students with a complete understanding of how economies work, both at a macro and micro level. The classes will begin with basic economic concepts before exploring both the macro and microeconomic aspects. Within the macroeconomic half of the class, students will cover a wide variety of topics dealing with ways to measure an economies' performance to understanding the role of unemployment, prices and economic growth. The microeconomic half of the class will focus in on the economy at an individual basis. Students will be able to explain the working of supply and demand, the role of factor and product markets and the role of other factors that control our economies. Upon completion of these courses, students will take the AP exams and have the potential to earn six college credits.

## AP HUMAN GEOGRAPHY

1 credit

Grades 9-11

Co-Requisite: English Honors

Prerequisite: Teacher Recommendation

The focus of AP Human Geography is on more than physical geography; this course investigates how the geography of the earth affects human settlement and how human activities change our world. We will explore a number of topics including population, culture, economic land use, urbanization, and globalization. The course is an excellent way to earn college credit and will take what you have learned in previous social studies classes and apply it to the world you live in. You will leave this class with a new appreciation of the world and a "geographic imagination." Upon completion of this course, students will take the AP exam and have the potential to earn three college credits.

## AP US GOVERNMENT

1/2 credit Grade 12

Co-Requisite English Honors or Higher

Prerequisite: World History Honors or American History Honors and Teacher recommendation. This class is taught at the college level.

Interested in politics? Want to know what rights you really have? This year long course offers students the ability to explore the varying types of governments around the world as well as take an in-depth look at the government structure of the US. To become more informed citizens, students will participate in activities to develop an understanding of how political beliefs are formed, the role media plays in politics and the role of politics in government. Upon completion of this course, students will take the AP exam and have the potential to earn three college credits.

## **WORLD LANGUAGE**

## AP SPANISH LANGUAGE

1 credit

Grades 11-12

Prerequisite: Spanish 2 Native Speaker or Spanish 3 Honors; Teacher approval

In this course, students will develop language skills through the analysis and discussion of engaging and culturally relevant texts. Students must think critically about and express their opinions on contemporary issues in a global context, gaining insights as they compare Spanish-speaking cultures to their own. The course is conducted entirely in Spanish. All students enrolled in this course are required to take the semester I exam and the Spanish AP Language exam in May.



## **MUSIC**

## **MUSIC THEORY**

1 credit

Grades 11-12

Prerequisite: Teacher Approval

The AP Music Theory course corresponds to one-to-two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sightsinging, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

## TRADITIONAL COURSE OFFERINGS

## **AGRICULTURE AND VETERINARY SCIENCES**

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster. It provides technical skill proficiency and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the agriculture mechanics industry within the Agriculture, Food and Natural Resources career cluster. All students in the Agriculture and Veterinary Sciences Programs must complete industry certification coursework and pass the industry certification exam assigned to their program.

## AGRISCIENCE FOUNDATIONS 1

1 credit Grades 9-12

This is an Honors course.

This course was developed as a core and is designed to develop competencies in the areas of agricultural history; global importance of agriculture; career opportunities; applied scientific and technological concepts; ecosystems; agricultural safety; principles of pest management; principles of animal science; and horticulture. Agriculture shop and land laboratory experience are incorporated into this course. In combination with the program, the FFA is a student organization that is an integral part of the course and offers students the opportunity to participate in numerous events and competitions at a local and national level that supplement the learning in the classroom. Every student is expected to obtain an industry certification such as Ag. Associates.

## **TECHNICAL AGRICULTURE OPEATIONS 2**



1 credit Grades 9-12

Prerequisite: Agriscience Foundations 1

This course is designed to develop competencies in the areas of safety; selection of and use of tools; planning and building projects and construction of agricultural structures, including the use of electrical circuits, plumbing, concrete and masonry; and employability skills. The content includes but is not limited to mechanical operations, welding, small engine maintenance and repair, planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues. FFA is the inter-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Every student is expected to obtain an industry certification such as Ag. Associates.

## **TECHNICAL AGRICULTURE OPERATIONS 3-5**

1 credit

Grades 11-12



Prerequisite: Technical Operations 2 or higher

These courses are designed to enhance the skills acquired from Operations 2 and include more extensive knowledge of the mechanical operations of equipment used in agriculture. FFA is the inter-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Every student is expected to obtain and industry certification such as Ag. Associates Every student is expected to obtain an industry certification such as Ag. Associates.

## AGRITECHNOLOGY 1



1 credit Grades 9-12

Prerequisite: Agriscience Foundations 1

This course is designed to develop competencies in the areas of agriscience industry careers; prevention and treatment of livestock diseases; livestock anatomy; wholesale cuts of meat, animal reproduction and identification; animal safety; animal health certification; plant growth; plant fertilization; safe use of pesticides; maintenance of tools and equipment; record keeping; and employability skills. FFA is the inter-curricular career and technical student organization.

## AGRITECHNOLOGY 2



1 credit Grades 10-12

Prerequisite: Agritechnology 1

This course is designed to develop competencies in the areas of welding; small gasoline engine service and repair; preventative maintenance procedures; irrigation system repair; refrigeration; new and emerging technologies; financial management skills; and employability skills. FFA is the inter-curricular career and technical student organization. Every student is expected to obtain and industry certification such as Ag. Associates.

## <u>VETERINARY ASSISTING 1</u>



1 credit Grades 9-12

This is an Honors course.

This course is designed to develop competencies in areas such as the history of the animal industry; applied scientific and technological concepts; safety; terminology; careers; breed identification; animal care; the socioeconomic role of veterinary sciences; animal behavior; animal restraint; and human relations skills. FFA is the inter-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. Students are expected to purchase an insurance policy covering accidental injury and liability at an estimated cost of \$21. Every student is expected to obtain an industry certification such as Ag. Associates.

## **VETERINARY ASSISTING 2**



Grades 10-12

Prerequisite: Veterinary Assisting I.

This is an Honors course.

This course is designed to develop competencies in areas such as taking vital signs and basic animal first aid; use of veterinary tools and equipment; breed and husbandry practices; identification methods; and functions of physiological systems. FFA is the inter-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. Students are expected to purchase an insurance policy covering accidental injury and liability at an estimated cost of \$21. Every student is expected to obtain an industry certification such as Ag. Associates.

## **VETERINARY ASSISTING 3**



1 credit Grade 11-12

Prerequisite: Must have completed Veterinary Assisting 2.

This is an Honors course.

This course is designed to develop competencies in areas such as animal digestive systems; animal reproductive systems and breeding; animal control and welfare organizations; preventative medicine; animal population management; animal related laws; employability skills; and breed and husbandry practices. FFA is the inter-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. Students are expected to purchase an insurance policy covering accidental injury and liability at an estimated cost of \$21. Every student is expected to obtain an industry certification such as Ag. Associates.

## **VETERINARY ASSISTING 4**



1 credit Grades 12

Prerequisite: Must have completed up to Veterinary Assisting 3.

This is an Honors course.

This course is designed to develop competencies in areas such as animal welfare and rights; research; record keeping; sanitation for animal facilities; diagnostic testing and operation of medical equipment; disease and parasites. FFA is the inter-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. Students are expected to purchase an insurance policy covering accidental injury and liability at an estimated cost of \$21. Every student is expected to obtain an industry certification such as Ag. Associates.

## AGRICULTURE AND NATURAL RESOURCES DIRECTED STUDIES

1 credit Grade 12

Prerequisite: Veterinary Assisting 4

This course is designed to develop competencies in areas such as grooming, captivity of exotic animals; genetics and biotechnology in reproduction; surgical preparation and assisting; proper use of medical instruments and equipment; and pharmacology. FFA is the inter-curricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. Students are expected to purchase an insurance policy covering accidental injury and liability at an estimated cost of \$21.

## ON THE JOB TRAINING (OJT)

Multiple credits Grades 11-12

Co-requisite: Have been or are currently enrolled in a CTE course and are gainfully employed.

Cooperative Diversified Education (CDE) gives the student an opportunity to gain professional job experience related to a career goal. The purpose of this course is to provide on-the-job training through an elective class that permits a student to be released from the high school campus to work part-time in a job. The student must be compensated for work performed. Students may earn multiple credits in this course. Students enrolled in this course must be employed at the start of the school year (August) and remain employed throughout the school year.

## ARMY IROTC

Army JROTC (Leadership Education Training) LET I-IV This program is offered to students from the 9th to 12th grade. Currently two years of JROTC will waive the HOPE requirement. Two years will also waive the Performing/Fine Arts requirement.

There is no requirement to join the military service but graduates who desire to do so after three years of JROTC can enter with the rank of Private First Class (E-2). Special assistance is available for those seeking college scholarship or entry in the military academies.

Junior ROTC is a high school course you take during regular school hours but includes many out-of-classroom activities. Cadets are required to wear the cadet uniform one day per week and meet grooming requirements. We cover the basics of history, government, technology awareness, and current events. We also teach leadership skills and personal skills (how to study, take tests and interview for jobs). We offer extracurricular activities like Drill team, Rifle team, Color Guard and Raider Challenge team. You might even get the chance to go to a JROTC summer camp where you will train on confidence courses, rappelling, and learn land navigation and water safety techniques.



## INTRODUCTION TO LEADERSHIP I

1 credit Grade 9-12



Prerequisite: None

The following units are included in the first year of ROTC: Spirit of American Citizenship, military history, purpose, organization, customs, courtesies, and traditions of the military. Also, leadership traits, principles and styles, techniques of communication, drug abuse prevention, first aid and health, map reading, marksmanship, and physical fitness are taught. Military skills are taught in leadership laboratory style where cadets are in follower or low-level leadership roles. Subjects taught in successive years increase in content and complexity.

## **ART**

All courses in this section satisfy the Fine Arts graduation requirement.

## DRAWING 1



1 credit Grades 9-12

Students experiment with the media and techniques used to create a variety of two-dimensional artworks through the development of skills in drawing. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands on activities and consumption of art materials.

## PAINTING 1

1 credit Grades 9-12

This course introduces students to develop an understanding of various sketching and painting techniques. Students will be given the opportunity to explore painting with watercolors, tempera, and acrylics. This course incorporates hands-on activities and consumption of art materials. Students will create a variety of individual and collaborative works of art through the development of skills in painting. They will understand composition, art history, and the importance of the elements and principles of art.

## PORTFOLIO DEVELOPMENT HONORS DRAWING

1 credit Grades 10-12



Prerequisite: Drawing 1 or Painting 1; Teacher Recommendation Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated, and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, and/or mixed media that emphasizes line quality, rendering of form, composition, surface manipulation, and/or illusion of depth. Students regularly reflect on aesthetics and art issues individually and as a group and focus on expressive content that is progressively more innovative and representative of student's artistic and cognitive growth. In keeping with the rigor expected in an

accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

## **CERAMICS/POTTERY 1**



1 credit Grades 9-12 \$20.00 fee

This course offers students a basic understanding of the ceramic processes, clay construction, surface decorative techniques, and use of ceramic tools. The course requires a sketchbook, basic materials, and explores art criticism

## **CERAMICS/POTTERY 2**



1 credit Grades 10-12 \$20 fee

Prerequisite: Ceramics and Pottery 1 or 3D Art

Students further explore the methods of ceramics and pottery through hand-building, glazing, mold making, and wheel throwing techniques at an advanced level. Projects will include research and development. Craftsmanship and quality will be reflected in the surface and structural qualities of the completed art forms. Students in the ceramics/pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hand-on activities and consumption of art materials. The course requires a sketchbook, basic materials, and explores art criticism.

## **CERAMICS/POTTERY 3**



1 credit Grades 10-12 \$20.00 Fee

This course offers students an advanced understanding and exploration of ceramics/pottery. Content includes efficient production of functional and decorative design, the formation of larger and more complex pottery, demonstration of efficient skills in methods and techniques with emphasis on use of the potter's wheel and tools, preparation of clay bodies, formulation of glazes, use of kilns and an understanding of firing techniques. Students are required to provide their own plastic bags and paper towels for completion of their projects. The course requires a sketchbook, basic materials, and explores art criticism

## **AVID**

(Advancement Via Individual Determination)

AVID 1, 2, 3, 4



1 credit each Grade 9-12

Advancement Via Individual Determination AVID'S ultimate goal is to prepare students for a future as productive and successful members of society.

### Why take AVID?

- Are you planning or just thinking about attending college?
- Do you need help in staying organized?
- Would you like to be able to go to tutoring but you have no time?
- Not sure what you want to be when you go into the work force.
- Could you use an Honors boost to your GPA?

Then AVID is for you!



## **BUSINESS TECHNOLOGY**

ACCOUNTING APPLICATIONS 1 HONORS





This honors level course is an introduction to both business and accounting. The primary purpose is to analyze the accounting cycle, including learning the rules of double-entry accounting, financial statements and basic bookkeeping. The course also covers general business topics including business ownership. Portions of the course are devoted to personal finance topics such as taxes, check writing, budgeting, ethics and workplace skills. The course serves as a great foundation for students looking to pursue any business field.

## **ACCOUNTING APPLICATIONS 2, 3 HONORS**



Grades 10-12

The upper level accounting courses are designed to further the students' understanding of accounting concepts. The course reviews the basic accounting cycle and pushes into more advanced topics including inventory, depreciation, stocks, adjustments and corporate financial statements. Computerized accounting is instituted with focus on spreadsheets and other software when applicable.

## PRINCIPLES OF ENTREPRENEURSHIP

1 credi

Grades 9-12

Do you want to own your own business or create your own product? This course provides instruction in the basic principles of entrepreneurship including the role of the entrepreneur, entrepreneurship as a career, ethics in business, and the principles of marketing, financing, and managing a business. Students evaluate business opportunities; competition; advertising; pricing and product creation. Students will pass the Entrepreneurship Certification exam as a component of the course.

## **ENTREPRENEURSHIP 2**

1 credit

Grades 10-12

Prerequisites: Entrepreneurship 1

Students will build upon knowledge gained in Principles of Entrepreneurship. The course will dive deeper into concepts related to business formation, legal issues, bookkeeping and corporate ownership.

## **CRIMINAL JUSTICE OPERATIONS**

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

## CRIMINAL JUSTICE OPERATIONS 1



1 credit Grades 9-12

This course is to introduce the student to the history, goals, and career opportunities in the criminal justice profession. It also covers ethics and professionalism, constitutional and criminal laws, court and trial process, juvenile justice system, and the correctional system. Students will also be instructed on personal, interpersonal, and communication skills as well as demonstrate employability skills.

## **CRIMINAL JUSTICE OPERATIONS 2**



1 credit Grades 10-12

Prerequisites: Criminal Justice 1

This course is to introduce the student to the characteristics and procedures of patrol, complete written reports, and crime prevention programs. Students will also describe guidelines for Use-of-Force, perform CPR/ first aid techniques, and procedures to protect from bloodborne pathogens. Training for Traffic Control Officer and Parking Enforcement Specialist IAW Florida Statute 316.640 will be accomplished

## CJ 3 - 911 DISPATCHER

1 credit Grades 11-12



Prerequisites: Criminal Justice 1 & 2

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety & Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety & Security career cluster. Every student is expected to obtain an industry certification such as 911 Public Safety Telecommunicator.

## **CRIMINAL JUSTICE OPERATIONS 4**



1 credit Grade 12

Prerequisites: Criminal Justice 1, 2, & 3

The purpose of this program is to prepare students for employment as a Private Security Officer and Public Service Aide. The content includes, but is not limited to, legal issues, basic first aid, emergency procedures, ethics and professional conduct, access control, patrol techniques, report writing, interview techniques, fire safety, crime and accident prevention and protection, terrorism awareness, public relations, courtroom procedures, communication skills, and personal protection. This course also introduces the student to the crime scene safety, conducting criminal investigations, conducting forensic processing, and complete property control procedures. Every student is expected to obtain an industry certification such as 911 Public Safety Telecommunicator.



## **ENGLISH AND LANGUAGE ARTS**

## **ENGLISH 1, 2, 4**

1 credit each Grades 9-12

These courses provide instruction in English language skills including reading, writing, speaking, and listening in the content areas of literature, grammar, vocabulary and composition.

## **ENGLISH HONORS 1, 2, 4**

1 credit each Grades 9-12

Prerequisite: Level 3 or higher on FSA ELA; Teacher Recommendation

These courses, best suited for college bound students, promote academic excellence in English language arts through enriched experiences in literature, writing, speaking, and listening. Emphasis is placed on higher order thinking skills and activities and will include numerous projects.

## **CAMBRIDGE AICE GENERAL PAPER 1**

1 credit Grades 11 Will count as an English credit for high school graduation (does not count as English Composition college credit, but as an English elective college credit) This syllabus builds learners' ability to understand and write in English through the study of a broad range of contemporary topics. They will analyze opinions and ideas and learn how to construct an argument. This syllabus develops highly transferrable skills including: • How to develop arguments and present reasoned explanations • A wider awareness and knowledge of current issues • Independent reasoning, interpretation and persuasion skills • The ability to present a point of view clearly and reflect upon those of others.

## LITERATURE AND THE ARTS I and 2



1/2 credit (per class) Grades 9-12

This course satisfies the Fine Arts graduation requirement. Mythology and Folklore will introduce students to the art and literature of this genre.

## **ENGLISH 1, 2, 3, and 4 THROUGH ESOL**

1 credit each Grades 9-12

These courses provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. The content includes 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; understanding and using

language successfully to impact readers, writers, listeners, speakers, and viewers.

## ENGLISH LANGUAGE DEVELOPMENT

1 credit each Grades 9-12

The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of activities and content areas. The content will include vocabulary for formal and informal conversation, reading and writing skills, and integrated communication skills for school and work. This course may be repeated by a student for multiple credits.

## **CREATIVE WRITING 1**



1/2 credit Grades 9-12

This course develops students' writing and language skills needed for individual expression in literary forms. The content includes instruction in the development and practice of a variety of writing genres like poetry, short stories, and plays.

## **CREATIVE WRITING 2**



1/2 credit Grades 9-12

This course further develops students' writing and language skills needed for individual expression in literary forms. The content includes instruction in the development and practice of a variety of writing genres like poetry, short stories, and plays.

## JOURNALISM 1



1 credit Grades 9-12

The purpose of this course is to provide instruction in basic aspects of journalism and workshop experience in journalistic production. This course supplies the foundation for future courses of study in Newspaper, Yearbook, or TV Production.

## JOURNALISM 2 (Newspaper or Yearbook)



1 credit

Grades 10-12

Prerequisite: Journalism 1 and Teacher Approval This course provides practical experience in successful news gathering techniques, practice in journalistic writing, news gathering techniques, practice in journalistic writing, and opportunities to explore careers in journalism. The content includes frequent practice in gathering information and in writing news, sports, feature articles, and editorials. Organization and management techniques relating to journalistic productions, including leadership skills, record keeping, time management, utilization of personnel, and task organization is stressed.

## JOURNALISM 3 (Newspaper or Yearbook)



1 credit

Grades 11-12

Prerequisite: Journalism 2 and Teacher Approval The purpose of this course is to provide intermediate instruction in writing and production skills related to various journalistic media. The content includes instruction and practice in applying all aspects of the writing process, including pre-writing, drafting, editing, and proofreading, to written work prepared to journalistic standards. Organization and management techniques relating to journalistic productions will be stressed, including leadership skills, record keeping, time management, utilization of personnel, and task organization. Workshop experiences in producing various kinds of journalistic products should provide practice in the development of these skills.

## JOURNALISM 4 (Newspaper or Yearbook)



1 credit

Grade 12

Prerequisite: Journalism 3 and Teacher Approval

The purpose of this course is to provide advanced instruction in journalistic writing and production techniques. The content includes instruction and practice in applying all aspects of the writing process, including pre-writing, drafting, editing, and proofreading, to written work prepared to journalistic standards. Organization and management techniques relating to journalistic productions will be stressed, including leadership skills, record keeping, time management, utilization of personnel, and task organization. Workshop experiences in producing various kinds of journalistic products should provide practice in the development of these skills.

## **WRITING 1**

.5 credit Grade 9

Placement is determined by FSA ELA score.

The purpose of this course is the development of writing and language skills in a variety of writing formats. These include argumentative, informative, and narrative purposes to ensure preparation for college and career readiness.

## **THEATRE**



1 credit each Grades 9-12

This course satisfies the Fine Arts graduation requirement
Students learn to communicate effectively, both verbally and nonverbally; develop and build critical listening and collaborative
skills, and think and solve problems quickly and appropriately
on the spot, which transfers well to academic, career, and social
arenas. No after school commitment is required.





1 credit each Grades 9-12

This course satisfies the Fine Arts graduation requirement
Through improvisation, simple scripted scenes, performance
projects, and/or practical application, students learn to identify what

makes performances believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students have a strong foundation for future scene work, script analysis, and play production. Students will be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course is part of the production program at Alonso HS: Encore.

## MUSICAL THEATRE 1-3



1 credit each Grades 9-12

This course satisfies the Fine Arts graduation requirement
Students' course work focuses on, but is not limited to, acting, vocal
performance, dance, non-dance movement, and staging, which
transfer readily to performances in musicals. This course
requires after school participation.

## THEATRE 1-4



1 credit Grades 9-12

This course satisfies the Fine Arts graduation requirement. This course provides in-depth experiences in the study and practice of theatre arts and literature. The content includes an overview of the history of the theatre and literature of the theatre. Students are introduced to the fundamentals of theatre production including scenery construction, costuming, lighting and makeup.

## THEATRICAL DIRECTION & STAGE MANAGEMENT

1 credit Grade 10-12

This course satisfies the Fine Arts graduation requirement. Students learn how to select, organize, and mount formal and informal staged productions by means of exploring the leadership roles of director and stage manager. Students should have taken at least Acting 1 and/or Tech Theatre 1 before taking this course.

## TECH THEATRE DESIGN AND PRODUCTION 1-4



1 credit

Grades 9-12

Students focus on developing the basic tools and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Students will be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course is part of the production program at Alonso HS: Encore.

## THEATRE, CINEMA AND FILM PRODUCTION

1 credit

Grades 9-12

In Theatre, Cinema, and Film Production students explore the elements of film and cinematic techniques used by those who create movies. Watch films that have had an impact on the film industry and learn how the history and evolution of film influence the future of the entertainment industry. Students study the techniques in film that serve the story and articulate the theme.

## **MARKETING**

The Marketing, Fashion and Customer Service Representative courses at Alonso are geared to help develop an understanding of the business world of marketing, selling, and advertising. The background knowledge of the foundations and functions of Marketing allows students to grow through hands-on projects. After completing Marketing Essentials, students will be able to pick a concentration in either Fashion or Marketing to complete out the program in both the Applications and Management courses. Students will have the opportunity to be part of the co-curricular international, student organization called DECA. All students in the Marketing, Fashion and Customer Service Representative programs are expected to complete industry certification coursework and pass the industry certification exam that is assigned to their program.



Grades 9-12

In Marketing Essentials students will learn how to develop marketing and sales plans with the customer in mind. Students will review the marketing environment to learn market segmentation, target marketing, and the marketing mix (product, price, place and promotion). The goal is the identification and delivery of competitive advantages for businesses and customer satisfaction, which is the key to long-term revenue growth, profitability and success. Hands on projects and activities are included in this course. You have the opportunity to be part of the co-curricular international student organization - DECA and work towards an industry certification. Every student is expected to obtain an industry certification such as Entrepreneurship & Small Business.



## MARKETING APPLICATIONS

1 credit Grades 10-12

Prerequisites: Marketing Essentials

This course is designed to provide students with an in-depth study of marketing in a free enterprise society and includes advertising, promotion, product development and branding, selling and marketing research. This course also includes the uses of technology and the Internet in marketing, purchasing, retail positioning strategies, and e-Commerce marketing. Hands on projects and activities are included in this course. You have the opportunity to be part of the co-curricular international student organization - DECA and work towards an industry certification. Every student is expected to obtain an industry certification such as Entrepreneurship & Small Business.

## MARKETING MANAGEMENT



Grades 11-12

Prerequisites: Marketing Essentials and Marketing Applications This course provides instruction for career-sustaining level of employment in the industry. The content includes applied skills related to marketing functions, employment skills required for success in marketing, and career planning as related to a marketing industry. Hands on projects and activities are included in this course. You have the opportunity to be part of the co-curricular international student organization - DECA and work towards an industry certification. Every student is expected to obtain an industry certification such as Entrepreneurship & Small Business.



## FASHION MARKETING ESSENTIALS



Grades 9-12

The purpose of this course is to prepare students for the fashion marketing or sales industry. Through marketing and advertising promotion concepts you will build a better understanding how "fashion" is promoted. Students will use the concepts of fashion design to create and market a fashion line. Watch your creativity grow by understanding everything that goes into developing a fashion product. This course will also help you develop an understanding of the history of fashion and background knowledge of certain fashion designers. You have the opportunity to be part of the co-curricular international student organization - DECA and work towards an industry certification. Hands on projects and activities are included in this course. Every student is expected to obtain an industry certification such as Entrepreneurship & Small Business.

## **FASHION MARKETING APPLICATION**

1 credit

Grades 10-12

Prerequisites: Fashion Essentials or Marketing Essentials This course is designed to provide students with an in-depth study of fashion marketing. Some topics covered include complex factors in the fashion industry and the development of a fashion line. Your creativity will really be pushed by working on interactive fashion projects in the marketing world. You have the opportunity to be part of the cocurricular international student organization - DECA and work towards an industry certification. Hands on projects and activities are included in this course. Every student is expected to obtain an industry certification such as Entrepreneurship & Small Business.

Course Selection Guide Alonso High School

## FASHION MARKETING MANAGEMENT 4



1 credit Grades 11-12

Prerequisites: Fashion Essentials and Fashion Applications This course is designed to provide students an advanced study of fashion marketing. Some topics covered include: career planning, complex factors in the fashion industry, determining prices and marketing a fashion line. You will also be leaders in the club DECA and finish your industry certification. Hands on projects and activities are included in this course. Every student is expected to obtain an industry certification such as Entrepreneurship & Small Business.

## MARKETING ON-THE-JOB TRAINING

1 credit Grades 11-12

Prerequisites: Students must take or have taken a marketing, business or other CTE course.

This course provides the on-the-job training component for all CTE courses. Students enrolled in this course must be employed at the start of the school year (August) and remain employed throughout the school year. Each student will be required to complete: a training agreement; a training plan signed by the student, teacher and employer; a list of on-the-job and in-school learning experiences; a workstation duties list which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and contact with a site supervisor with a working knowledge of the selected occupation. The student must be compensated for work performed. In other words, the student must be employed in order to take OJT. All OJT students are required to sign the OJT Attendance log daily and have their time cards verified by their assigned OJT coordinator by the 5<sup>th</sup> day of the following month.

## **MATHEMATICS**

## ALGEBRA 1 HONORS

1 credit Grade 9

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.

## **ALGEBRA 1A**

1 credit Grade 9

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

1 credit

Grades 10

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 2**

1 credit

Grades 10-12

Prerequisite: Algebra 1 and Geometry

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**

1 credit

Grades 10-12

Prerequisite: Geometry Honors

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..

## GEOMETRY

1 credit Grades 9-12

Prerequisite: Algebra 1

In Geometry, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving twodimensional 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

1 credit Grades 9-10

Prerequisite: Algebra 1 Honors with a "B" or better

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.

## MATH FOR COLLEGE ALGEBRA

1 Credit Grades 10-12

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 DATA & FINANCIAL LITERACY HONORS

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

1 credit Grades 11-12

Prerequisite: Algebra 2 Honors with a "B" or better
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.

## **MUSIC**

All courses satisfy the Fine Arts graduation requirement.

## KEYBOARD 1-4 (PIANO)



1 credit Grades 9-12

The purpose of this course is to provide instruction in basic piano technique. This class provides sequential instruction for beginners as well as advanced piano students. Students practice daily in a keyboard lab with headphones. Performances take place during class and students are introduced to a number of styles and genres.

## BAND 1



1 credit Grade 9

NO PREREQUISITE; Middle School Band is Encouraged
The purpose of the earlong course is to provide students with instruction in the earlong course is to provide students with instruction in the earlong course is to provide students with instruction in the earlong of musicianship and technical skill through the study of varied band literature on musical instruments. Rehearsals and performances, including Marching Band, outside of class time are required. There is a fee for this class, but fundraising and scholarship opportunities are provided.

## **BAND 2, 3, 4**

1 credit each

Grades 10-12

Prerequisite: Previous Level of Band

The purpose of this yearlong course is to provide students with instruction in the application of musicianship and technical skill through the study of varied band literature on musical instruments. Rehearsals and performances including Marching Band, outside of class time is required. Placement in Band 2 is based upon successful completion of the Band 1 curriculum. There is a fee for this class, but fundraising and scholarship opportunities are provided.

## **BAND 5, 6 HONORS**

1 credit each

Grades 11-12

Prerequisite: Completion of Band 1, 2

The purpose of this yearlong course is to provide students with instruction in the application of musicianship and technical skills through the study of varied band literature on musical instruments. Students are automatically enrolled for Honors Credit after successfully completing Band 1 and 2 course curriculum. There is a fee for this class, but fundraising and scholarship opportunities are provided.



## JAZZ ENSEMBLE 1, 2, 3, 4

1 credit each

Grades 9-12

Prerequisite: Prior enrollment in a music course Co-requisite: Enrollment in Band 1, 2, 5, or 6

The course covers various techniques and styles of contemporary music and jazz literature. Rehearsals and performances outside of class including marching band time, are required. Auditions are held in April/May for drums, piano, guitar and bass for the following year. Auditions for saxophone, trumpet, trombone, and rhythm section will be held at the beginning of the school year.

## **INSTRUMENTAL ENSEMBLE 1, 2, 3, and 4**



1 credit Grades 9-12

Prerequisite: Band Director Approval Co-requisite: Enrollment in Band 1, 2, 5 or 6

This course is an opportunity for students to expand their musical and playing ability through independent study and small group practice time. Students will be required to perform playing assessments for a weekly grade. They will also be required to prepare and perform a solo on their primary instrument for Solo & Ensemble in the 2nd Semester. All band instrumentation in welcome.

## **EURHYTHMICS 1, 2, 3, 4**



1 credit Grades 9-12

Prerequisite: Audition (Middle School Experience is Encouraged) The purpose of this course is to enable students to develop skills in creating, performing, and evaluating choreography as an independent ensemble and in cooperation with the marching band. This ensemble serves all experience levels beginning to advanced and provides opportunities for feedback, improvement and refinement of diverse dance styles. Emphasis is placed on technique, equipment manipulation, precision, and the relationship between music and dance. Participation in the Marching Band in the fall and Dance Ensemble in the spring is required. Rehearsals and performances outside of class time are required. There is a fee for this class, but fundraising and scholarship opportunities are provided. A special waiver may be provided to students who wish to participate in Eurhythmics, but cannot enroll in the Eurhythmics course due to curricular restrictions or other specific situations. This waiver along with information regarding auditions, can be obtained by contacting Mrs. Griffis directly. (amanda.griffis@hcps.net).

## **ORCHESTRA 1**



1 credit Grade 9

Prerequisite: previous experience playing a string instrument The purpose of this course is to provide students with instruction in the application of musicianship and technical skills through the study of varied orchestra literature. Students will also explore music theory and music history as it pertains to the music played in class. Performances outside of class time are required. There is a fee for this class.

## ORCHESTRA 2, 3, & 4



1 credit each

Grades 10-12

Prerequisite: Orchestra 1,2,3

These courses provide students with advanced instruction in the application of musicianship and technical skills. We continue to work on extended technique of vibrato and shifting and continue to explore music theory and music history as it pertains to the music played in class. Performances outside of class time are required. There is a fee for this class.

## ORCHESTRA 5, 6 HONORS



1 credit

Grades 11-12

Prerequisite: Completion of Orchestra 1,2 and Director Approval These courses are designed to provide advanced instruction for students who would like to enhance their curriculum in Orchestra 3 and 4. Upon successfully completing the Honors curriculum the students will receive honors points not available in Orchestra 3 or 4. Performances outside of class time are required. There is a fee for this class.

## CHORUS 1



1 credit Grades 9-12

This year long, entry level class, designed for students with little or no high school choral experience, promotes the enjoyment and appreciation of music through performance of varied choral music. Rehearsals focus on the development of critical listening skills, music literacy, ensemble skills, and proper vocal technique. Performances outside of class time are required. There is a fee for this class.

## CHORUS 2-4



1 credit Grades 10-12

Prerequisite: Choir 1,2,3

The purpose of this class is to provide advanced choral singers with the opportunity for high level performances in a vocal ensemble setting through the study of choral literature. Music literacy, critical listening, ensemble singing, music history will all be topics covered. Performances outside of class time are required. There is a fee for this class.

## **CHORUS 5,6 HONORS**



1 credit Grades 11-12

These courses are designed to provide advanced instruction for students who would like to enhance their curriculum in Choir 3 or 4. Upon successfully completing the Honors curriculum the student will receive honors points not available in Choir 3 or

4. Performances outside of class time are required. There is a fee for this class.

## READING

## **Intensive READING 1**

1 credit Grade 9

Placement is determined by FSA ELA score.

The purpose of this course is to continue the development of student reading skills. The students will continue development of literal and inferential comprehension skills, critical reading skills, vocabulary enrichment with a strong emphasis on comprehending informational text and using test taking skills.

## SEMANTICS AND LOGIC

.5 credit Grade 9

Placement is determined by FSA ELA Score.

The purpose of this course is to continue the development of advanced critical reading skills. This includes knowledge of the principles of language, and how nonfiction authors utilize rhetoric using texts of high complexity as well as advanced studies of language arts to achieve their intended purpose. This course is paired with Writing 1.

## **Intensive READING 2**

1 credit Grade 10

Placement is determined by FSA ELA score.

The purpose of this course is to continue the development of student reading skills. The students will continue development of literal and inferential comprehension skills, critical reading skills, vocabulary enrichment with a strong emphasis on comprehending informational text and using test taking skills.

## **Intensive READING 3**

1 credit Grade 11

Placement is determined by FSA ELA score.

The purpose of this course is for students to develop literal and inferential comprehension skills, critical reading skills, vocabulary enrichment, study skills, and test taking strategies related to the FSA and SAT.

## **Intensive READING 4**

1 credit Grade 12

*Placement is determined by FSA ELA score.* The purpose of this course is for students to develop literal and inferential comprehension skills, critical reading skills, vocabulary enrichment, study skills, and test taking strategies related to the FSA and ACT.

## **SCIENCE**

## ANATOMY AND PHYSIOLOGY REGULAR & HONORS



1 credit Grades 11-12

Prerequisite: Biology / Bio Hon Honors with a "B," Chem / Chem Honors with a "B"

The purpose of this course is to provide students with rigorous content and laboratory activities in the structure and functions of the components of the human body. The course content will include a study of anatomical terminology, cells and tissues, systems (skeletal, muscular, nervous, muscular, special sensory organs, endocrine, circulatory, respiratory, digestive and excretory), homeostasis, disease process, immune response, and heredity.

## **ASTRONOMY HONORS**



1 credit Grades 11-12

Prerequisite: passed Physical Science

This course is designed to teach students about a wide range of topics relating to astronomy. It will further students' understanding of our solar system and beyond. Units of study will include: Celestial Sphere (stars and constellations), History of Astronomy, Motion and Gravity, Light and Matter, Telescopes, Big Bang Theory, Galaxies of our Universe, the Sun, Stellar Evolution, Planetary Geology, Planetary Atmospheres, Jovian Systems, Other Objects in our Solar System, Exoplanets, and Space Exploration.

## BIOLOGY

1 credit Grade 10

A practical, applied approach to Biology and Environmental science with appropriate topics Earth Science and the Nature of Science integrated into the course. Laboratories, activities, readings and career information as well as supplemental units will be included. This course satisfies the biological science graduation requirement.

## **BIOLOGY I HONORS**

1 credit Grades 9-12

Prerequisite: Physical Sci Honors or equivalent with a "C" or higher The purpose of this course is to provide students with advanced exploratory experiences and activities in the fundamental concepts of life. This course expands and refines the biological concepts that were introduced in Life Science. The content will include studies in the scientific method, scientific measurement, laboratory safety and use of apparatus, cell biology, cell reproduction, basic principles of genetics, biological changes through time, classification and taxonomy, microbiology, structure and function of plants, structure and function of animals, selected structure and function of the human body, and ecological relationships.

## **BIOLOGY 2 HONORS**

1 credit 10-12

Co-requisite: AP Biology Prerequisite: Teacher approval

This is a companion course for students enrolled in A.P. Biology.

See: AP Course Offerings for details.

## **CHEMISTRY 1**

1 credit Grades 10-12

Prerequisite: Biology or Physical Science. Passed Algebra 1 EOC

Co-requisite: Geometry or higher level math

The purpose of this course is to lead students through the study of the composition, properties and changes associated with matter. This course is less math-intensive than honors chemistry but still contains a substantial amount of math. The content includes structure of matter, atomic theory, periodic table, bonding, chemical formulas, solutions, chemical reactions, behavior of gases, acids, bases and salts and energy relationships associated with physical and chemical changes.

## **CHEMISTRY 1 HONORS**

1 credit Grades 10-12

Prerequisite: Biology Honors with a "C" or higher

Co-requisite: Algebra II Honors or higher level math

The purpose of this course is to provide students with numerous laboratory activities that lead students through the study of the composition, properties and changes associated with matter. The content includes structure of matter, atomic theory, periodic table, bonding, chemical formulas, solutions, chemical reactions, behavior of gases, acids, bases and salts and energy relationships associated with physical and chemical changes. Laboratory activities include the use of calculator assisted probes. A benefit of this course is developing problem-solving skills which aid students in college.

## **CHEMISTRY 2 HONORS**

1 credit

Grades 11-12

Co-requisite: AP Chemistry
Pre-requisite: Teacher Approval

This is a companion course for students enrolled in A.P. Chemistry.

See: AP Course Offerings for details.

## FORENSIC SCIENCE



Forensic Science is an upper-class level course which explores the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. It is a comprehensive subject incorporating Biology, Chemistry, Physics, Entomology, Earth Science, Anatomy and Physiology as well as

other aspects of science. Major topics include processing a crime scene, collecting and preserving evidence, identifying types of physical evidence, organic and inorganic analysis of evidence, hair, fibers, and paint, toxicology, arson and explosion investigations, serology, DNA, fingerprints, firearms, and document analysis.

## **FORENSIC SCIENCE 2**

1 Credit 12

Prerequisite: Forensic Science 1

Forensic Science 2 is an upper-class level course which explores the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. 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. This year in Forensics 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. Basically, you will act more like forensic scientists this year!"

## MARINE SCIENCE 1 HONORS



1 credit Grades 11-12

Prerequisite: Passing grade in Chemistry

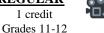
The purpose of this course is to provide the student with an overview of the marine environment. The content should include, but not be limited to, the following: the nature of science; the origins of the oceans; the chemical, physical, and geological aspects of the marine environment; ecology of various sea zones; marine communities; the diversity of marine organisms; characteristics of major marine ecosystems; characteristics of major marine phyla/divisions; the interrelationship between man and the ocean.

## MARINE SCIENCE 2 HONORS

1 credit Grades 12

Prerequisite: Marine Science 1 or Marine Science 1 Honors While the content focus of this course is consistent with the Marine Science 2 course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The National Science Teachers Association (NSTA) recommends that at the high school level, all students should be in the science lab or field, collecting data every week. School laboratory investigations (labs) are defined by the National Research Council (NRC) as an experience in the laboratory, classroom, or the field that provides students with opportunities to interact directly with natural phenomena or with data collected by others using tools, materials, data collection techniques, and models (NRC, 2006, p. 3). Laboratory investigations in the high school classroom should help all students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners should understand measurement error; and have the skills to aggregate, interpret, and present the resulting data (National Research Council, 2006, p.77; NSTA, 2007)

## MARINE SCIENCE 1 REGULAR



Prerequisite: Passing grade in Chemistry

This course will cover the same content as the Marine Science

Honors class. Pacing will be slower.

## PHYSICS 1



1 credit Grades 11-12

Prerequisite: Passed Algebra 1 EOC; teacher recommendation. The purpose of this course is to provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. The content includes, but is not limited to: kinematics, dynamics, energy, work and power, heat and thermodynamics, wave characteristics, light, electricity magnetism and nuclear physics.

## PHYSICS 1 HONORS



1 credit Grades 11-12

Prerequisite: Geometry Honors with a C or better; teacher recommendation.

Co-requisite: Algebra 2 Honors or higher-level math.

The purpose of this course is to provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. The content includes, but is not limited to, one- and two-dimensional kinematics, dynamics, applications of Newton's Laws, energy, work and power, heat and thermodynamics, wave characteristics, physical optics, wave optics, and modern physics (the outer and inner atom).

## ZOOLOGY HONORS



11 - 12

This course provides an in-depth study of the animal kingdom. The content will take the students through each major phylum from Sponges to Mammals. Student will be required to know the scientific names, explore major evolutionary changes, morphology, and key characteristics of representative species.



## ENVIRONMENTAL SCIENCE



1 credit

Grades 11-12

Pre-requisite: Passing grade in Biology

The purpose of this course is to understand the ecological relationships and biological process found in the natural world. We will explore human interactions with these processes to give students a tangible, relevant, and real-world understanding of their role in ecosystems. Topics that will be covered include environmental systems, ecology, biodiversity, human population, urbanization, forestry, agriculture, water resources, mineral resources and mining, the atmosphere, climate change, energy resources, and waste management. It is a comprehensive course with applications in biology, chemistry, and environmental policy.



## **SOCIAL STUDIES**

## AMERICAN GOVERNMENT

1/2 credit Grade 12

This course is dedicated to the study of government institutions and political processes and their historical impact on American society. Content will include the functions and purpose of government, the constitutional framework, functions of the three branches of government at the local, state and national level, and the political decision-making process. Required for high school graduation.

## AMERICAN GOVERNMENT HONORS

1/2 credit Grade 12

Co-requisite: Economics Honors & English 4 Honors

This course is dedicated to the study of government institutions and political processes and their historical impact on American society. Content will include the functions and purpose of government, the constitutional framework, functions of the three branches of government at the local, state and national level, and the political decision-making process. As an honors class, students will be expected to comprehend and process information at elevated levels, including analysis of primary and secondary resources, and advanced text comprehension. Students will be expected to maintain high level discussions on current events, the history of the American Government and current and past governmental policies and procedures.

## UNITED STATES HISTORY

1 credit Grade 11

This course is the study of United States history from the beginning of the Civil War to the present day. Students will be exposed to the historical, geographic, political, economic and sociological events which influenced the development of the United States and the resulting impact on world history. Students will be able to clearly see the relationship between historical events and their lives in the United States today. This class has a cumulative End of Course Exam. Required for high school graduation.

## UNITED STATES HISTORY HONORS

1 credit Grade 11

Co-requisite: English Honors

Prerequisite: Teacher recommendation

This course is the study of United States history from the beginning of the Civil War to the present day. Students will be exposed to the historical, geographic, political, economic and sociological events which influenced the development of the United States and the resulting impact on world history. Students will be able to clearly see the relationship between historical events and their lives in the United States today. As an honors class, students will be expected to comprehend and process information at elevated levels, including analysis of primary and secondary resources, and advanced text comprehension. This class has a cumulative End of Course Exam.

## LAW STUDIES

1/2 credit Grades 10-12 Semester 1 only

Co-requisite: Court Procedures

Why are there laws? What rights do you have? What's the difference between civil and criminal law? What is the difference between a felony and a misdemeanor? Is there a difference between the adult and the juvenile justice system? Do values and morals shape the law? If you would like the answers to these and many more questions, LAW STUDIES is the class for you! This class is the study of the American legal system and those laws which have an impact on citizens' lives and an introduction to fundamental civil and criminal justice procedures. You will learn about the basis for our legal system, civil and criminal law, adult and juvenile courts, family and consumer law, causes and consequences of crime, individual rights and responsibilities, and career opportunities in the legal system.

## **COURT PROCEDURES**

1/2 credit Grades 10-12 Semester 2 only

Prerequisite: Law Studies

You be the judge-really! Have you ever wondered what it's like to be a judge or attorney, or a juror in a trial? COURT PROCEDURES is your chance to experience these roles firsthand. Students will conduct legal research and mock criminal and civil courtroom trials in the classroom

## HOLOCAUST

1/2 credit Grades 11-12

The Holocaust has touched the hearts, minds and souls of the world. This is the study of examining the horrifying truths of what was behind the actions of Hitler and the Nazis. This class will give you greater insight into the victims, perpetrators and effects that the events of the Holocaust had and continue to have on our society.

## PRE-AP WORLD CULTURE & GEOGRAPHY

1 credit

Grade 9

Historians and geographers are investigators. Learning in Pre-AP World History and Geography is designed to be a disciplinary apprenticeship where students participate in the process of discovery. Students will play the role of historian and geographer by practicing the detective skills and using the tools of each field of study. Pre-AP World History and Geography focuses deeply on the concepts and skills that have maximum value for high school, college, careers, and civic life. This course will focus on moves from geography and world regions to developments in world history from the ancient period through c. 1450 CE.



1/2 credit

Grades 9-12

Have you ever wondered why people behave a certain way? Why do we feel stressed out all the time? What is schizophrenia? What does it mean to have dissociative identity disorder? Who is that guy Freud anyway? Psychology is a study of behavior and mental processes. This class covers topics such as abnormal psychology, personality, research studies, human development, and so much more!

## PSYCHOLOGY 2



1/2 credit Grades 9-12

Prerequisite: Psychology 1

Psychology 2 builds upon the knowledge learned in Psychology 1. Students will learn about the brain, and how it functions. Ever wonder why you dream, and what it means? Why are we so emotional? What motivates us to behave and learn? How do we create and store memories? In Psychology 2, we discuss topics such as sensation and perception, learning, social psychology, motivation, emotion, and so much more!



## **ECONOMICS**

1/2 credit Grade 12

Economics is the study of the concepts and processes of the national and international economic systems. Students will learn about currency, banking, and monetary policy, major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government on the economy, financial and investment markets, and the business cycle. Required for high school graduation.

## **ECONOMICS HONORS**

1/2 credit Grade 12

Prerequisite: Teacher recommendation

Economics is the study of the concepts and processes of the national and international economic systems. Students will learn about currency, banking, and monetary policy, major economic systems,

the global market and economy, major economic theories and economists, the role and influence of the government on the economy, financial and investment markets, and the business cycle. As an honors class, students will be expected to comprehend and process information at elevated levels, including analysis of primary and secondary resources, and advanced text comprehension. Required for high school graduation.

## **SOCIOLOGY**

1/2 credit Grades 9-12

Why do some people fit in and others don't? Do you want to learn about cultures from around the world? Learn what motivates people to follow their peers, pierce their ears, and dance like their friends. In Sociology we will explore a variety of topics related to human behavior and social organization such as diversity, social deviance, and social class. Group discussions and sociology's relevance to everyday life make this class intriguing and fun!

## ANTHROPOLOGY



1/2 credit Grades 9-12

Want to know what it means to be human? This class examines culture as well as fields of study and careers in Anthropology. You will also study early humans, biological anthropology, linguistics, and archaeology.

## WORLD HISTORY

1 credit Grades 10

The purpose of World History is to provide students with the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that affected humanity. Required for high school graduation.

## WORLD HISTORY HONORS

Grades 10

Prerequisites: Teacher recommendation

Co-requisite: English 2 Honors

REQUIREMENTS: Course work will require document analysis and numerous formal essay-writing requirements. These skills are essential for the college bound student. 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 change or process as it relates to the development of humanity. Analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and molded humanity does this. Implicit in this is an understanding of interpretation and the issues of external and internal validity.

## WELLNESS - (INCLUDING PHYSICAL EDUCATION, HEALTH AND DRIVER'S EDUCATION)

## VOLLEYBALL 1 & 2



1/2 credit Grades 9 -12

The purpose of this course is to enable students to acquire knowledge and skills in volleyball and to maintain or improve health-related fitness. Students will participate in tournament style play throughout the course.

## **HOPE - Physical Education Variation**

1 credit Grades 9-12

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices. In addition to physical education content, students will receive instruction pertaining to but not limited to: components of physical fitness; designing an exercise program; tobacco, alcohol, and drugs; nutrition and weight management; reproduction, pregnancy, and STDs; infectious and chronic diseases (e.g. heart disease, cancer, and diabetes); decision-making and goal-setting; injury prevention and first aid, including Hands-Only CPR; communication skills and healthy relationships; dating violence; teen human trafficking; mental health, including stress management and suicide prevention. All 9th grade students (except IB students) will be assigned this course. It is a graduation required course.

## BASKETBALL 1 & 2

1/2 credit Grades 9-12

The purpose of this course is to enable students to develop knowledge and skills in basketball and to maintain or improve health-related fitness. Students will participate in tournament style play throughout the course (3 on 3, 5 on 5, etc.)

## **TEAM SPORTS**

.5 credit Grades 9-12

The purpose of this course is to enable students to acquire basic knowledge of team sports play, develop skills in specified team sports (football, basketball, soccer, volleyball, and softball) and maintain or improve health-related fitness. Students will participate in tournament style play throughout the course.

## **SOCCER**

1/2 credit Grades 9-12

The purpose of this course is to enable students to develop knowledge and skills in soccer and to maintain or improve health-related fitness. Students will participate in tournament style play throughout the course.

## **WEIGHT TRAINING 1**

1/2 credit Grades 9-12

This course provides opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as later in life, improve muscular strength and endurance, and enhance body image and training.

## **WEIGHT TRAINING 2, 3, & Power**

1/2 credit

Grades 10-12

Prerequisite: Weight training 1

The purpose of this course is to enable students to acquire knowledge and skills in weight training, improve muscular strength and endurance, and enhance self-image.

## WRESTLING 1 & 2

1/2 credit Grades 9 – 12

The purpose of this course is to enable students to develop knowledge and skills in wrestling and to maintain or improve health-related fitness.

## DRIVER EDUCATION

1/2 credit Grades 9-12

Prerequisite: Must have parent permission, and corrected vision of at least 20/40.

Want to learn to drive? Student drivers will be introduced to (Behind the Wheel of Driving) off-street driving practice under the directions of an instructor, the transportation system and strategies that develop driving knowledge and skills related to today's motorized society. This course will also provide an in depth study of the scope and nature of accidents and their solutions. Eligible students will be given the state permit and driving test for their license.

## **WORLD LANGUAGES**

## **SPANISH 1**



1 credit Grades 9-11

This course introduces students to the Spanish language and its culture, and develops communication skills and cross culture understanding. The content includes the 5 World Language Modes of Communication and Intercultural Standards: Interpretative Listening and Reading; Interpersonal Communication; Presentational Speaking and Writing. It is designed to focus on beginning language skills in listening and speaking, with special attention to pronunciation, introduction to reading, writing and the fundamentals of grammar and culture. Because of the basic content of this course, it is not available to Native Speakers of the Spanish language. These students will be assessed for proper placement within the Spanish Native Speakers' classes.

## SPANISH 2

1 credit Grades 9-12

Prerequisite: Spanish 1

This course reinforces the fundamental skills acquired by the studen' in Spanish 1. It will continue to focus on the World Languages' 5 Modes of Communications and Intercultural Standards. The course will expand listening, speaking, reading, and writing skills, as well as cultural awareness. Reading comprehension and writing will receive more emphasis, while oral communication remains the primary objective.

## **SPANISH 3 HONORS**

1 credit Grades 10-12

Prerequisite: Spanish 2 or Spanish 2 Native Speaker and teacher approval

The content of this course is designed for those students who possess previously acquired skills and knowledge of the Spanish language and wish to expand these skills and knowledge to an advanced level. This course emphasizes advanced grammar and focuses on increasing the students' ability to speak, read and write Spanish.

## **CAMBRIDGE AICE SPANISH**

1 credit Grades 10-12

Requires teacher approval.

Cambridge International AS Level Spanish Language (8022) helps learners to develop language proficiency and practical communication skills in Spanish to a CEFR Independent User level.



## **CREDIT RECOVERY/GRADE ENHANCEMENT**

The Credit Recovery\*/Grade Enhancement\* program is a computer assisted performance-based program offered to mainstream students who may benefit from some assistance to remain in their appropriate grade level by retaking courses necessary for graduation.

\*Credit recovery refers to a subject that a student has taken but failed.

\*Grade enhancement refers to a subject previously taken where the student earned a "D".

Candidates must be in their 4<sup>th</sup> year of high school to be considered for this program and must be approved for placement by their guidance counselor. Students must be prepared to work hard for their goals, and be willing to take command of their own education. The program provides a structured positive environment for learning, where academic, career, and technical skills produce successful results.

Students interested in placement in Credit Recovery/Grade Enhancement must see their counselor for consideration.

## **EXCEPTIONAL STUDENT EDUCATION (ESE)**

Alonso High School offers programs for students who receive services for Behavior Disorders, Specific Learning Disabilities, Autism and Intellectual Disabilities in a varying exceptionality model.

Secondary students with disabilities seeking a regular diploma must meet all graduation standards as adopted by the Hillsborough County School Board. Students with disabilities who do not meet these requirements may elect to earn a Florida General Education Diploma (GED) by taking the GED test through the Adult Education Program after reaching age 18.

CO-TEACH is an instructional delivery option in which the general educator and the special educator collaboratively plan lessons, teach lessons, and evaluate student progress in order to meet the needs of all students in the general education classroom. The primary purpose of this model is to expand delivery models of instruction for serving students with a disability in general education classrooms.

## **AUTISM SPECTRUM DISORDER PROGRAMS**

The Autism Spectrum Program emphasizes academics on a functional level based on the Sunshine State Standard Access Points. Areas of specific/individual needs that are addressed are social and affective behaviors, self-help, independent living skills, communication skills, and pre-vocational skills. The philosophy is that a consistent, highly structured environment with community awareness will assist individuals with autism to develop skills leading to a semi-independent or independent life-style.

## VARYING EXCEPTIONALITIES

The model provides multisensory instruction, which emphasizes academic growth, organization, study skills, and social development. Teachers offer a variety of instructional approaches and curriculum accommodations according to individual needs. These strategies are

presented in various flexible group settings. The primary goal is to promote maximum gains and successful integration of the student within the regular education setting.

## INTELLECTUAL DISABILITIES

The purpose of the Intellectual Disabilities (IND) program is to provide academic, physical, social, personal, and career education so the students, to the best of their ability, become independent, fully functioning members of society. Underlying the IND instructional program is a philosophy which functions to guide the educational decisions made on behalf of the students served. The premises which support this philosophy are: students with an IND have a greater need than most students to practice skills, have a basic need for self-worth, and teachers of students with an IND are the key contributors to the comprehensive educational program offerings These teachers are familiar with the needs of this population and are specially trained to teach these students.

## CAREER EXPERIENCES

Multiple credits Grades 11-12

Teacher Approval Required

This program is designed to enable students in the ESE program to gain valuable employability skills in entry-level training sites through actual work experience in or out of school.

