

Alonso High School Curriculum Guide 2021-2022

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 the 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,

Kenneth Hart
Principal



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GRADES 9 - 11

Hillsborough County Public Schools GRADUATION REQUIREMENTS STUDENTS ENTERING 9TH GRADE IN THE 2017-2018 SCHOOL YEAR		
	24 CREDIT PROGRAM STANDARD DIPLOMA	SCHOLAR DESIGNATION (In Addition to the 24 Credit Standard Diploma Requirements)
English	4 required English I, II, III, IV	
Mathematics	4 required Including ¹ Algebra I or its equivalent and ² Geometry <ul style="list-style-type: none"> Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry). 	1 credit in Algebra II must pass End of Course (EOC) exam 1 credit in Statistics or equally rigorous mathematics course Pass Geometry EOC
Science	3 required Including ³ Biology I and two credits in equally rigorous science courses Two credits must have a laboratory component. <ul style="list-style-type: none"> An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I). An identified rigorous Computer Science course with a related industry certification substitutes for up to one science credit (except for Biology I). 	Pass Biology I EOC ✓ 1 credit in Chemistry or Physics 1 credit in a course equally rigorous to Chemistry or Physics
Social Studies	3 required World History, ⁴ United States History, United States Government (.50 credit), and Economics with Financial Literacy (.50 credit)	Pass United States History EOC ✓
Fine Arts	1 required In Fine or Performing Arts, Speech and Debate, or approved Practical Arts course	
Physical Education	1 required HOPE	
World Language	Not required for graduation, but at least two credits in the same language are required for admission into four year colleges and universities.	Two credits in the same world language
Electives	8 required Elective credit details for Bright Futures Scholarships, go to www.floridastudentfinancialaid.org .	
Online/Virtual Course	At least one course within the 24 credits required must be completed through online learning.	
Minimum Graduation Credit Requirement	24 credits	24 Credits One credit must be in Advanced Placement, AICE, dual enrollment, or International Baccalaureate.
ACCEL OPTION (18 CREDIT)	Three elective credits instead of eight; Physical Education is not required; Online/Virtual Course not required. All other graduation requirements for a 24-credit standard diploma must be met (per Florida Statutes).	
Merit Designation	In addition to the 24 credit standard diploma requirements, students pursuing merit designation must attain one or more industry certifications from the state approved list.	
Seal of Biliteracy	The attainment of a high level of competency in listening, speaking, reading, and writing in one or more world languages in addition to English.	
Assessment	Must pass Florida Standards Assessment (FSA) Grade 10 English Language Arts (ELA) assessment (or earn concordant ACT or SAT score) and ¹ Algebra I EOC exam (or earn PERT comparative score).	
GPA	2.0 on a 4.0 scale (unweighted state GPA)	
GPA Bonus Points	.04 Points per .50 honors credit (final grade must be C or above) .08 Points for Dual Enrollment and AP per .50 credit (final grade must be C or above)	

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

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

- ✓ A student is exempt from Biology I or United States History assessment if enrolled in AP, IB, or AICE Biology I or United States History course and takes the respective AP, IB, or AICE assessment and earns the minimum score to earn college credit.

Subject to change pending state legislation

November 2016

GRADE 12

Hillsborough County Public Schools		
GRADUATION REQUIREMENTS		
STUDENTS ENTERING 9TH GRADE IN THE 2014-2015 SCHOOL YEAR		
	24 CREDIT PROGRAM STANDARD DIPLOMA	SCHOLAR DESIGNATION (In Addition to 24 Credit Standard Diploma Requirements)
English	4 required English I, II, III, IV	Pass the English Language Arts (ELA) Grade 11 statewide assessment
Mathematics	4 required including ¹ Algebra I or its equivalent and ² Geometry <ul style="list-style-type: none"> • Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry). 	1 credit in Algebra II must pass End of Course (EOC) exam 1 credit in Statistics or equally rigorous mathematics course Pass Geometry EOC
Science	3 required including ³ Biology I and two credits in equally rigorous science courses. Two credits must have a laboratory component. <ul style="list-style-type: none"> • An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I). • An identified rigorous Computer Science course with a related industry certification substitutes for up to one science credit (except for Biology I). 	Pass Biology I EOC ✓ 1 credit in Chemistry or Physics 1 credit in a course equally rigorous to Chemistry or Physics
Social Studies	3 required World History, ⁴ United States History, United States Government (.50 credit), and Economics with Financial Literacy (.50 credit)	Pass United States History EOC ✓
Fine Arts	1 required + in Fine or Performing Arts, Speech and Debate, or approved Practical Arts course	
Physical Education	1 required + HOPE	
Reading	.50 credit required	
World Language	Not required for graduation, but at least two credits in the same language are required for admission into four year colleges and universities	Two credits in the same world language
Electives	7.50 required *	
Online/Virtual Course	At least one course within the 24 credits required must be completed through online learning.	
Minimum Graduation Credit Requirement	24 credits	24 Credits One credit (in any subject area) must be in Advanced Placement, AICE, dual enrollment, or International Baccalaureate.
ACCEL OPTION (18 CREDIT)	Three elective credits instead of 7.5; Physical Education is not required; Online/Virtual Course not required. All other graduation requirements for a 24-credit standard diploma must be met (per Florida Statutes).	
Merit Designation	In addition to the requirements for a standard diploma, students pursuing merit designation must attain one or more industry certifications.	
Assessment	Must pass Florida Standards Assessment (FSA) Grade 10 ELA assessment (or earn concordant ACT or SAT score) and ¹ Algebra I EOC exam (or earn PERT comparative score)	
GPA	2.0 on a 4.0 scale (unweighted state GPA)	
GPA Bonus Points	.04 Points per .50 honors credit (final grade must be C or above) .08 Points for Dual Enrollment and AP per .50 credit (final grade must be C or above)	

Students enrolled in ¹Algebra I, ²Geometry, Algebra II, ³Biology, and/or ⁴United States History must take the respective EOC exam, and it will constitute 30% of the student's final grade.

* Elective credit details for Bright Futures Scholarships, go to www.floridastudentfinancialaid.org.

+ Two credits of JROTC can substitute for HOPE and Performing Fine Arts.

✓ A student is exempt from Biology I or United States History assessment if enrolled in AP, IB, or AICE Biology I or United States History course and takes the respective AP, IB, or AICE assessment and earns the minimum score to earn college credit.

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:

- 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
- **Note:** if you wish to take the PERT at an HCC campus, you must have a completed HCC application

PERT	SAT (Before March 2016)	SAT (After March 2016)	ACT
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*
*MAC 1105 requires 123 for PERT, 510 for SAT (old), 27.0 for SAT (new), and 21 for ACT			

OFFERINGS:

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-in-college 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.



EUH 2000: DUAL ENROLLMENT WESTERN CIVILIZATIONS 1

3 credit hours at Hillsborough Community College
Semester 1 only

Prerequisites: Students must meet HCC test score requirements.

Presents a study of cultural, economic and political developments of Western civilization from 8,000B.C.E. to 1600 with an emphasis on geographic references. Areas of focus include Neolithic Revolution, Early River Civilizations, Ancient Greece, Ancient Rome, Medieval Europe, The Renaissance and The Reformation.

* This course is a college course offered by Hillsborough Community College in the high school setting. Therefore, this course will have rigor at the college level to meet the dual enrollment requirements. At the end of the course, those who receive a passing score will receive 3 credit hours at Hillsborough Community College.

EUH 2001: DUAL ENROLLMENT WESTERN CIVILIZATIONS 2

3 credit hours at Hillsborough Community College
Semester 2 only

Prerequisites: Students must meet HCC test score requirements.

Presents a study of the economic, social and political development of the world from 1648 to the present, with an emphasis on geographic references. Areas of focus include Scientific Revolution, Enlightenment, French Revolution, Imperialism, Industrial Revolution, WWI, WWII and Post WWII.

* This course is a college course offered by Hillsborough Community College in the high school setting. Therefore, this course will have rigor at the college level to meet the dual enrollment requirements. At the end of the course, those who receive a passing score will receive 3 credit hours at Hillsborough Community College.



Pathways to Earn Free College Credit

CAREER DUAL ENROLLMENT

The chart below provides information on course equivalencies between Early Childhood Education from secondary to postsecondary education with Brewster Technical College. Students that meet enrollment standards** for **Career Dual Enrollment** will earn both high school credit and technical college credit. As students complete each course, .08 will be added each semester to their overall weighted (district) GPA.

SECONDARY COURSE TITLE	SECONDARY COURSE #	Career Certificate COURSE #	POSTSECONDARY COURSE TITLE
Early Childhood Education 1	8405110	HEV0870	Child Care Worker 1 (150 hrs)
Early Childhood Education 2	8405120	HEV0871	Child Care Worker 2 (150 hrs)
Early Childhood Education 3	8405130	HEV0872	Teacher Aide (Preschool) (150 hrs)
Early Childhood Education 4	8405140	HEV0873	Preschool Teacher (150 hrs)

Note: It is highly recommended that students take these courses in the order listed above, as this is a stackable curriculum program.

**To qualify for Career Dual Enrollment, a student must have a minimum of an overall 2.0 Unweighted GPA. Ninth grades students that enter high school without the qualifying GPA may be allowed to enroll in Career Dual Enrollment if they earned a level three (3) or higher on their FSA Mathematics and ELA testing during their 8th grade year. Students must complete the entire course (not program) in the same school year to receive the .08 honors points.

ARTICULATED PROGRAM COMPLETION CREDIT THROUGH HILLSBOROUGH COMMUNITY COLLEGE

The chart below represents the articulated credit a student can earn with Hillsborough Community College (HCC) if they complete all four levels of their Early Childhood program during high school. A total of nine (9) credits will be awarded to a student who selects to take an *Associate in Science* degree track in Early Childhood Management at HCC. *Students must declare their request upon enrollment with a HCC admissions staff member.* Other criteria for receiving this credit includes:

- Furnishing an official copy of the high school transcript indicating successful completion of the high school's Early Childhood program
- Request the articulated credit within three (3) years the student's high school graduation date
- Satisfactorily complete the secondary program with a letter grade of B or better in their program courses

Secondary LEA: School District of Hillsborough County, Florida		Postsecondary Institution: <i>Hillsborough Community College</i>		
Program/Courses	Secondary Numbers	Course Code	Course Name	Awarded Credits
Early Childhood Education 1	8405110	EEC1300	Early Childhood Curriculum	3
Early Childhood Education 2	8405120	EEC1311	Creative Experiences	3
Early Childhood Education 3	8405130	EEC1941	Early Childhood Practicum	3
Early Childhood Education 4	8405140			
Total Credits	4		Total credits	9

The awarding of 9 college credit hours equates to approximately a \$960.66 savings in college tuition.

**ARTICULATED CREDIT THROUGH INDUSTRY CERTIFICATION:
CHILD DEVELOPMENT ASSOCIATE (CDA) (CPREC001)**

Florida Department of Education Gold Standard Career Pathways Statewide Articulation Agreement Industry Certification to AS Degree Program			
Degree Name:	Early Childhood Education Associate Degree		
CIP Number:	1413121004		
Industry Certification:	Child Development Associate (CDA)	Code:	CPREC001
College Credit:	This Gold Standard Career Pathways Statewide Articulation Agreement guarantees the minimum award of course credits or a block of credit toward the above AS program is <u>9</u> hours of credit. This agreement does not preclude the awarding of additional credits by any college through local articulation agreements.		
Validation Mechanism:			
To be eligible for articulation, the student must show evidence of their current Child Development Associate (CDA) certification and it must have been issued within three (3) years prior to their enrollment in the program.			
Rationale/Justification:			
The Child Development Associate (CDA) certification represents industry acknowledgement of technical skill attainment of competencies in the Early Childhood Education Associate Degree program.			
Applicability:			
State college administrators were consulted and agreed that the Child Development Associate (CDA) certification shall articulate <u>nine (9)</u> college credit hours to the AS degree in <u>Early Childhood Education Associate Degree</u> .			
Articulated credit awarded under this agreement may only be applied to the above AS degree.			
Date Presented to ACC	ACC Recommendation	Date Submitted to SBE	SBE Status
February 27, 2019	Approved	May 22, 2019	Approved

This agreement is incorporated by reference in State Board of Education Rule 6A-10.0401 *Gold Standard Career Pathways Articulation Agreements*, which is authorized under 1007.23 Florida Statutes.

The awarding of 9 college credit hours equates to approximately a \$960.66 savings in college tuition.

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: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>. 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 **will not be removed from these courses once the school year begins.** 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.

RESEARCH – for Students with 3+ AP or DE classes

1 credit

Grades 10-12

Students who take 3 or more AP classes are invited to take the research elective that provides a 49 minute class period to receive support and time to work on rigorous assignments. Students will also serve as tutors in subjects such as AVID two to three days per week. This class does not receive any honors or AP points.

ART

AP 2D ART PORTFOLIO

1 credit

Grades 11-12

Prerequisite: Drawing 1/2, Portfolio Development Honors Drawing and 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. Every student is expected to obtain CIW Internet Business Associate certification.

ENGLISH

AP LANGUAGE & COMPOSITION (AP English 3)

1 credit

Grade 11

Prerequisite: Teacher Recommendation and "B" in English Honors 2

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 "C" or better, and Teacher Approval

The purpose of this course is to provide study of elementary functions and the general theory and techniques of Calculus. It is required that the student take the Advanced Placement examination in Calculus AB. A graphing calculator is required for this course.

AP CALCULUS BC

1 credit
Grades 11-12

Prerequisite: AP Calculus AB and Teacher Approval.

The purpose of this course is to provide an extensive study of the general theory and techniques of calculus. It is required that the student takes the Advanced Placement examination for Calculus AB or BC. A graphing calculator is required for this course.

AP STATISTICS

1 credit
Grades 11-12

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

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, evaluating, and drawing conclusions from data. Topics include exploratory analysis, planning a study, anticipating pattern, and statistical inference. It is required that students take the Advanced Placement examination in Statistics. A graphing calculator is required for this course.

SCIENCE

AP BIOLOGY

1 credit
Grades 10-12

Prerequisite: Biology Honors with an "A" for both semesters. Chemistry Honors with an A or B. Teacher approval.

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

1 credit
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 are required to that 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 or Intro to Social Studies and Teacher recommendation

*This class meets World History requirement 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: World History Honors or AP History, Psych 1 and Teacher Recommendation. **This class is taught at the college level.***

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principals, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. Students are required to take the national Advanced Placement Psychology examination. Students in AP Psychology are most successful when they possess strong reading skills, time management skills, and a well-defined work ethic." Upon completion of this course, students will take the AP exam and have the potential to earn three college credits.

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 and contrast 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.

AP GERMAN 4



1 credit

Grade 12

Prerequisite: German 3 and teacher approval

This is an intermediate high foreign language class structured around broad global issues such as art/graffiti, health, science, technology, and the environment. After a review of the previous year's material, students jump back into the AP course with more independence than in German 3 Honors. They will learn to justify and clarify their opinions in detail and structure organized presentations in writing and verbally. Students should also build on their confidence and breadth of vocabulary to function well in a variety of situations. Academic films are also used and analyzed several times a year. At the end of this course, students take their College Board Advanced Placement exam to attempt to earn college credits.



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.

VETERINARY ASSISTING 2

1 credit
Grades 10-12

Prerequisite: Veterinary Assisting 1.

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.

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.

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.

VETERINARY ASSISTING 5

1 credit
Grade 12

Prerequisite: Veterinary Assisting 4

This is an Honors course

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 JROTC

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.

INTERMEDIATE LEADERSHIP II 

1 credit
Grades 10-12

Prerequisite: Introduction to Leadership I

The second year of ROTC includes the following units: basic management principles/resources, American citizenship, and techniques of communication, drug abuse prevention, first aid and hygiene, and role of the U.S. Army. Also, physical fitness, American military history, map reading, and technology awareness are taught. Leadership laboratory has cadets operating in middle manager roles.

APPLIED LEADERSHIP III 

1 credit
Grade 9-12

Prerequisite: Intermediate Leadership II

The third year of JROTC includes the following units: techniques of communication, American military history and citizenship, first aid, and map reading. Also, the role of US Armed Forces, drug abuse prevention, physical fitness, technology awareness, and career opportunities are presented. Leadership laboratory has cadets functioning in upper management leadership roles.

ADVANCED LEADERSHIP IV 

1 credit
Grade 11-12

Prerequisite: Applied Leadership III

The fourth year of JROTC includes the following units: command and staff functions, techniques of communication, physical fitness, drug abuse prevention, and American citizenship. Also, contemporary issues, human relations, and career opportunities are examined. Demonstration problem-solving/decision-making abilities are tested in real-life situations

ART

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

2D STUDIO ART 

1 credit
Grades 10-12

Prerequisite: Drawing 1 or Painting 1; Teacher Recommendation

Students will experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. 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.

3D STUDIO ART 

1 credit
Grades 10-12
\$25.00 fee

The purpose of this course is to give students a basic understanding of three-dimensional art methods, media, techniques and craftsmanship. A sketchbook is required and is part of every assignment and should be treated with the same respect as the finished product. The content includes, but is not limited to, a basic introduction to different three-dimensional processes from a technical, historical and aesthetic point of view. Design exercises are basic to this course. Examples of high quality work from master craftsmen will be studied, emphasizing the concepts of design and craftsmanship. Students will learn to evaluate their own work. Fabric, fiber, clay, wood or similar media are appropriate for this course. The work must be an expression of the individual's imagination and must exemplify a respect for the limitations of the material.

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

The purpose of this course is to introduce 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 gain an understanding of 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 & 2; 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
\$25.00 fee

This course offers students a basic understanding of the ceramic processes, clay construction, surface decorative techniques, and use of ceramic tools. A sketchbook is required as sketches are treated with the same respect as the finished product. Students are required to provide basic supplies.

CERAMICS/POTTERY 2

1 credit
Grades 10-12

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. *A studio fee is required.*

CERAMICS/POTTERY 3

1 credit
Grades 10-12
\$30.00 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. A sketchbook is required, is a part of every assignment, and is treated with the same respect as the finished product. Students are required to provide their own plastic bags and paper towels for completion of their projects.

AVID

(Advancement Via Individual Determination)

AVID 1

1 credit
Grade 9

Prerequisite: Application and Interview required

For students who have previous experience with AVID, the 9th grade lessons will serve as an opportunity for refinement of AVID skills and application in the high school context. For students new to

AVID, the 9th grade progression will expose them to all components of AVID. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test taking, note taking, and research techniques.

AVID 2

1 credit
Grade 10

During the tenth-grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Students will also analyze various documents, in order to participate in collaborative discussions and developed leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

AVID 3 – HONORS

1 credit
Grade 11

Prerequisites: AVID 1 or AVID 2

The eleventh-grade AVID Elective course is the first part in a junior/senior curriculum that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of eleventh-grade, there are activities, units, and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their post-secondary plans.

AVID 4 – HONORS

1 credit
Grade 12

Prerequisite: AVID 3

The AVID Elective twelfth-grade course is the second part in a junior/senior course that focuses on writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project building on knowledge and skills developed in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the

senior year that support students as they apply to four-year universities and confirm their post-secondary plans.



BUSINESS TECHNOLOGY

DIGITAL INFORMATION TECHNOLOGY

EARN MICROSOFT OFFICE CERTIFICATION

1 credit

Grades 9-12

This course satisfies the Fine Arts graduation requirement.

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. Digital Information Technology (DIT) includes the exploration and use of databases, the Internet, spreadsheets, presentations, management of personal information, email, word processing and document manipulation, HTML, web page design and the integration of these programs using software that meets industry standards. DIT students continue to AP Computer Science Principles. Students are expected to earn an industry certification in Social Media or Information Technology Fundamentals.

TELEVISION PRODUCTION 1

1 credit

Grades 9 - 12

This course satisfies the Fine Arts graduation requirement.

The basics of video production and editing are covered in this class. Students will focus on using Adobe Premier to edit videos and work toward their Adobe Certified Associate certification. They will also focus on using the camera, recording audio and creating videos to be aired on the WSTV Morning Show. Students will work both in front of and behind the camera.



TELEVISION PRODUCTION 2, 3, 4

1 credit

Grades 10-12

Prerequisite: TV Productions 1 and/or 2 and teacher approval.

This course satisfies the Fine Arts graduation requirement.

These classes teach advanced editing techniques and camera operation. Learn elements of pre- and post- production, multi-camera shoots, and cinematic film creation. Students will produce a studio recorded show and video productions to be included for that show. TV Production 3 and 4 students may also focus on creating short films, many of which can be entered into various film contests.

MODELING AND SIMULATION FOUNDATIONS

EARN CIW CERTIFICATION (HTML AND HTML5)

1 credit

Grades 9-12

This course satisfies the Fine Arts graduation requirement.

This course provides an overview of the development and expansion of the field of Modeling and Simulation and its impact on society and industry. Strategies, processes and methods for conceptualizing modeling and simulation are introduced to serve as a foundation to cultivate interest and introduce technology skills and knowledge necessary for careers in modeling and simulation. Hands-on activities using entry-level Modeling and Simulation development tools are integrated into the curriculum. There will be several project and standards based culminating activities where the student develops and creates multiple visual models and graphics to aide in the development of a professional portfolio.

MODELING AND SIMULATION DESIGN

EARN ADOBE, ILLUSTRATOR, PREMIER CERTIFICATION

1 credit

Grades 10-12

Prerequisite: M&S Foundations

This course satisfies the Fine Arts graduation requirement.

This course explores the fundamental principles of modeling and simulation design and application including modeling principles, 3D software, photo enhancement, animation development incorporating video and sound techniques, problem analysis, problem solving and its implications for meeting the needs of industry and society. There will be several project and standards based culminating activities where the student develops and creates multiple visual models and graphics to aide in the development of a professional portfolio.

MODELING AND SIMULATION APPLICATIONS

1 Credit

Grades 10-12

Prerequisite: Modeling and Simulation Design

This course focuses on the acquisition of technology skills for rendering a Modeling and Simulation product, including visual simulation and engineering logistics and implementation issues as they relate to Modeling and Simulation products. Hands on activities using an entry-level modeling and simulation developmental tools, Blender, SketchUP and TinkerCAD are just a few examples. Programming development environments like Unity3D are a focus in this course and coding language like C# and Java will be explored and utilized to develop applications and small-scale simulation. The culminating activity is the rendering of a complex 3D simulation Design to aid in the development of a professional portfolio.

MODELING AND SIMULATION PROTOYPING AND INNOVATION

1 Credit

Grades 11-12

Prerequisite: Modeling and Simulation Applications

This course provides students with the extended modeling and simulation content and skills essential for innovating, designing, and producing prototypes. Hands on activities using an entry-level modeling and simulation development tool (i.e. Auto Desk, Solid Works or other comparable software) will be integrated into

ENGLISH HONORS 1, 2, 3, 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.

AFRICAN AMERICAN LITERATURE

.5 credit
Grades 11-12

The course is a journey through the development of the African American creative voice, spanning the last 80-plus years. Beginning with the poetry and prose of the Harlem Renaissance and ending with the modern grit of the African American rapper, the course will reflect a literary review of how these giants used the same literary tools of other sub-cultures, and added their own "flavor."

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

This course satisfies the Fine Arts graduation requirement. The purpose of this course is to provide instruction in basic aspects of journalism and workshop experiences 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

IMPROVISATION 1 AND 2

1 credit each
Grades 9-12

This course satisfies the Fine Arts graduation requirement
Like stand up comedy? Like Sketch Comedy like Saturday Night Live and Whose Line Is It Anyway? If so, this course is for you! Learn to think creatively and off the top of your head. Great class to help you with college and job interviews! No memorization! Learn to think quickly by participating in theatre games and scenarios. This course is for anyone...not just theatre students! Come join the fun while developing important life skills!

ACTING 1-4

1 credit each
Grades 9-12

This course satisfies the Fine Arts graduation requirement
Students are introduced to the foundations of acting through the use of exercises, assignments, prepared monologue and scene work, production rehearsals and play attendance. After school participation is required for this course.

MUSICAL THEATRE 1-3

1 credit each
Grades 9-12

This course satisfies the Fine Arts graduation requirement
Students participate in various aspects of musical theatre, with special attention to the fundamentals of voice production, stage movement, acting, characterization, dance and the technical aspects of a musical production. After school participation is required for this course.

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 12

This course satisfies the Fine Arts graduation requirement.
Students explore playwriting, stage management and directing through participation with several hands-on projects throughout the year. Preparation for college auditions is also a part of this course. Students interested in pursuing a career in the performing arts are strongly suggested to take this course, but it is not a requirement. After school participation is required for this course.

TECHNICAL THEATRE DESIGN: COSTUME, HAIR, MAKEUP (Tech the D/P CMH)

1 credit
Grades 9-12



Students focus on learning the basic tools and procedures for designing and creating costumes, hair, and makeup with particular attention to technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials. Students also learn the standard conventions of design presentation and documentation; the organizational structure of theatre production and creative work in a collaborative environment; and the resulting artistic improvement. Public performances may serve as a culmination of specific instructional goals. Students will understand elements of good design, create strong characterization and tell a story, develop the skills that will clearly express thoughts and ideas to others, develop critical sewing skills on both machine and manually, applying makeup and hair elements to a costume design, understand the color wheel and basic art/drawing/painting skills and ability to create a design concept and make it come to reality.

TECHNICAL THEATRE DESIGN AND PRODUCTION

1-3



1 credit
Grades 10-12

This course continues on the themes of theatrical makeup learned in the Costume, Hair, and Makeup D/P CMH course. Level 1 follows the CMH course, with level 2 and 3 in a student's junior and senior year.

THEATRE, CINEMA AND FILM PRODUCTION



1 credit
Grades 10-12

In Theatre, Cinema, and Film Production, a one-credit course, students explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate the theme. Students also prepare a

PRINCIPLES OF FOOD PREPARATION



1/2 credit
Grades 9-12

Hands-on experience in preparing meals for breakfast, lunch, and dinner is the core of Principles of Food Prep. Using our 4 kitchen food labs, students knife skills, recipe reading and modification techniques to cook a variety of recipes and special occasion foods and party planning and table etiquette. Students learn essentials lessons in kitchen and food safety to pass the nationally recognized industry certification called **ServSafe Food Protection Manager Certificate**, which is valuable for any job in the hospitality industry.

PARENTING SKILLS



1/2 credit
Grades 9-12

Students put into practice parenting roles and responsibilities by taking care of **our class set of life-like Real Care babies**, which can be programmed to mimic the baby's need to be held, rocked, fed, diaper and clothing changes. Students explore how to make decisions based on their desires and goals for their future. We strive to maintain positive relationships and healthy habits to meet the Physical, Intellectual, Emotional, and Social needs of a parent and child. This course will also enhance their abilities to assist children to become successful citizens in our multicultural and technological society.



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.

MARKETING ESSENTIALS



1 credit
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.

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.

MARKETING MANAGEMENT



1 credit
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.



FASHION MARKETING ESSENTIALS



1 credit
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.

factoring; rational algebraic expressions, irrational numbers; radical expressions; and quadratic equations.

ADVANCED TOPICS

1 credit

Grades 11-12

Prerequisite: Algebra 2

The purpose of this course is to enhance and continue the study of mathematics after Algebra I, II, and Geometry and provides a college level foundation to students not aspiring to a math, science, or technology major. This course is on the NCAA approved course list

ALGEBRA 1A

1 credit

Grade 9

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Focus: Relationships Between Questions and Reasoning with Equations, Linear and exponential Relationships

ALGEBRA 1B

1 credit

Grades 10

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Focus: Descriptive Statistics, Expressions and Equations, Quadratic Functions and Modeling

ALGEBRA 2

1 credit

Grades 10-12

Prerequisite: Algebra 1 and Geometry

The purpose of this course is to continue the study of the structure of Algebra and to provide the foundations for applying these skills to other mathematical and scientific fields. Topics shall include the review and extension of the structure and properties of the real number system; relations; functions and graphs; polynomials and rational expressions; quadratic equations and inequalities; polynomial functions; rational and irrational exponents; logarithms; complex numbers; and word problems.

ALGEBRA 2 HONORS

1 credit

Grades 10-12

Prerequisite: Geometry Honors with a "C" or better

This course presents an in-depth study of the topics of Algebra II with emphasis on theory, proof and development of formulas, as well as their application. Topics shall include algebraic structure; first degree equations in one and two variables solved algebraically and graphically; systems of equations and inequalities; functions and relations; polynomials and rational expressions; exponents and radicals; logarithms; complex numbers; conic sections; polynomial equations; sequences and series; permutations, combinations and probability; and matrices. Proofs and special projects are an integral part of the course. A graphing calculator is required for this course.

GEOMETRY

1 credit

Grades 9-12

Prerequisite: Algebra 1B, Algebra 1, or Liberal Arts Math

The purpose of this course is to emphasize critical thinking involving the discovery of relationships and their proofs and skill in applying the inductive and deductive method to mathematical situations. Topics shall include logic and reasoning; the study of Euclidean geometry of lines, planes, angles, triangles; similarity; congruence; geometric inequalities; polygons and circles; area and volume; and constructions.

GEOMETRY HONORS

1 credit

Grades 9-10

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

The purpose of this course is to give a rigorous in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. Topics include structure of geometry; separation properties; angle concepts; triangles; quadrilaterals; proofs; perpendicularity and parallelism in a plane and in space; similar polygons; circles and spheres; constructions; area and volume; coordinate geometry.

INTENSIVE MATH 3

1/2 credit

Grades 11-12

For each year in which a student scores at Level 1 on FSA Mathematics, the student must receive remediation by completing an intensive mathematics course the following year or having the remediation integrated into the student's required mathematics course. This course should be tailored to meet the needs of the individual student. Appropriate benchmarks from the following set of standards should be identified to develop an appropriate curriculum. *Note: this course does NOT satisfy a mathematics credit for graduation.*

LIBERAL ARTS MATHEMATICS 1

1 credit
Grades 9-12

Prerequisite: Algebra I

This course strengthens the mathematical skills required for college entrance examinations and for further study of advanced mathematics. This course is designed for the student who have not passed the Algebra 1 EOC, and who needs strengthening before continuing in the college preparatory sequence. *Colleges do NOT recognize this course for entrance requirement.*

MATH ANALYSIS HONORS

1/2 credit
Grades 11-12

Pre-requisite: Trigonometry or Pre-Calculus

The purpose of the course is to provide students with the opportunity to study mathematics and enhance their knowledge prior to entering a college level math course. Topics range from graphing lines to systems of equations to basics of Calculus (limits and derivatives). This course is taken along with Trigonometry.

MATH FOR COLLEGE SUCCESS (SAT Prep)

1/2 credit
Grades 11-12

Pre-requisite: Algebra 2 or higher

The purpose of this course is to provide students with the opportunity to study the mathematics content on the SAT standardized test. This course will give extra practice and show test taking strategies and “tricks” to help you with the mathematics portion of the SAT. Topics will include Algebra 1, Geometry, and Algebra 2.

MATH FOR COLLEGE READINESS

1 Credit
Grades 10-12

Prerequisite: Geometry

This course is designed to help students become college ready in mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Ratios and Proportional Relationships, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

ADVANCED ALGEBRA WITH FINANCIAL APPLICATIONS

1 credit
Grades 11-12

Prerequisite: Algebra 2 or higher level math

By combining algebraic and graphical approaches with practical business and personal finance applications, Financial Algebra motivates high school students to explore algebraic thinking patterns and functions in a financial context. It will help your students achieve success by offering an applications based learning approach incorporating Algebra I, Algebra II, and Geometry topics. The class encourages students to be actively involved in applying mathematical ideas to their everyday lives.

PRE-CALCULUS HONORS

1 credit
Grades 11-12

Prerequisite: Algebra 2 Honors with a “B” or better

The purpose of this course is to study mathematics using functions as a unifying theme. Content shall include polynomial and rational functions, statistical and probability functions, exponential and logarithmic functions, and trigonometric and circular functions. A graphing calculator is a requirement of this course. This course is a prerequisite for Calculus AB/BC

TRIGONOMETRY HONORS

1/2 credit
Grades 11-12
Semester 1 only

Prerequisite: Algebra 2 or Algebra 2 Honors, with a “C” or better

The purpose of this course is to provide students with the study of circular trigonometric functions and their applications. Topics shall include circular functions; trigonometric identities; graphs of trigonometric functions; particular and general solutions of trigonometric equations; and solutions of right and oblique triangles. This course is paired with Math Analysis. A graphing calculator is required for this course.

STATISTICS HONORS

1 credit
Grades 11-12

Prerequisite: Algebra 2 Honors with a “C+” or better; 3 on FSA Reading

The purpose of this course is to explore the fundamental concepts of probability and statistics through exercises that require students to interpret results, provide written explanations, find patterns, and make decisions. The main objective is to provide students with the foundations of statistical inference mostly used in a wide variety of disciplines such as business and economics. The critical areas deepen and extend understanding of how to summarize, represent, and interpret data, and how to interpret linear models.

MUSIC

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

GUITAR (CLASSICAL)

1 credit
Grades 9- 12

The purpose of this class is to provide students with the exposure to classical guitar playing, note reading and musical concepts. This is a beginning course. No experience required. Students will need to provide their own classical or acoustic guitar.

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

Prerequisite: Middle School Band

The purpose of this course is to provide students with instruction in the application of musicianship and technical skills through the study of varied band literature. Participation in Marching Band is required. Rehearsals and performances outside of class time are required. There is a fee for this class.

BAND 2, 3, 4 

1 credit each
Grades 10-12

Prerequisite: Band 1, 2, 3

These courses provide students with advanced instruction in the application of musicianship and technical skills. Rehearsals and performances (Marching Band) outside of class time are required. Placement in level is based upon successful completion of previous level. There is a fee for this class.

BAND 5, 6 HONORS 

1 credit each
Grades 11-12

Prerequisite: Completion of Band 1, 2, and Director Approval

These courses are designed to provide advanced instruction for students who would like to enhance their curriculum in Band III, IV. Upon successfully completing the Honors curriculum the student will receive honors points not available in Band III or IV. Rehearsals and performances (marching band) outside of class time are required. There is a fee for this class.

JAZZ ENSEMBLE 1, 2, 3, 4 

1 credit each
Grades 9-12

Prerequisite: Band Director Approval/Audition

Co-requisite: Enrollment in Band 1, 2, 3, 4, 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, 3, 4, 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.

INSTRUMENTAL TECHNIQUES 1, 2, 3, 4 

1 credit
Grades 9-12

Prerequisite: Middle School Band, Teacher Approval/Audition
These courses provide students with advanced instruction in the application of musicianship and technical skills for percussionists only. This class provides a performance opportunity for the Alonso Drumline and Front Ensemble during marching season. Rehearsals and performances (Marching Band) outside of class time are required throughout the year. Placement in this course is based upon an audition held the previous year in April/May. There is a fee for this class.

EURHYTHMICS 1, 2, 3, 4 

1 credit
Grades 9-12

Prerequisite: Audition; Teacher Approval

The purpose of this course is to enable students to develop basic skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance. Participation in Marching Band in the fall and Winter Guard in the spring is **REQUIRED**. Rehearsals and performances outside of class time are **REQUIRED**.

ORCHESTRA 1 

1 credit
Grade 9

No previous pre-requisite is needed! The purpose of this class is to introduce students to playing string instruments (violin, viola, cello, and bass). If students have played, but need a refresher course, this is the class. Students may rent school instruments, if necessary.

A wide scope of instruction and musical awareness will be a part of the course. An emphasis on string instruments will be made. *A fee is required and students will attend rehearsals and performances outside of school hours.*

ORCHESTRA 2, 3, & 4 

1 credit each
Grades 10-12

Prerequisite: Previous level and Director Approval Honors level available for select Juniors and Seniors only

This course is designed to develop a student's skills in music ensembles on orchestral instruments. A wide scope of instruction and musical awareness will be a part of the course. An emphasis on string instruments will be made. *A fee is required and students will attend rehearsals and performances outside of school hours.*

ORCHESTRA 5, 6 HONORS 

1 credit
Grades 11-12

Prerequisite: Previous level and Director Approval

These courses are designed to provide advanced instruction for students who would like to enhance their curriculum in Orchestra III, IV. Upon successfully completing the Honors curriculum the student will receive honors points not available in Orchestra III, IV. Rehearsals and performances outside of class time are required. *A fee*

is required and students will attend rehearsals and performances outside of school hours.

CHAMBER ORCHESTRA



1 credit

Grades 9-12

Prerequisite. Audition: Teacher recommendation

Small String Group of advanced musicians to play serious music from the Baroque and Classical periods. This course represents Alonso's best and performs in various showcase events. Must be enrolled in an Orchestra I II III IV V or VI classes. Students will be selected from Orchestra courses to make up the Chamber Orchestra.

CHORUS 1

1 credit

Grades 9-12

This year long, entry level class, designed for students with little or no choral experience, promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Rehearsals focus on the development of critical listening skills; foundation instrumental technique and skills; music literacy; and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

CHORUS 2-4

1 credit

Grades 10-12

Prerequisite: Audition; Minimum one year music (band, chorus, or orchestra); Theory Placement Test; AHS Choral Director Placement Only.

The purpose of this course is to provide advanced choral singers with the opportunity for high level performances in a vocal ensemble setting through the study of appropriate vocal literature. Performance techniques, music knowledge, critical analysis, and aesthetic responses are emphasized. Rehearsals and performances are required beyond the school day several times throughout the year. Students will be expected to practice outside of class time and to attend all required events. A minimum GPA of 2.0 must be maintained. Materials and uniform are required for this class.

READING

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.

INTENSIVE READING 2

1 credit

Grade 9

Placement is determined by FSA ELA score.

The purpose of this course is to remediate and continue the development of grade level 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.

READING 2B

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.

READING 2C

1 credit

Grade 10

Placement is determined by FSA ELA score.

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.

JUNIOR FSA/SAT PREP

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.

SENIOR FSA/ACT PREP

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 HONORS**

1 credit

Grades 11-12

Prerequisite: Biology Honors with a "B," 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 I 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: Physical Science Honors with a "B" or higher and 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 HONORS

1 Credit

11-12

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.

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 1 REGULAR 

1 credit
Grades 11-12

Prerequisite: Passing grade in Chemistry

This course will cover the same content as the Marine Science Honors class. Pacing will be slower.

PHYSICAL SCIENCE

1 credit
Grade 9

Prerequisite: Integrated Science 1 or Biology

Physical Science is the second of a series of three courses focused on an integrated, coordinated instruction of all the Sunshine State Standards in Science. The purpose of this new course is to provide opportunities to investigate the theories and ideas associated with a holistic view of the physical sciences and basic chemistry in a way that is relevant, useable and consistent with the Sunshine State Standards in Science. Students construct science knowledge by formulating questions, making predictions, planning and conducting experiments, making observations, classifying, interpreting and analyzing data, drawing conclusions and communicating. Laboratory experiments that include use of inquiry, experimental design, measurement, and safe use of laboratory materials are an integral part of this course. This course will satisfy the **Physical Science** graduation requirement.

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 

1 credit
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.

APPLIED ENGINEERING AND TECHNOLOGY 1 

1 credit
Grades 9-12

Applied Engineering and Technology 1 is a course designed to provide students with a foundation of knowledge and technically orientated experiences in the study of applied engineering and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of entrepreneurship, safety, and leadership skills. The program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes, and systems in business and industry.

APPLIED ENGINEERING AND TECHNOLOGY 2 

1 credit
Grades 10-12

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of applied engineering and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of entrepreneurship, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry.

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
Grades 9

Co-requisite Multicultural or Introduction to the Social Sciences
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
Grades 9

Co-requisite: Multicultural Honors or Introduction to the Social Sciences and English 1 Honors
Prerequisite: Teacher recommendation.
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.

HOLOCAUST

1/2 credit
Grade 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.

WARS OF THE 20TH CENTURY

1/2 credit
Grades 10-12

This class covers U.S. involvement in the wars starting with the Spanish American War and ending with the First Gulf War. The main concentration is on the Vietnam War. This class focuses both on the fighting of the war as well as the social and cultural effects of the different wars on the U.S.

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

MULTICULTURAL STUDIES

1/2 credit
Grade 9

Required for all 9th grade American Government regular students
Co-requisite: American Government Regular

Multicultural Studies is a class designed to explore the diversity of America and how various groups have contributed to the building of our democratic nation. As students study African-Americans, Hispanic-Americans, Jewish-Americans and Women, they will develop a respect for different cultures, their contributions and come to understand the struggles and triumphs of these groups. This class will also include reading and studying strategies that students will utilize throughout their high school and post-secondary careers.

INTRODUCTION TO THE SOCIAL SCIENCES

1/2 credit
Grade 9

Co-requisite: American Government Honors + English Honors

This class is an introduction to the essential concepts in the fields of anthropology, economics, geography, history, political science, psychology and sociology. Students will learn about the basic skills involved in the study of the social sciences, and develop effective logic and reasoning skills. 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 will also include reading and studying strategies that students will utilize throughout their high school and post-secondary careers.

PSYCHOLOGY 1



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

1 credit
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.

LATIN AMERICAN HISTORY

1 credit
Grades 9-12

Latin America includes over 20 countries and millions of square miles--that means there is a lot of history! This course includes the region's numerous pre-Columbian civilizations, European colonization, wars for independence, and journeys to the modern nations that we know today. Beyond history, the course includes physical geography and primary sources that include art and literature. Whether you have Latin American heritage that connects you to the content or you just want to learn more about the region, this course will have new and diverse topics for learners of all backgrounds.

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.)

INTRO TO DANCE

.5 credit
Grades 9-12

Students in this semester course will learn introductory information regarding the role of dance in history and culture, a variety of dance styles including modern, ballet, jazz, hip hop, and various world dance styles, and the importance of health and fitness for how the body functions in dance movements. Proper dance attire is required.

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.

CARE AND PREVENTION OF ATHLETIC INJURIES

1/2 credit
Grades 10-12

The purpose of this course is to enable students to develop knowledge of the anatomy and physiology related to athletic injuries and skills related to the prevention, care (taping, etc.), and rehabilitation of athletic injuries.

DRIVER EDUCATION

1/2 credit
Grades 9-12
Lab Fees: \$40

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**GERMAN 1** 

1 credit
Grades 9-11

This is an introduction to German language and culture with activities and games to learn vocabulary. Students learn to talk mostly about themselves 1st semester and then expand to discuss others/their community 2nd semester. History and cultural celebrations, such as Oktoberfest and other holidays, are a consistent part of our curriculum. We also take several field trips and explore cooking foods from German-speaking areas. Grammar, reading, and writing are regularly incorporated, but Frau Zeliff makes it as engaging as possible with music, puppets, and videos.

GERMAN 2 

1 credit
Grades 9-12

Prerequisite: German 1

This is an expansion to beginning German. German 1 must be completed prior to registering for German 2. This course includes a review of level 1 and thematic units including topics like shopping, holidays, German cars, and travel. Students learn to make more complex sentences and expand their working vocabulary through activities and games. We also take several field trips and explore cooking foods from German-speaking areas. Grammar, reading, and writing are regularly incorporated, but Frau Zeliff makes it as engaging as possible with music, puppets, and videos.

GERMAN 3 HONORS 

1 credit
Grades 10-12

Prerequisite: German 2 and teacher approval

This is an intermediate foreign language class with thematic topics around global issues. German 2 must be completed with a B average before taking German 3 Honors. After a thorough review of beginner German skills, students work with broad concepts such

as art/graffiti, health, science, fairy tales, technology, and the environment. More authentic resources are used with pictures and vocabulary assistance from Frau Zeliff to make the materials accessible to students coming out of level 2. This course prepares students for the level 4 AP German class and has some longer writing and reading passages, but is again presented with a lot of teacher support. We continue our several field trips and still explore cooking foods from German-speaking areas. Academic films are also used and analyzed several times a year.

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 student in Spanish 1. It will continue to focus on the World Language 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 receive more emphasis, while oral communication remains the primary objective. 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 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.

SPANISH 1 NATIVE SPEAKER

1 credit
9-11

Prerequisite: Basic communication skills of speaking, reading and writing, are required to enter the Native Speaker program.

The content of this course is designed for those students who are a Native or a Heritage speaker of the Spanish Language, who wish to expand their grammar, writing and reading comprehension skills, as

well as their cultural awareness. Students will move to Spanish 2 Native Speakers after successfully completing this course. The course is conducted entirely in Spanish.

SPANISH 2 NATIVE SPEAKER

1 credit
9-12

Prerequisite: Spanish 1 Native Speaker

The content of this course is designed for those students who are a Native or a Heritage speaker of the Spanish Language, who wish to continue to expand their grammar, writing and reading comprehension skills, as well as their cultural awareness. This course will focus on reading comprehension and writing at an advanced level. Most students will be able to move to Spanish Language AP after successfully completing this course. The course is conducted entirely in Spanish.

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 4th 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.

