

Armwood High School

Curriculum and Course Selection

Guide 2023 - 2024



A Message from the Assistant Principal for Curriculum:

Shortly, you will be making decisions affecting course selection for the 2023-2024 school year. While it is not easy to make choices that impact your future, it is imperative that you give careful thought to these selections. Think about your future aspirations while keeping in mind the requirements for each course of study: Career Prep or College Prep. Choose electives with an eye on your interests and future goals. To assure proper placement in classes, talk to your parents, teachers, and counselors, taking into account previous grades and achievement. Decide on courses that will enable you to perform well at colleges, universities, trade, or technical schools to meet your personal and career goals.

The administration, school counselors, and teachers at Armwood are committed to giving you their time, understanding, and counsel. Counselors will review worksheets and meet with students individually through their English classes. Wise choices today will result in continued success tomorrow. We wish each of you a very successful school year.

Nikol Steele
Assistant Principal for Curriculum

Required Courses

All courses required for graduation are automatically scheduled for each of the students based upon FSA scores, course of study, and current coursework achievement. The courses listed in this guide are the elective courses students need to choose based upon their major area of interest and post-secondary plans.

Believe... Achieve... Succeed!
Armwood High School
Committed to Excellence in Education

Armwood's Mission

We will work hard to meet the needs of each individual student each day.

Armwood's Vision

We will be a caring and educationally sound community.

Graduation Requirements & Guidance Information

Guidance Services

The Guidance Department, while working with students, parents, school staff, and community, strive to create a positive atmosphere in which all students may develop to their fullest potential. The counselors and college/career resource specialist serve a major role in the course selection process. They are your best resource when it comes to specific program and course requirement information relating to graduation. The counselors also have the most current information regarding the Florida Bright Futures Scholarship Program.

Honors/Advanced Placement Courses

It has been shown that the weighing of grades in advanced courses more accurately correlates to a student's achievement than with his/her class standing. A 0.04 bonus will be added to the student's district cumulative grade point average for each ½ credit completed in an honors course (C or higher). A 0.08 bonus will be added to the student's district cumulative grade point average for each ½ credit earned in an Advanced Placement course (C or higher).

Dual Enrollment

Dual Enrollment (College Credit) courses require a 3.0 grade point average and passing scores on the PERT, SAT, or ACT PRIOR to scheduling. Dual enrollment courses will continue to earn an additional 0.08 in honors points to their district GPA per ½ credit earned.

Additional Requirements

- ~ Students who pass all 24 of their required courses but fail to pass the FSA Reading benchmark will receive a Certificate of Completion.
- ~ Students must have a 2.0 State Grade Point Average or higher to graduate.
- ~ Students must complete all 24 credits required for graduation in order to participate in the graduation ceremony.

Armwood High School Articulation Highlights School Improvement Team Requirements and Adjustments To State Graduation Standards

- ~ All 9th or any 10th grader whose FSA Reading scores indicate that they are at risk to pass the graduation benchmark for Reading will be scheduled in Reading classes as appropriate.
- ~ Any 11th or 12th grader who has not passed his/her FSA Reading or Algebra I EOC Math benchmark will be scheduled into the appropriate remediation classes.
- ~ All students are required to carry a balanced academic load of 7 credits each year.
- ~ Students are encouraged to take the most academically rigorous courses available.
- ~ Students should make every effort to qualify for one of the Bright Future Scholarships: Florida Academic Scholars, Florida Vocational Gold Seal Endorsement and Scholarship, or the Florida Medallion Scholarship.



EXCEPTIONAL STUDENT EDUCATION

Exceptional Student Education programs offer both standard and special diploma courses. Exceptional Student Education students are programmed on an individual basis after consultation with the case manager and the Individual Education Plan (IEP) goals and objectives are reviewed. Prerequisite for all courses is the placement by the Department of Special Instructional Services Staff. Armwood High School offers programs in:

1. Specific Learning Disabilities
2. Emotional/Behavioral Disabilities
3. Intellectual Disabilities
4. Physically Impaired
5. Deaf/Hard of Hearing
6. Varying Exceptionalities
7. Other Health Impairments
8. Speech/Language
9. Visually Impaired

Armwood High School 2023-2024 Course Selection

Rising 10th-12th






Using the options on the back of this sheet, complete the following spaces with your intended Elective Requests

	Semester 1	Semester 2
1	English Placement (R, H, AP, AICE, DE)	English Placement (R, H, AP, AICE, DE)
2	Math Placement (R, H, AP, AICE, DE)	Math Placement (R, H, AP, AICE, DE)
3	Science Placement (R, H, AP, AICE, DE)	Science Placement (R, H, AP, AICE, DE)
4	Social Science Placement (R, H, AP, AICE, DE)	Social Science Placement (R, H, AP, AICE, DE)
5		
6		
7		
8		

Student Placement

At Armwood High School, we believe all students can rise to the standards and expectations set before them. We believe that students can be stretched based on their capabilities, placing them in the best possible seat for their post-secondary options. Therefore, all students’ core subjects will be determined by state assessments and course performance. Based on Florida’s High School Diploma Requirements, students’ electives may also be limited to graduation benchmarks (HOPE, Performing Fine Arts, Intensive Reading). Here is a brief description of some of the advanced academic programs we utilize to fully prepare our students for life.

Advanced Placement (AP)	Dual Enrollment (DE)	AICE
<p>Advanced Placement (AP) is a program created by the CollegeBoard; offering college-level criteria & skills. Student will have the opportunity to earn college credit, stand out to post-secondary institutions & scholarship selections, and provide students with the needed skills to study and thrive in their education options after high school. While some of our core coursework is completed through AP, students will also have the option to pursue AP, DE, and AICE elective options that match their specific interests.</p> 	<p>Through a partnership with Hillsborough Community College, high school students are provided with an opportunity to enroll in postsecondary courses, receiving both high school & college credits. We offer a wide-variety of Dual Enrollment courses on our campus. Students also have the option to sit for these courses at their local HCC as well! DE coursework requires a 3.0 unweighted GPA; several of the course also requires a College Ready score on PERT/SAT/ACT.</p> 	<p>Cambridge AICE (Advanced International Certificate of Education) is an international diploma program created to provide students with a more challenging high school experience & a chance to earn college credit. Our AICE offerings & diploma structure are flexible & allow students to tailor their coursework to their specific interests and strengths. AICE coursework/placement will also be completed by students not intending to pursue the full AICE diploma.</p> 

Armwood High School Elective Selection

Literacy

Journalism 1
Journalism 2-4 (Yearbook)
Lit in the Arts 1 (Sem, PFA, Hon)
Lit in the Arts 2 (Sem, PFA, Hon)
LIN 1670 – Eng Gram & Use (DE)
SLS 1106 – College Success (DE)

Math

AP Calculus AB
MAC 1105 – College Algebra (DE)

Science

Anatomy & Physiology (Hon)
Earth/Space Science
AP Biology
AP Chemistry

Social Science

African American History (Sem)
Florida History (Sem)
History of Vietnam War (Sem)
Holocaust (Sem)
Latin American History (Sem)
Law Studies (Sem)
Psychology (Sem)
Sociology (Sem)
AP European History
AP Human Geography
REL 2300 – Intro. To Religion (DE)

World Language

Spanish 1, 2, or 3
French 1, 2, or 3
AP Spanish Language
AP Spanish Literature

Art

Basic Drawing (Sem, PFA)
Creating 3-D Art (Sem, PFA)
Paint 1
2-D Studio Art 1
2-D Studio Art 2
AP Studio Art

AICE Electives

AICE Media Studies
AICE Psychology
AICE Environmental Management
AICE Marine Science
AICE Travel and Tourism

Physical Education

Drivers Education (Sem)
Basketball 1 (Sem)
Basketball 2 (Sem)
Power Weights 1 (Sem)
Soccer (Sem)
Team Sports 1 (Sem)
Team Sports 2 (Sem)
Weight Training 1, 2, or 3 (Sem)

Theatre

Theater 1, 2, or 3 (PFA)

Music

Band 1 - 6 (PFA)
Eurhythmics 1 - 6 (PFA)
Inst. Tech 1, 2, 3, or 4 (PFA)
Jazz Ensemble 1 or 2 (PFA)
Orchestra 1, 2, 3, or 4 (PFA)
Percussion 1, 2, 3, or 4 (PFA)

Agriculture

Agriscience Foundation 1 (IC)
Animal Science 1, 2, 3, or 4 (IC)
Ag Biotechnology 1,2, or 3 (IC)
Animal
Biotechnology 1 or 2
Agriculture OJT
Vet Assisting 1 (IC)
Vet Assisting 2 (IC)

General

AVID 1, 2, 3, or 4
Culinary 1, 2, 3, or 4 (IC)
JROTC 1, 2, 3, or 4 (IC)
Machine Tech 1, 2, 3, or 4 (IC)
OJT – On-the-Job Training
TV Production 1, 2, 3, or 4
(PFA/IC)

Business (Some are PFA/Econ/ IC)

Customer Service 1, 2, 3, or 4 (IC)
Digital Info Technology (IC)
Accounting Apps (Honors, IC)
Econ. & Financial Serv. (Hon, IC)
Personal Finance (Honors, IC)
E1 - Principles Entrepreneur (IC)
E2 – Business Mgmt. & Law (IC)

Computer Science

Game & Sim
Foundation (PFA/IC)
Game & Sim Design
(PFA/IC) Game & Sim
3D Anim (PFA/IC) AP
Computer Sci (IC)
AP Computer Sci A (IC)



Student elective requests are not guaranteed. Preferences will be granted based on availability & space.

Student elective requests are also commitments. We build sections and teacher assignments based on student requests.

Core placement of students will not be an option. Students who believe they can't be successful in a course in which they're appropriately placed will create a study plan & contract with the teacher requiring their best efforts.

Student Signature:

My signature and/or submission of my Course Request Sheet is a recognition of Course Placement and Elective Request policies & procedures.

Ledger

Sem – This course is only half a year.

Hon – This is an Honors course w/ a .04 GPA Bonus

PFA – This Course satisfies a student's Performing Fine/Art state requirement

IC – This Course offers an Industry Certification & potentially satisfies a student's Online credit

ENGLISH

ADVANCED PLACEMENT ENGLISH- LANGUAGE & COMPOSITION (1.0 credit) (Grade 11)

The purpose of this course is to provide students with an understanding of the semantic, structural and rhetorical resources of the English language as they relate to the principles of effective writing. The course is also designed to provide students with a variety of writing opportunities, calling for the use of different styles and themes. The advanced placement exam administered in May is a requirement.

ADVANCED PLACEMENT ENGLISH-LITERATURE AND COMPOSITION (1.0 credit) (Grade 12)

The purpose of this course is to involve students in the study and practice of writing and in the study of literature. Students learn to use the modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Students acquire an understanding of the resources of the language and an understanding of the writer's craft. They should develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as a shared experience. The advanced placement exam administered in May is a requirement.

DUAL ENROLLMENT FRESHMAN ENGLISH I & II (1.0 credit each) (Grade 12)

Students will need a 3.0 or higher GPA, a passing score on the College Placement Test through Hillsborough Community College or a passing score on their SAT or ACT exam. When students complete this course, they will earn college credit through HCC. There is no fee and textbooks are provided.

JOURNALISM I (1.0 credit) (Grades 9-12)

Journalism is the study of gathering, writing, and reporting news. Beginning journalism students receive instruction in all areas of journalism needed to pursue staff positions on the yearbook. Among the areas covered in this course include: interviewing, reporting, feature writing, news stories, layout design, advertising, photography, journalistic ethics, and professional standards. This is not a student publications course.

JOURNALISM II – IV/Yearbook (1.0 credit) (Grades 10-12)

(Honors points can be earned if students complete honors portfolio requirements.)

Students may apply for a staff position on the yearbook. Yearbook staff learn the different aspects of yearbook journalism, including advertising, photography, copy, layout, page proof checking, and deadlines. This is a student publications and business course. Students will be required to produce and promote/sell the product. Teacher recommendation required.

CREATIVE WRITING I (0.5 credit) (Grades 9-12)

The purpose of this course is to develop students' writing and language skills needed for individual expression in literary forms. The content includes, but is not limited to, instruction in the development and practice of writing a variety of literary works, including original poetry, short stories, plays, novels, and/or essays and other notification. The course may also include technical aspects of publishing students' work in a literary publication.

CREATIVE WRITING II (0.5 credit) (Grades 9-12)

The purpose of this course is to enable students to develop and use grade 11-12 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

Creative Writing 3 (H) (1.0 credit) (Grades 10-12)

The purpose of this course is to continue to enable students to develop and use grade level writing and language skills for advanced creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style.

THEATRE I

(1.0 credit) (Grades 9-12)

Gives students a broad based survey of theatre arts; instills an appreciation of theatre; explores professional aspects of the theatre. This beginning course introduces the beginning student to acting. It begins by developing concentration, characterization, physical agility, and creativity through the use of improvisation, pantomime, monologues and directing.

THEATRE II

(1.0 credit) (Grades 10-12)

This course continues the work on characterization, and role analysis that was developed in Theatre I. This course also provides students with the opportunity to apply theories learned in the classroom to live performances.

THEATRE III

(1.0 credit) (Grades 11-12)

This course is designed for students with significant experience in theatre, and promotes depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

THEATRE IV

(1.0 credit) (Grades 12)

This course is designed for students with extensive experience in theatre, and promotes significant depth of engagement and lifelong appreciation for theatre through a broad spectrum of primarily self-directed study and performance. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of sophisticated oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

LITERATURE IN THE ARTS I HONORS

(0.50 credit) (Grades 10-12)

These courses promote a better understanding of fundamental aesthetic and cultural issues. They sharpen critical and analytical abilities so that students may develop a deeper appreciation of works of art. The goal of this requirement is to enhance the student's ability to read critically, to understand the elements of art, and to grasp something of the complex relations between artist and public, and between art work and cultural literature. This course generally focuses on the central significance of one's cultural literacy and thereby enhances the student's understanding of our literary and artistic heritage. This course stresses literary works in all forms of Mythology including Roman, Greek, and Norse history and criticism of literature and the arts.

Musical Theatre 1

(1.0 credit) (Grades 10-12)

Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from ancient Greece to modern Broadway through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Musical Theatre 2

(1.0 credit) (Grades 10-12)

Students learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students examine the contributions of major writers, composers, lyricists, and choreographers of musical theatre and learn to analyze the structures, stories, and settings of musical theatre exemplars to understand how those components serve the story and concept. Students extend their dance and movement techniques required to sing and dance at the same time. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Musical Theatre 2

(1.0 credit) (Grades 10-12)

Students refine their audition techniques and performance/audition portfolio, and consider the contributions of musical theatre in the community and beyond. Students select a number of pieces to showcase their abilities and become conversant about individuals who, currently and in the past, are considered major contributors to the field. Students refine their dance and movement techniques required to sing and dance for long periods of time in rehearsals and performance. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

TECHNICAL THEATRE DESIGN & PRODUCTION 1

(1.0 credit) (Grades 10-12)

Students focus on developing the basic tools and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials are central to success in this course. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of 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 may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

THEATRICAL DIRECTION & STAGE MANAGEMENT 1

(1.0 credit) (Grades 10-12)

Students learn how to select, organize, and mount formal and informal staged productions by means of exploring the leadership roles of director and stage manager. Students focus on the nature and responsibilities of the director and stage manager in relation to the entire production team; the effect of the director's concept on the overall production; vocabulary and principles of the various elements of play production; techniques used to create an effective theatre work; and basic knowledge and application of staging. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

ACTING I

(1.0 credit) (Grades 9-12)

Through improvisation, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performances believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students have a strong foundation for future scene work, script analysis, and play production. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

ACTING II

(1.0 credit) (Grades 10-12)

Students examine the various dimensions of characters through analysis, discussion, and classroom performance, working with scripts from a variety of time periods and cultures. They learn to break down a scene from a character's point of view, and also learn to sustain a character and build the relationship between actor and audience. Public performances may serve as a culmination of specific instructional goals. Students may be

equipped to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Acting 3

(1.0 credit) (Grades 11-12)

Students focus on development of significant acting skills and knowledge of the actor's literature, compiling a working actor's portfolio for exhibition and/or the interview process. They research potential job opportunities in the film, television, game animation, and theatre industries, as well as scholarships and opportunities available at the university level. An inquiry-based capstone project may be required. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Acting 4

(1.0 credit) (Grades 11-12)

Students create characters for theatrical and film/video productions through scene, character, and technical analysis. Through improvisation, script writing, and aesthetic creation and collaboration, actors refine their working knowledge and independent thought, articulating and justifying their creative choices. Students' "critical eye" becomes more developed and significant mastery of artistic choices becomes evident. An inquiry-based capstone project may be required. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in performances outside the school day to support, extend, and assess learning in the classroom.

SOCIAL MEDIA

(1.0 Credit) (Grades 9-12)

The purpose of this course is to enable students to develop fundamental skills in the use of social media across print, multimedia, web, and broadcast platforms, including ethical and legal uses.

***Industry Certification Available**

MATHEMATICS

Advanced Placement

ADVANCED PLACEMENT CALCULUS AB

(1.0 Credit) (Grades 11-12)

Prerequisite: Pre-Calculus

The purpose of this course is to provide study of elementary functions and the general theory and techniques of calculus. The content includes that which is determined by the Advanced Placement Program. The course prepares students to take the required advanced placement examination administered in May.

ADVANCED PLACEMENT CALCULUS BC

(1.0 Credit) (Grades 11-12)

Prerequisite: Pre-Calculus

Explore the concepts, methods, and applications of differential and integral calculus, including topics such as parametric, polar, and vector functions, and series. You'll perform experiments and investigations and solve problems by applying your knowledge and skills.

Dual Enrollment

MAC-1105

College Algebra

(0.5 credit) (Grades 11-12)

Provides students with the opportunity to gain algebraic knowledge needed for many fields such as engineering, business, science, computer technology, and mathematics. Graphical and numerical methods support the study of functions and their corresponding equations and inequalities. Students will study linear, quadratic, polynomial, rational, exponential, logarithmic, inverse, composite, radical, and absolute value functions; systems of equations and inequalities; modeling applied problems; and curve fitting techniques.

Prerequisite: MAT 1033 with a minimum grade of C or appropriate score on placement test.

STA-2023

Elementary Statistics

(0.5 credit) (Grades 11-12)

This course introduces the student to the concepts of statistical design and data analysis with emphasis on introductory descriptive and inferential statistics. Topics include data organization and analysis, probability, discrete and continuous probability distributions, confidence intervals, hypothesis testing, correlation and simple linear regression.

World Language

SPANISH I

(1.0 credit) (Grades 9-12)

The purpose of this course is to introduce students to the Spanish language and its culture and to develop communicative skills and cross-cultural understanding. The content includes, but is not limited to, beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is also included, as well as the fundamentals of grammar and culture.

SPANISH II

(1.0 credit) (Grades 9-12) Prerequisite: Spanish I

The purpose of this course is to reinforce the fundamental skills previously acquired by the students. This course develops increased listening, speaking, reading and writing skills as well as cultural awareness. The content includes, but is not limited to, an expansion of the listening and oral skills previously acquired. Although reading and writing receive more emphasis, oral communication remains the primary objective.

SPANISH III HONORS

(1.0 credit) (Grades 11-12)

The purpose of this course is to reinforce the fundamental skills previously acquired by the students. This course develops increased listening, speaking, reading and writing skills as well as cultural awareness. The content includes, but is not limited to, an expansion of the listening and oral skills previously acquired. Although reading and writing receive more emphasis, oral communication remains the primary objective.

ADVANCED PLACEMENT SPANISH LANGUAGE

(1.0 credit) (Grades 11- 12)

AP Spanish Language is intended for students who wish to develop proficiency in all four language skills: listening, speaking, reading and writing. Students who enroll in this course should already have a basic knowledge of the language and culture of Spanish-speaking people and should have attained a reasonable proficiency in listening comprehension, speaking, reading and writing. Emphasis is placed on the ability of the students to comprehend, to compose expository passages, and to express ideas orally with accuracy and fluency. The AP Spanish Language course is projected to be the equivalent of a third-year college Spanish Language and to prepare the students to take the Advance Placement Exam in May.

AP SPANISH LITERATURE CULTURE

(1.0 credit) (Grades 9-12)

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, plays, and essays) from Peninsular Spanish, Latin American, and U.S. Hispanic literature. Students develop proficiencies across the three modes of communication (interpretive, interpersonal, and presentational) in the range of Intermediate High to Advanced Mid of the American Council on the Teaching of Foreign Languages' (ACTFL) Proficiency Guidelines.

FRENCH I

(1.0 credit) (Grades 9-12)

The purpose of this course is to introduce students to the French language and its culture, and to develop communicative skills and cross-cultural understanding. The content includes, but is not limited to, beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is also included, as well as the fundamentals of grammar and culture.

FRENCH II

(1.0 credit) (Grades 9-12)

Prerequisite: French I

The purpose of this course is to reinforce the fundamental skills previously acquired by the students. This course develops increased listening, speaking, reading and writing skills as well as cultural awareness. The content includes, but is not limited to, an expansion of the listening and oral skills previously acquired. Although reading and writing receive more emphasis, oral communication remains the primary objective.

FRENCH III

(1.0 credit) (Grades 10-12)

The purpose of this course is to reinforce the fundamental skills previously acquired by the students in French II. Although reading and writing receive more emphasis, oral communication remains the primary objective.

SOCIAL STUDIES

ADVANCED PLACEMENT HUMAN GEOGRAPHY (1.0 credit) (Grades 9-12)

Advanced Placement Human Geography provides students with the opportunity to identify and analyze contemporary concerns and problems from local, national, and global perspectives. Using geographical tools and skills students will consider issues pertaining to population distribution and migration, cultural patterns and processes, political organization, land use, industrialization and economic development, and urbanization. The course teaches students to analyze the human condition through a spatial perspective and to evaluate human patterns through a global viewpoint. This course prepares students for the required advanced placement examination administered in May.

ADVANCED PLACEMENT WORLD HISTORY (1.0 credit) (Grades 10-12)

The purpose of the Advanced Placement World History course is to develop a greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. This course builds an understanding of historical, cultural, political, geographical, and social aspects of Asia, Europe, Africa and the Americas. This understanding is advanced through a combination of factual knowledge and analytical skills. This course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. This course prepares students for the required advanced placement examination administered in May. This course meets the World History graduation requirement.

ADVANCED PLACEMENT US HISTORY (1.0 credit) (Grades 11-12)

Advanced Placement US History is a challenging course that is meant to be the equivalent of a freshman college course and can earn college credit. It is a two-semester survey of American history from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. The course prepares students to take the required advanced placement examination administered in May. This course meets the United State History graduation requirement.



ADVANCED PLACEMENT PSYCHOLOGY (1.0 credit) (Grades 10-12)

Prerequisites: Psychology I, II or Teacher Approval
Meets Requirements for Social Studies Elective

The purpose of Advanced Placement Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. The course traces the emergence of scientific psychology in the nineteenth century from its roots in philosophy and physiology and covers the development of the major "schools" of psychology, showing how these schools differed in what they viewed as the proper subject matter of psychology and the methods they used to study it. This historical introduction helps students gain an understanding of the principal twentieth century approaches to psychology: behavioral, biological, cognitive, humanistic, and psychodynamic. Students learn how these approaches guide research and practice in psychology. The course prepares students to take the required advanced placement examination administered in May.

DUAL ENROLLMENT U.S. HISTORY AMH 1010 & 1020 (0.5 credit each) (Grades 11-12)

This course covers United States History from exploration to the present. Research, critical thinking, essay writing and interpretation of primary source documents are emphasized. This course meets the United States History graduation requirement. Students must have a GPA of a 3.0 or higher and a passing score on the College Placement Test through Hillsborough Community College or a passing score on their SAT or ACT exam prior to being scheduled for this course. When students complete this course, they will earn college credit through HCC. There is no fee and textbooks are provided.

AP European History (1.0 Credit) (Grades 11-12)

Study the cultural, economic, political, and social developments that have shaped Europe from c. 1450 to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

AP UNITED STATES GOVERNMENT and POLITICS

(1.0 Credit) (Grades 11-12)

Study the key concepts and institutions of the political system and culture of the United States. You'll read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project.

DUAL ENROLLMENT
COLLEGE SUCCESS SLS 1501

(0.5 credit) (Grades 11-12)

This interdisciplinary course empowers students by preparing them for a successful college challenge experience, and providing them with additional opportunities to develop intellectual potential and life skills. Topics include goal assessment, time management, power reading, creative and critical thinking, test taking, memory, note taking, communication skills, study techniques and interpersonal relationship issues.

DUAL ENROLLMENT
INTRODUCTION TO PHILOSOPHY PHI 2010
(0.5 credit) (Grades 11-12)

Prerequisites: College reading and writing skills are required.

Introduces the study of our human capacity to reflect consciously and critically on our experience and our routines. It introduces several basic concepts in philosophy such as the idea of being, the nature and criteria of knowledge claims, ethical foundations, free will, the existence of God, and methods of philosophical inquiry with selected applications to practice.

DUAL ENROLLMENT
GENERAL PSYCHOLOGY PSY 2012
(0.5 Credit) (Grades 11-12)

Prerequisites: College level reading and writing skills are required.

An introduction to modern scientific psychology and its application to human behavior. Topics include perception, motivation, learning, thinking, remembering, emotion, intelligence, personality development, psychological disorders, therapy, social behavior, and the scientific methods used in psychology.

DUAL ENROLLMENT
INTRODUCTION TO RELIGION REL 2300
(0.5 Credit) (Grades 11-12)

Prerequisites: College level reading and writing skills are required.

An introductory course which explores such topics as the nature of religion, features shared in world religions, differences among world religions, the relationship between belief and behavior, and methods and problems associated with classifying and studying religion.

DUAL ENROLLMENT
PUBLIC SPEAKING SPC 16088
(0.5 credit) (Grades 11-12)

Prerequisites: College level reading and writing skills are required.

Focuses on practical methods of speech composition organizational pattern and presentation; addresses the individual needs of students. Meets speech component of the general education communication requirement.

PSYCHOLOGY I & II
(0.5 credit) (Grades 9-12)

Prerequisite for Psychology II is Psychology I.

The purpose of these courses is to provide students with the opportunity to acquire an understanding of human behavior, behavioral interaction and the progressive development of individuals. Specific topics include psychological methods of study, human development and learning, heredity and environment, measuring intellectual ability, remembering, forgetting, thinking, sensation and perception, motivation and emotion, frustration and conflict, coping with stress, psychological disturbances and treatment, group behavior, social influence, and interaction.

WORLD RELIGIONS
(0.5 credit) (Grades 9-12)

The purpose of this course is to provide students with an understanding of the ways people in different cultures satisfy their spiritual needs. Implicit in this is an understanding of the place of religion in culture, the importance that has been attached to religion in people's lives, and the relationship between religion and other social institutions. The understanding of the sources of religion, the basis of people's religious beliefs, and knowledge of the major living religious tradition and practices such as Hinduism, Buddhism, Confucianism, Judaism, Christianity and Islam will be stressed.

VIETNAM & 20th CENT CONFLICT
(0.5 Credit) (Grades 9-12)

This course is a comprehensive study of warfare throughout the 20th Century, with emphasis on American involvement in the Spanish-American War, World War I & II, the Korean War, the Vietnam War, and the first Gulf War. It will include geography, social, economic, political and military events from the United States first using imperialism up until the final events of the first Gulf War. Learning techniques include music of the Vietnam War period, video presentations, group projects/presentations, and frequent guest speakers who served in these wars.

LAW STUDIES HONORS
(0.5 5 Credit) (Grades 9-12)

Films, activities, and presentations will serve as a guide through America's criminal justice system. Topics explored throughout this course will include criminal and civil law, the criminal process, and your rights on a Federal and State level. The honors course will explore law at a more in depth level.

SOCIOLOGY

(0.5 credit) (Grades 9-12)

Humans spend their entire lives in different social groups and sociology is the scientific study of human social behavior within these groups. Sociologists study formal organizations and various informal social groups. Unlike psychology, sociology focuses on patterns of group behavior that result from following the rules of society and culture. This course includes the study of culture and society, socialization, gender roles, social classes, marriage and family, social institutions such as religion and government, and social problems such as racism. Role playing, videos, movie clips, class discussion and group projects are used extensively in covering these topics.

African American History

(0.5 credit) (Grades 9-12)

The grade 9-12 African-American History course consists of the following content area strands: World History, American History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of African Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

Holocaust Studies

(0.5 credit) (Grades 9-12)

The grade 9-12 Holocaust course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the examination of the events of the Holocaust (1933-1945), the systematic, planned annihilation of European Jews and other groups by Nazi Germany. Content will include, but is not limited to, the examination of twentieth century pogroms and of twentieth century and twenty-first century genocides, investigation of human behavior during this period, and an understanding of the ramifications of prejudice, racism, and stereotyping.

LATIN AMERICAN HISTORY

(0.5 credit) (Grades 9-12)

Latin American history allows students to explore through the use of primary and secondary texts and film the histories of Latin American countries. Although Hispanics/Latinos are projected to be the largest racial minority in the United States classes that focus on their histories are limited in core history classes. The course begins with the ancient Mesoamerican civilizations (Maya, Aztec, Inca) to modern times. Not only will the histories of specific Latin American countries be studied but so will the interaction between the United States and Latin America be learned. Therefore it is a good supplemental class to United States History.

FLORIDA HISTORY

(0.5 Credit) (Grades 9-12)

The grade 9-12 Florida History course consists of the following content area strands: World History, American History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of the state of Florida by examining the political, economic, social, military and cultural events that affected the state. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of Florida.

WOMEN'S STUDIES

(0.5 Credit) (Grades 9-12)

The grade 9-12 Women's Studies course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the historical development of women in various cultures, the role of women in shaping history, and of contemporary issues that impact the lives of women.

SCIENCE

AP BIOLOGY

(1.0 credit) (Grades 10-12)

Prerequisite: *Biology Honors with a C or higher*

This course provides students with advanced exploration of biological concepts previously introduced. The content should include molecular and cellular biology, organism biology, and population biology. Opportunities to understand the interactions of science with technology and society will be provided. The course prepares students to take the required advanced placement examination administered in May.

AP PHYSICS 1

(1.0 credit) (Grade 11-12)

Prerequisites: Algebra II

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. The course prepares students to take the required advanced placement examination administered in May.

AP ENVIRONMENTAL SCIENCE (1.0 credit) (Grade 11-12)

Prerequisites: *Biology and Chemistry*

The purpose of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. The course prepares students to take the required advanced placement examination administered in May.

ANATOMY AND PHYSIOLOGY HONORS

(1.0 credit) (Grades 10-12)

The purpose of this course is to provide students with advance laboratory activities in the structures and functions of the components of the human body. The content includes anatomical terminology, cells and tissues, skeletal system, muscular system, circulatory system, respiratory system, digestive system, excretory urinary system, reproductive system, and special research projects and computer analysis of data.

MARINE SCIENCE HONORS

(1.0 credit) (Grades 10-12)

The purpose of this course is to provide the students with a survey of the marine biome. The content should include the following: the nature of science, the origins of the oceans, the chemical, physical, and geological aspects of the marine environment, ecology of various sea zones, marine communities, the diversity of marine organisms, characteristics of major marine phyla divisions, and the interrelationship between humans and the ocean.

Conceptual Physics or PHYSICS HONORS

(1.0 credit) (Grades 10-12)

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 will emphasize the four energy systems (mechanical, fluid, electrical, thermal) concurrently through the individual application of the following principles: momentum, waves and vibrations, energy converters, transducers, radiation, and time constants. Physics Honors is conceptual Physics with Honors Advanced Material.

FORENSIC SCIENCE

(1.0 credit) (Grades 10-12)

Forensic Science is an elective course that provides students with opportunities to experience the application of science through investigation of crime scenes. Students will be introduced to the basic concepts using chemical analysis and biological concepts and techniques. The content includes integrating the use of scientific evidence, five steps in the scientific method, critical thinking skills, deductive reasoning, problem solving, and reporting media.



PHYSICAL EDUCATION

DRIVER EDUCATION

(0.5 credit) (Grades 9-12)

Prerequisites: *Must be 15 years of age or older and have original Birth Certificate.*

The purpose of Driver Education/Traffic Safety Classroom and Lab is to introduce students to the transportation system and to strategies which will develop driving knowledge and skills related to today's motorized society and to provide an in depth study of the scope and nature of accident problems and their solutions. Laboratory activities may include street multiple car driving range and on street driving practice in a dual-controlled car under the direction of an instructor.

TEAM SPORTS I

(0.5 credit) (Grades 9-12)

The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of team sports, and develop skills in selected team sports. Sports may include flag football, soccer, softball, basketball and volleyball.

TEAM SPORTS II

(0.5 credit) (Grades 9-12)

The purpose of this course is to provide students with opportunities to develop skills and acquire knowledge of strategies of team sports, and maintain and/or improve their personal fitness. Sports may include Lacrosse, Flag Rugby, Ultimate Frisbee, and Track and Field.

HEALTH OPPORTUNITIES THROUGH PHYSICAL EDUCATION (HOPE)

(1.0 credit) (Grades 9-12)

This course combines the personal fitness and health content and fulfills the state graduation requirement for Physical Education.

WEIGHT TRAINING I-III

(0.5 credit) (Grades 9-12)

The purpose of these courses is to provide students with opportunities to further extend the acquisition of knowledge and the development of skills in weight training that may be used in physical fitness pursuits today as well as in later life, further improve muscular strength and endurance, and enhance body image.

POWER WEIGHTS

(0.5 credit) (Grades 9-12)

The purpose of this course is to provide students with opportunities to acquire knowledge and the development of skills in weight training that may be used in physical fitness pursuits today as well as in later life. Also to further improve muscular strength and endurance and enhance body image.

BASKETBALL I-II

(0.5 credit) (Grades 9-12)

The purpose of this course is to provide students with opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuit today as well as in later life and maintain and/or improve their personal fitness.

VOLLEYBALL I-II

(0.5 credit) (Grades 9-12)

The purpose of this course is to provide students with opportunities to acquire knowledge and skills in power volleyball that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness. Strategies of team play, skill acquisition, and the maintenance and/or improvement of personal fitness are stressed.

Softball

(0.5 Credit) (Grades 9-12)

The purpose of this course is to acquire knowledge and skills in a variety of outdoor education activities and in this iteration is the game of softball.

Soccer

(0.5 Credit) (Grades 9-12)

The purpose of this course is to acquire knowledge and skills in a variety of outdoor education activities and in this iteration is the game of softball.



College Prep & Leadership Electives

AVID 1

(1.0 Credit) (Grade 9)

Some students will have previous experience with AVID in the middle school grades, and some students will be experiencing AVID for the first time. Either way, the 9th grade AVID elective course will service as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase their awareness of their personal contributions to their learning as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. 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. They will take an active role in field trips and guest-speaker preparations and presentations. Their college research will include financial topics and building their knowledge of colleges and careers of interest.

AVID 2

(1.0 Credit) (Grade 10)

During the 10th 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 their 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 develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest based on their personal interests and goals.

AVID 3

(1.0 Credit) (Grade 11)

The 11th grade AVID elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students when they apply to four-year universities and confirm their postsecondary plans.

AVID 4

(1.0 Credit) (Grade 12)

The 12th grade AVID elective course is the second part in a junior/senior seminar course that focuses on the writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project with research skills gained 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 supports students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course.

AP CAPSTONE SEMINAR

(1.0 Credit) (11th Grade)

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.

AP CAPSTONE RESEARCH

(1.0 Credit) (12th Grade)

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

STUDENT GOVERNMENT (Lead Skills Dev.)

(1.0 Credit) (Grade 10-12)

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

FINE ARTS, PERFORMING ARTS, & CAREER TECHNICAL EDUCATION

TV Production

Art

Music

Business Technology

Marketing

Computer Science

Academy of Business & Entrepreneurship

Agriculture & Vet. Assisting

Hospitality and Tourism

Army Leadership and Education - JROTC

Machine Technology

Robotics

Digital Design

Advanced Placement Courses

Studio/2D Art

Computer Science Principals

Computer Science A

FINE ARTS

CREATING 2D ART

(0.5 credit) (Grades 9-12)

The purpose of this course is to give students a basic understanding of the artistic expression of the ideas through perceiving and responding to the qualities of art found in drawing, painting, and print making; valuing the expressive and creative aspects of ideas developed through two-dimensional media; producing and developing works with a particular composition, subject matter, expressive quality or expressive content; knowing about the history of visual art and its relationship to other processes and periods; and knowing and understanding criteria for making judgments of the aesthetic merits of works of art.

2D STUDIO ART I

(1.0 credit) (Grades 10-12)

Prerequisite: Creating 2D Art

The purpose of this course is to give students a second level experience in the artistic expression of ideas. The content includes studio production and critiquing of complex ideas and images in two-dimensional media. Elements are organized to create arrangements by using a variety of principles.

2D STUDIO ART II

(1.0 credit) (Grades 10-12)

Prerequisite: 2D Studio Art I

The purpose of this course is to give students a second level experience in the artistic expression of ideas. The content includes studio production and critiquing of complex ideas and images in two-dimensional media. Elements are organized to create arrangements by using a variety of principles.

CREATING 3D ART

(0.5 Credit) (Grades 10-12)

The purpose of this course is to give students a basic understanding of three-dimensional art methods, media, techniques and craftsmanship. The content includes production and appreciation of original, three-dimensional art forms; perception and response to design qualities; the value of design in three-dimensional art; the production of individual sculpture and three-dimensional art statements; understanding of the history of traditional and contemporary three-dimensional art and the relationship of arts to the cultures in which they are found.

3D STUDIO ART I

(1.0 credit) (Grades 10-12)

Prerequisite: Creating 3D Art

The purpose of this course is to give students a second level experience in the artistic expression of ideas. The content includes studio production and critiquing of complex ideas and images in three-dimensional media. Elements are organized to create arrangements by using a variety of principles.

ADVANCED PLACEMENT STUDIO/2D

(1.0 credit) (Grade 12)

The purpose of this course is to give students an advanced understanding of quality, concentration and breadth of art. The content follows the curriculum prescribed for it by the CollegeBoard/Educational Testing Service. The course prepares students to take the required advanced placement examination administered in May.

PERFORMING ARTS

BAND I-VI

(1.0 credit) (Grades 9-12)

Students are required to participate in the Fall marching band season and the concert band season in the Spring. Band is open to all students who have had a minimum of one year prior instruction on a band instrument. Students must either own or rent an instrument to participate.

ORCHESTRA I - IV

(1.0 credit) (Grades 9-12)

Orchestra is open to all students who have had a minimum of one year prior instruction on an orchestra instrument and either own or rent an instrument.

INSTRUMENTAL TECHNIQUE I-IV (Drum Line, Marching Band)

(1.0 credit) (Grades 9-12)

Prerequisite: Students must audition for this class.

EURHYTHMICS I and II

(1.0 credit) (Grades 9-12)

This class is the color guard and auxiliary unit for the marching band. This class is required for members of the color guard to take. The guard performs at all football games and competitions the along with the marching band. Students will learn performance techniques in flag spinning, rifle toss, and dance with live and recorded music. During the spring semester the guard performs at independent guard competitions and assessments. After school rehearsals are required.

ARMWOOD POLYTECHNIC

AICE Stuff

Business Technology Education programs require a different combination of courses. Certificates are awarded to students upon completion of various occupational completion points and programs. In addition, students completing three courses in a Business Technology Education program may qualify for the Florida Vocational Gold Seal Endorsement and Scholarship. Dual enrollment with Erwin Tech is available for some courses. Honors points are available for some upper level courses. FBLA is the Career & Technical Student Organization for the business program. A pathway is listed further in the document so the student can choose a Major for their High School Career.

Introduction to Digital Information Technology (1.0 credit) (Grades 9-12) (PACredit)

This course will also count towards program requirements for some other Career and Technical Education programs. This is a good basic course in using the computer for word processing, database, and spreadsheet exercises. This is the core course for Business Technology Education and is the first step in becoming a Program Completer for possible Gold Seal Scholarships.

***Industry Certification available**

TV PRODUCTION I (1.0 credit) (Grades 9-12)

This introductory course teaches the three phases of production: scriptwriting, camera production, daily news and digital editing. Production projects include sports features, commercials, public service announcements, comedies, dramas, documentaries and music videos. The members of the class will contribute material to our daily morning show. ***Industry Certification available**

TV PRODUCTION II-IV (1.0 credit) (Grades 10-12)

Armwood's advanced television production students produce a live, information program which also includes the student-produced features. Many of these features have won prestigious awards at the local, state, national and international levels. The longest-running high school morning show in Hillsborough County, ATV is an award-winning news and entertainment show produced by the advanced TV class. ***Industry Certification available**

DIGITAL CINEMA PRODUCTION 1 (1.0 credit) (Grades 11-12)

This course covers competencies in the history of cinema, production process, intellectual property rights, computer skills, photo editing software and production writing.

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

(1.0 Credit) (Grades 10-12)

Prerequisite(s): Algebra 1 Honors

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

***Industry Certification available**

ADVANCED PLACEMENT COMPUTER SCIENCE A

(1.0 Credit) (Grades 10-12)

Prerequisite(s): Algebra 1 Honors & AP CSP

AP Computer Science A offers a multidisciplinary approach to students to practice the computer science skills of designing, developing, and analyzing their own programs to address real-world problems or pursue a passion. ***Industry Certification available**

available

GAME & SIMULATION FOUNDATIONS

(1.0 credit) (Grades 10-12) (PA Credit)

This course is designed to provide an introduction to game and simulation concepts and careers, the impact game and simulation has on society and industry, and basic game/simulation design concepts such as rule design, play mechanics, and media integration. This course compares and contrasts games and simulations, key development methodologies and tools, careers, and industry-related information. This course also covers strategies, processes, and methods for conceptualizing a game or simulation application; storyboarding techniques; and development tools. ***Industry Certification available**

Dual Enrollment

CGS-2100

Computers Information Technology and Literacy

(0.5 credit) (Grades 11-12)

Covers the use and impact of computers in all areas of business organizations. Course provides hands-on experience with software packages for business, including word processing, presentation, spreadsheet, database, and mail and calendar programs for business analysis, employability and personal use. Provides students with an introductory overview of the internet, World Wide Web, impact of computers on society and business, historic development of data processing, and basic operating system functionality, including storage and file management.

GAME & SIMULATION DESIGN

(1.0 Credit) (Grades 9-12) (PA Credit)

This course covers fundamental principles of designing a game or a simulation application, rules and strategies of play, conditional branching, design and development constraints, use of sound and animation, design tools, and implementation issues. The content includes market research, product design documentation, storyboarding, proposal development, and presentation of a project report. Emphasis is placed on the techniques needed to develop well-documented, structured game or simulation programs. Extensive use is made of evaluating and analyzing existing games or simulations. *** Industry Certification available**

GAME & SIMULATION 3D GRAPHIC ANIMATOR

(1.0 Credit) (Grades 10-12) (PA Credit)

This course is focused on students acquiring skills to create, refine, and integrate realistic 3D graphics into a game or simulation product. Students will essentially learn how to use a 3D animation software package, file maintenance conventions, and migration techniques and issues. ***Industry Certification available**

FOUNDATIONS OF ROBOTICS

(1.0 Credit) (Grades 9-12) (PA Credit)

This course provides students with a foundation in content and skills associated with robotics and automation, including artificial intelligence, electronics, physics, and principles of engineering. ***Industry Certification available**

ROBOTIC DESIGN ESSENTIALS

(1.0 Credit) (Grades 10-12) (PA Credit)

This course provides students with content and skills essential to the design and operation of robotics, including artificial intelligence, sensors, electronic devices, engineering technologies, motion physics, electrical motors, programming, simulation and modeling, and critical thinking skills. ***Industry Certification available**

ACADEMY OF BUSINESS & ENTREPRENEURSHIP

This program gives students an opportunity to learn about and prepare for college careers in financial services. Emphasis is placed on college preparatory curriculum that is directly linked to the financial world. Armwood High School also maintains a branch of the Suncoast Schools Federal Credit Union on campus that is completely managed by upper level Finance students as a component of the program. Accounting students also work with the IRS to assist students with tax preparation (when available). Students compete for paid summer internships in many local financial institutions prior to their senior year. Completion of the Academy of Finance program enables students to compete for Tampa's highly coveted William A. Gregory Scholarship worth over \$20,000 as well as other scholarships through their club associations. DECA is the Career and Technical student organization affiliated with the Finance program. The Armwood Chapter of DECA has been highly successful in the District, State and International levels of the marketing competition.

The National Academy of Finance (NAF) allows students taking dual enrollment classes to replace certain courses in the Academy of Finance with the following identified courses. The student may only replace two classes in the track and must complete the final two classes and the Internship inside the Academy of Finance classroom.

**ACG-2021 replaces Accounting Applications 1

***FIN-1100 replaces Personal Finance

****FIN-2001 replaces Economics and Financial Services

Other courses are possible. These will be determined based upon the University / High School Accreditation

	Finance	Entrepreneurship	Customer Service	Computer Science
9 th	Digital Info. Tech.	Digital Info. Tech.	Digital Info. Tech.	Digital Info. Tech.
10 th	Accounting 1* (H)	Entrepreneurship 1 8812110 ***	Customer Service 1	AP Comp. Sci. Prin. (H)
11 th	Econ. & Fin. Svcs** (H)	Entrepreneurship 2 8812120 (H)	Customer Service 2	AP Comp. Sci. A (H)
Required	Financial Internship / OJT	Financial Internship / OJT	Financial Internship / OJT	Financial Internship / OJT
12 th Capstone Year	Personal Finance (H)	Personal Finance (H)	Personal Finance (H)	Personal Finance (H)

- ☐ Four tracks are available
 - Traditional Finance Track
 - Other Disciplines
 - Entrepreneurship
 - Customer Service
 - Computer Science
 - Consider this to be like choosing a major for High School.
- ☐ Students are required to take DIT and Personal Finance.
- ☐ Students can take other selected electives to fill the remaining courses offered.
- ☐ Students who are in the Collegiate Academy can choose alternative DE courses to fill the remaining two spots.
- ☐ Students must earn an industry certification.
- ☐ Students must complete an Application Process to be in the Academy.

ACCOUNTING APPLICATIONS I

(1.0 credit) (Grades 10-12)

Prerequisite: *Business Communication technology or Dual Enrollment CGS-1000*

This is an accelerated course which covers two years of accounting in one. There is a focus on the accounting cycle for both business and manufacturing industries through the trial balance and adjusting entries. Students learn how to use special journals, ledgers, and controlling accounts. In addition, they prepare financial statements for single proprietors, partnerships, and corporations. An emphasis is placed on the analysis and interpretation of financial reports. ***Industry Certification available**

ECON. & FINANCIAL SERVICES - HONORS

(1.0 credit) (Grades 10-12)

Prerequisite: *Accounting Applications I*

Students learn concepts of economic principles and financial services and will complete semester capstone projects and NAF exam to receive credit. Business Economics and Financial Services introduces students to the key concepts of economics as they pertain to business. This course discusses the American economy and the factors that influence the success of businesses and products. It describes forms of business ownership, discusses the relationship of labor and business, and provides a broad overview of the global economy. Students also examine careers in business, both as employees and as business owners.

***Industry Certification available**

PERSONAL FINANCE - HONORS

(1.0 credit) (Grades 10-12)

Prerequisite: *Economics and Financial Services*

Financial Planning provides students with an overview of the job of a financial planner. Students learn to consider how all aspects of financial planning might affect a potential client, and learn about the importance of financial planning in helping people reach their life goals. This course includes lessons on saving, borrowing, credit, and all types of insurance, and covers various types of

investments. Students also examine careers in financial planning.

***Industry Certification available**

FINANCIAL INTERNSHIP

(1.0 credit) (Grade 12)

Prerequisite: *Economics and Financial Services and one other finance course. Only program completers are provided an internship.*

The financial internship course provides students the opportunity to demonstrate human relations, communications, and employability skills necessary for entry-level employment in the financial services industry. It is completed over a 6 week period during the summer between 11th & 12th grade. This is a paid internship. Additionally, it will enhance the instruction and competencies developed through classroom instruction. Students must provide their own transportation to the job site location.

COOPERATIVE DIVERSIFIED EDUCATION OJT

(1.0 credit) (Grades 11-12)

Prerequisite: *Enrollment in any Career and Technical Education program.*

The purpose of Cooperative Diversified Education (CDE) is to provide the student with competencies developed through paid, supervised on-the-job training related to instruction in a job preparatory program.

CUSTOMER SERVICE REPRESENTATIVE 1

(1.0 credit) (Grades 10-12)

This course provides instruction in the basic principles of customer service including technology literacy related to customer service, the human relations, leadership, organization, and communication skills necessary for success in the customer service industry, and the terminology unique to customer service. Students will receive classroom instruction and will be assigned to a workstation location on-campus to receive On-The-Job training as a Customer Service Representative/Office Assistant.

***Industry Certification available.**

CUSTOMER SERVICE REPRESENTATIVE 2-4

(1.0 credit) (Grades 11-12)

Prerequisite: *Customer Service Representative 1*

This course provides instruction in more advanced principles of customer service including technology literacy related to customer service, the human relations, leadership, organization, and communication skills necessary for success in the customer service industry, and the terminology unique to customer service. Students will receive classroom instruction and will be assigned to a workstation location on-campus to receive On-The-Job training as a Customer Service Representative/Office Assistant.

***Industry Certification available.**



E1 - PRINCIPLES OF ENTREPRENEURSHIP

(1.0 credit) (Grades 10-12)

Prerequisite: Digital Information Technology

This course provides instruction in the basic principles of entrepreneurship: the role of the entrepreneur, entrepreneurship as a career, ethics in business, and the principles of marketing, financing, and managing a business.

*Industry Certification available.

E2 - BUSINESS MANAGEMENT and LAW

(1.0 credit) (Grades 11-12)

Prerequisite: Digital Information Technology & E1

This course is designed to provide an introduction to business management techniques. Topics include human relations, decision making, communication techniques, business-related legal concepts, and characteristics of the American enterprise system.

*Industry Certification available



AGRISCIENCE & NATURAL RESOURCES EDUCATION

For each of the Agriscience courses, the National FFA Organization (FFA) is an integral part of the instructional program. Students are expected to join & participate in the CTSO. The mission of FFA is to develop premier leadership, foster personal growth and prepare students for career success in more than 300 agricultural related occupations. Land laboratory experiences are necessary and provided. Students are encouraged to develop individual supervised experience projects. Completing a program of study in agriculture meets one of the requirements for the Florida Gold Seal Vocational Scholars Award/Scholarship. **The course AGRISCIENCE FOUNDATIONS I is the first prerequisite for ALL other Agriscience courses.**

AGRISCIENCE FOUNDATIONS I (1.0 credit) (Grades 9-12)

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture, career opportunities, scientific and research concepts, biological and physical science principles, environmental principles, agriscience safety, principles of leadership, and agribusiness, employability, and human relations skills in agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment. The course Agriscience Foundations I is the first course in all agriculture education programs that qualify for the Florida Gold Seal Vocational Scholars Award/Scholarship.

AGRICULTURAL COMMUNICATIONS II (1.0 credit) (Grades 10-12)

***Satisfies a performing arts credit graduation**

The purpose of this program is to prepare students for employment in the agricultural communications industry. It focuses on transferable skills and stresses understanding and demonstration of planning, management, and other environmental issues in the agricultural industry.

Animal Science	Veterinary Assisting
Digital Info. Tech. & Agriscience Foundations 1	Digital Info. Tech. & Vet Assisting 1
Animal Science and Services 2 & Ag Directed Studies	Vet Assisting 2
Animal Science and Services 3 & Ag Directed Studies Ag Co-op. OJT	Vet Assisting 3 & Ag Directed Studies & Ag Co-op. OJT
Industry Certification	Industry Certification
Animal Science and Services 4 Ag Directed Studies Ag Co-op. OJT Capstone	Vet Assisting 4 & Ag Directed Studies & Ag Co-op. OJT Capstone

AGRICULTURAL BIOTECHNOLOGY II (1.0 credit) (Grades 10-12)

Prerequisite: Agriscience Foundations I.

This course is designed to develop competency in most agricultural fields. Topics covered include: variety selection, management, plant and animal breeding, nutrition, growth and development, and research techniques. Land laboratory experiences are necessary. The FFA organization is an integral part of the instructional program

ANIMAL/PLANT BIOTECHNOLOGY III HONORS

(1.0 credit each) (Grades 10-12)

Prerequisites: Ag Foundations I and Ag Biotech II.

This course is designed to develop competencies in the areas of biotechnology in plant science, plant growth and reproduction, and the role of plants in society.

ANIMAL SCIENCE AND SERVICES II-IV (1.0 credit) (Grades 10-12)

Prerequisite: Agriscience Foundations I & Animal Science and Services II

This course will explore the sciences involved in animal production. Instruction will lead students through animal anatomy and physiology, reproduction, nutrition, health issues, marketing, and animal products. Students will gain knowledge and skills through direct instruction, labs, and exhibiting animals at local fairs. This information will tie into students' FFA (Future Farmers of America), CDE (career development events), and SAE (supervised agriculture experiences) activities.

VETERINARY ASSISTING 1 (1.0 credit) (Grades 10-12)

This course is designed to develop competencies in areas such as the history of the animal industry; applied scientific and technological concepts; safety; terminology; careers; breed identification; animal care and human relations skills.

VETERINARY ASSISTING 2 (1.0 credit) (Grades 10-12)

This course is designed to develop competencies in the areas such as basic first aid; scientific and technological; tools and equipment; breed identification; and functions of systems.

ARMY JROTC

LEADERSHIP EDUCATION – JUNIOR ROTC “Honor Unit With Distinction”

The Armwood High School JROTC “Fighting Hawk” Battalion offers many opportunities for leadership and excellence. JROTC prepares you for life. JROTC is a high school course given during regular school hours but includes many out-of-classroom activities. It covers the basics in history, government, technology, awareness, and current events, but it also teaches leadership skills (like how to motivate others) and personal skills (how to study, take tests, interview for jobs). JROTC also offers extracurricular activities like drill team and color guard. You might even have a chance to go to a JROTC summer camp where you'll train on confidence courses, play team sports, and learn land navigation and water safety techniques. The JROTC's interest is simply to give you an opportunity to develop and improve yourself in ways schools generally don't offer. It also uses military skills to teach self-discipline, confidence, and pride in a job well done. Completion of two or three credits in JROTC allows entry into the military services with advanced rank and increased pay if all other requirements are met. **Completion of two credits of JROTC gives student their H. O. P. E. credit.**



LEADERSHIP EDUCATION AND TRAINING I (1.0 credit) (Grades 9-12)

The following units are included in JROTC I: The Spirit of American Citizenship and Army JROTC, Techniques of Communication, Leadership, Cadet Challenge (Physical Fitness), Leadership Lab, First Aid and Your Health, Map Reading, Overview of Citizenship Through American History, Your American Citizenship, Marksmanship and Safety, Army Customs and Courtesies, Consumer Education and Budgeting, Learning How to Lead, Ceremonial Drills, The Guidon in Formation, Contemporary Issues (Current Events), and Communication Extras.

LEADERSHIP EDUCATION AND TRAINING II (1.0 credit) (Grades 10-12)

Prerequisite: Leadership Education Training I

The second course in JROTC includes the following units: Introduction to LET II, Techniques of Communication, Leadership, Cadet Challenge (Physical Fitness), Leadership Lab (Drill ceremonies), First Aid and Hygiene, Drug Abuse Prevention, Map Reading, American Military History, Your American Citizenship, Role of the US Army, Technology Awareness.

LEADERSHIP EDUCATION AND TRAINING III (1.0 credit) (Grades 11-12)

Prerequisite: Leadership Education Training II

Introduction to LET III, Techniques of Communication, Leadership, Cadet Challenge (Physical Fitness), Leadership Lab (Drill ceremonies), First Aid, Drug Abuse Prevention, Map Reading, American Military History, Your American Citizenship, Career Opportunities, Role of the US Military, Technology Awareness; optional subjects: Contemporary Issues (Current Events), Communication Extras and Methods of Instruction, Human Relations, Saber Drill, and Orienteering.

LEADERSHIP EDUCATION AND TRAINING IV (1.0 credit) (Grade 12)

Prerequisite: Leadership Education Training III Introduction to LET IV, Techniques of Communication, Leadership, Cadet Challenge (Physical Fitness), Leadership Lab (Drill ceremonies), First Aid, Drug Abuse Prevention, Map Reading, American Military History, Your American Citizenship, Career Opportunities, Role of the US Armed Forces, Technology Awareness, Contemporary Issues, Communication Extras and Methods of Instruction, Human Relations, Saber Drill, and Orienteering.

HOSPITALITY & TOURISM PATHWAY

Students in the Culinary Operations and Hospitality Management program at Armwood are exposed to numerous real world work experience. Students will be tasked with operating our student run enterprise, The Bistro and Catering To-Go. Students who complete Culinary 1-3 will be eligible for the Florida Gold Seal Scholarships. Starting sophomore year, students are encouraged to take two culinary classes a day. By their Junior year, students will be able to select a track they want to study more. We offer Hospitality Management, Advanced Baking and Pastry Techniques, and Gastronomy and Garde Manger.

Students will also have chance to work on two industry certification tests, ServSafe and the ProStart Certificate of Achievement. These two certifications will open more doors for students when they are applying for jobs and applying for colleges.

	Back of House	Front of House
9 th	Digital Info. Tech.	Digital Info. Tech.
10 th	Culinary 1	Culinary 1 & Intro to Hospitality & Tourism
11 th	Culinary 2 & Culinary 3	Culinary 2 & Hospitality & Tourism Marketing Mgmt..
Required	HRT Internship / OJT & Industry Certification	HRT Internship / OJT & Industry Certification
12 th Capstone Year	Hospitality Capstone (NAF H& T) w/ a Culinary 4 course of choosing	Hospitality Capstone (NAF H& T)

CULINARY ARTS I

(1.0 credit) (Grades 9-12)

Students will develop competency in career and job opportunities, advanced food skills, personal productivity, safety and sanitation, commercial equipment, and front-of-the house and back-of-the house duties. ***Industry Certification available**

CULINARY ARTS II & III

(1.0 credit each) (Grades 10-12)

Prerequisites: Culinary Arts I

These courses provide skills for working as a cook, baker's helper, cashier, and kitchen staff. Students work in the Bistro & Pastry Shoppe. Completion of these courses provides students with a chance to earn a Gold Seal Scholarship. Students must also take the ProStart Year 1 & 2 Exams for Industry Certification. Students will be required to take these classes together for a total of 2 periods per day. ***Industry Certification available**

CULINARY ARTS IV – CULINARY & HOSPITALITY MANAGEMENT

(1.0 credit) (Grades 10-12)

Prerequisites: Culinary Arts III & Chef Approval

This course provides opportunities for students to apply their acquired knowledge and skills in culinary related scenarios. Students will identify, analyze, and demonstrate management skills, cost control procedures, and operations. Students will

be tasked with numerous projects and case studies. ***Industry Certification available**

CULINARY ARTS IV – ADVANCED BAKING TECHNIQUES

(1.0 credit) (Grades 11-12)

Prerequisites: Culinary Arts III & Chef Approval

This course provides opportunities for students to apply their acquired knowledge and skills in culinary related scenarios. Students will demonstrate how to plan, cost, and execute baking and pastry techniques used in the industry. ***Industry Certification available**

CULINARY ARTS IV – GASTRONOMY & GARDE MANGER

(1.0 credit) (Grades 10-12)

Prerequisites: Culinary Arts III & Chef Approval

This course provides opportunities for students to apply their acquired knowledge and skills in culinary related scenarios. Students will dive deeper in the culinary industry. They will learn the importance of sustainability, energy resources, and advanced food preparation. Students will be operating our student run restaurant, hosting on and off-site catering events, and ensuring customer satisfaction. ***Industry Certification available**

HOSPITALITY & TOURISIM DIRECTED STUDY (1.0 credit) (Grades 11-12)

Prerequisites: Chef or Teacher Approval

This course provides skills for working as a cook, baker's helper, cashier, kitchen staff, and marketing/social media managers. Students will have increased scholarship opportunities, chances to collaborate with professionals from the hospitality and business/finance communities. ***Industry Certification available**



MACHINING TECHNOLOGY

MACHINING TECHNOLOGY I (1.0 credit) (Grades 9-12)

This course prepares students for entry in the machining industry. Students explore career opportunities and requirements of a professional machinist. Content emphasizes beginning skills key to the success of working in the machining industry. Students study workplace safety, organization, job-related math, basic blueprint information, basic measuring operations, benchwork skills, and the history of manufacturing.

MACHINING TECHNOLOGY II (1.0 credit) (Grades 9-12)

Prerequisite: Machining Technology I

This course is designed to build on the skills and knowledge students learned in Machining Technology 1 for entry into the machining industry. Students explore career opportunities and requirements of a professional machinist. Content emphasizes knowledge of manufacturing processes and systems, generating and interpreting computer-aided design drawings, basic precision measurement, sharpening tools, operating power saws, pedestal grinders, drill presses, and understanding the importance of employability and entrepreneurship skills.

***Industry Certification available**

MACHINING TECHNOLOGY III (1.0 credit) (Grades 9-12)

Prerequisite: Machining Technology II

This course is designed to build on the skills and knowledge students learned in Machining Technology 1 & 2 for entry into the machining industry. Students explore career opportunities and requirements of a professional machinist. Content emphasizes knowledge of working in the machining industry. Students study the skills necessary to work in teams, using critical thinking skill to solve complex problems, advance mathematics, quality control and inspection methods, plan machining operations using a lathe, use CAD/CAM processes for lathe operations, and set-up and program a CNC machine for lathe operations. ***Industry Certification available**

MACHINING TECHNOLOGY IV (1.0 credit) (Grades 9-12)

Prerequisite: Machining Technology III

This course is designed to build on the skills and knowledge students learned in Machining Technology 1, 2, & 3 for entry into the machining industry. Students explore career opportunities and requirements of a professional machinist. Content emphasizes knowledge of working in the machining industry. Students study the skills necessary to work in teams, using critical thinking skill to solve complex problems, advance mathematics, quality control and inspection methods, plan machining operations using a mill, use CAD/CAM processes for milling operations, and set-up and program a CNC machine for milling operations. ***Industry Certification available**

DRAFTING 1 (1.0 credit) (Grades 10-12)

Prerequisite: Machining Technology I

This course provides instruction in basic drawing and drafting skills, applied mathematics, multi-view and sectional drawings. ***Industry Certification available**

Machine Technology **	
9 th	Digital Info. Tech. & Machining Technology 1 (H) *
10 th	Machining Technology 1 (H) or Machining Technology 2 (H)
11 th	Machining Technology 2 (H) Or Machining Technology 3 (H)
Required	Industry Certification
12 th Capstone Year	Machining Technology 4 (H) w/ Machining Technology Capstone