

# Armwood High School

## Curriculum and Course Selection Guide

### 2021 – 2022



A Message from the  
Assistant Principal for Curriculum:

Shortly, you will be making decisions affecting course selection for the 2020-2021 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, guidance 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.

Matthew Johnson  
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

# 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 (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.

## **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 HONORS (1.0 credit) (Grades 10-12)**

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.

## **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

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

### **LITERATURE IN THE ARTS I HONORS**

**(0.5 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.

### **LITERATURE IN THE ARTS II HONORS**

**(0.5 credit) (Grades 11-12)**

The purpose of this course is to enable grades 11-12 students, using texts and artistic works of high complexity, to develop advanced knowledge of the relationship between literature and the fine arts through integrated educational experiences of viewing, reading, writing, speaking and listening, and language. Emphasis will be on the varied cultural influences highlighting the major themes, issues, and topics associated throughout selected literary and artistic periods.

### **DEBATE I**

**(1 credit) (Grades 10-12)**

The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as they apply to oral communication concepts and strategies for public debate in a variety of given settings.

### **DEBATE II**

**(1 credit) (Grades 10-12)**

The purpose of this course is to continue to develop students' awareness, understanding, and application of language arts as they apply to oral communication concepts and strategies for public debate in a variety of given settings. Some work outside of the regular school day may be required.

### **SOCIAL MEDIA I**

**(0.5 credit) (Grades 10-12)**

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.



# MATHEMATICS

## ADVANCED PLACEMENT CALCULUS AB

(1.0 Credit) (Grades 11-12)

*Prerequisite: Analysis of Functions*

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.

## 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.

## ADVANCED PLACEMENT SPANISH LANGUAGE

(1.0 credit) (Grades 11- 12)

AP Spanish Literature and Culture is designed to introduce students to the formal study of Peninsular Spanish, Latin American, and U.S. Hispanic literature from the middle ages to the present day. The course aims to develop students' critical reading and analytical writing skills in Spanish to perform successfully on the Advanced Placement exam in Spanish Literature, as well as develop students' ability to make interdisciplinary connections and explore linguistic and cultural comparisons.

### 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



# 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.

## **ADVANCED PLACEMENT MACROECONOMICS** (1.0 credit) (Grades 12)

***Meets Requirements for Economics***

Explore the principles of economics that apply to an economic system as a whole. You'll use graphs, charts, and data to analyze, describe, and explain economic concepts.

## **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.





**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**  
**AMERICAN GOVERNMENT POS 2041**  
(0.5 credit) (Grades 11-12)

*Prerequisites: College level reading and writing skills are required.*

Covers the structure and function of the American government, the dynamics of political change and contemporary 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 1608**  
(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.*

**DUAL ENROLLMENT**  
**PRINCIPALS OF ECONOMICS ECO 2013**  
(0.5 credit) (Grades 11-12)

*Prerequisites: College level reading, writing and math skills are required.*

Introduction to the theory of national income determination with emphasis on fiscal and monetary policies. This course includes analysis of full employment, price stability and economic growth.

**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.

**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 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)**

This course will provide students an opportunity to trace African American history beginning with the origins of Africans coming to America. This course will also examine the role of African Americans throughout American History which include topics, such as the Civil War, Harlem Renaissance and the Civil Rights movement.

## **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.

# SCIENCE

## **ADVANCED PLACEMENT 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.

## **ADVANCED PLACEMENT PHYSICS B**

(1.0 credit) (Grade 12)

*Prerequisites: Physics Honors with a C or higher*

The purpose of this course is to enable students to explore knowledge of physics at an advanced level. The course prepares students to take the required advanced placement examination administered in May.

## **ADVANCED PLACEMENT 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**

### **REGULAR OR 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.

## **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.

## **ASTRONOMY HONORS**

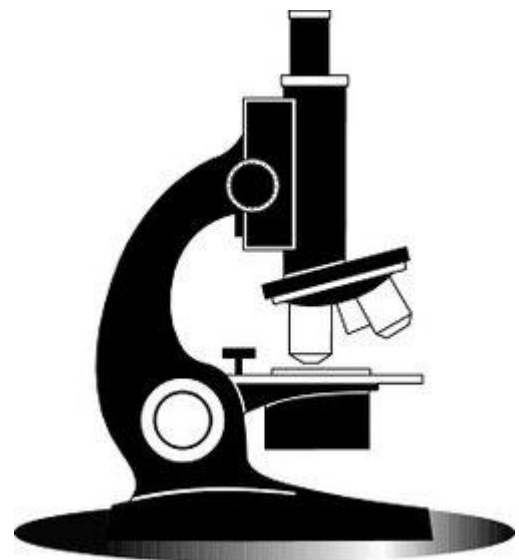
(1.0 credit) (Grades 10-12)

The purpose of this course is to provide opportunities for the students to study objects above the Earth's atmosphere. The content includes the fundamental concepts of Physics: the study of origin, evolution, the structure of the universe, the earth and moon, solar system, star brightness, galaxies, telescopes, astronomical instruments, discoveries from planetary missions, and general cosmology.

## **FORENSIC SCIENCE HONORS**

(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. Students are required to do a research paper.



# PHYSICAL EDUCATION

## DRIVER EDUCATION

(0.5 credit) (Grades 9-12)

*Prerequisites: Must be 15 years of age or older, have original Birth Certificate, and the \$40 lab fee plus the cost of the permit.*

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.



# **FINE ARTS, PERFORMING ARTS, & CAREER TECHNICAL EDUCATION**

**TV Production**

**Art**

**Music**

**Business Technology**

**Marketing**

**Academy of Finance**

**Agriculture**

**Hospitality and Management**

**Health Sciences/Nursing**

**Army Leadership and Education - JROTC**

**Machine Technology**

***Advanced Placement Courses***

**Music Theory**

**Studio/2D Art**

**Computer Science Principals**



# FINE ARTS

## 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.

## 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.

## DIGITAL CINEMA PRODUCTION 1

(1.0 credit) (Grades 10-12)

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

## 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

## GUITAR I

(1.0 credit) (Grades 9-12)

This course is designed for students who are interested in learning how to play acoustic guitar.

## GUITAR II

(1.0 credit) (Grades 10-12)

*Prerequisite: Guitar I*

This course is for students that want to further their skills playing an acoustic guitar.

## KEYBOARD I

(1.0 credit) (Grades 9-12)

This course is designed for students who are interested in learning how to play keyboard.

## **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.

## **ADVANCED PLACEMENT MUSIC THEORY**

**(1.0 credit) (Grades 11-12)**

This course contains the study of fundamental terminology, notational skills, key signatures, and transposition. Two-part counterpoint, harmonization of melodies and four-part realization of figured bass symbols will be studied. Extensive melodic, rhythmic, and harmonic ear training will be included. Students are required to take the advanced placement exam in the spring.

# **BUSINESS TECHNOLOGY & COMPUTER EDUCATION**

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.

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

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**

## **DIGITAL DESIGN 1**

**(1.0 credit) (Grades 10-12)**

**Meets Performing Arts graduation requirement.**

**Prerequisite/Co-requisite: Computing for College and Careers**

In this popular, project-oriented computer course, students learn Adobe InDesign, and Photoshop CS—and enjoy designing and creating REAL publications (i.e., newsletters, brochures, certificates, and special projects for faculty). In this course, student's communication skills, customer service skills and time management skills will improve. **\*Industry Certification available**

## **DIGITAL DESIGN 2**

**(1.0 credit) (Grades 10-12)**

**Meets Performing Arts graduation requirement.**

**Prerequisite: Digital Design 1.**

Students will become proficient at digital imaging and graphics editing, while continuing to create more challenging publications. They will become better at managing resources and time, prioritizing and problem solving as they meet real deadlines for real customers. Software includes: Adobe In Design, Photoshop CS2 and Illustrator CS2. **\*Industry Certification available**

## **FOUNDATIONS OF WEB DESIGN**

**(1.0 credit) (Grades 9-12)**

**Meets Performing Arts graduation requirement.**

**Prerequisite/Co-requisite: Computing for College and Careers**

Learn to create your own web pages. This course is designed to provide a basic overview of the Internet, Intranet and WWW. Topics include operating systems, basic HTML commands, navigation of the Internet, Intranet and Web, and web page design. **\*Industry Certification available**

## **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.

## **GAME & SIMULATION FOUNDATIONS**

(1.0 credit) (Grades 10-12)

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**

## **COMPUTER FUNDAMENTALS**

(1.0 credit) (Grades 9-12)

This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks. **\*Industry Certification available**

# **HEALTH SCIENCES**

## **HEALTH SCIENCE ANATOMY & PHYSIOLOGY**

(1.0 credit) (Grades 11-12)

This course covers general knowledge of the functions and structures of the human body, the study of common diseases and the effects on the human body, medical terminology, medical math, and the chain of infection and prevention. The content is designed to prepare students for the Nursing Assistant class.

\*HOSA Suggested

## **HEALTH SCIENCE FOUNDATIONS**

(1.0 credit) (Grade 12)

**Prerequisite: Health Science Anat & Physiology**

This course is considered the core for the Health Science cluster. Students completing this course will be able to demonstrate knowledge of the health care delivery system, effective communication and use of interpersonal skills, legal and ethical responsibilities, apply understanding of wellness and disease concepts, safety and security procedures, emergency situations, computer literacy, blood borne diseases including AIDS, and basic math and science skills. Students are required to obtain certification in CPR and First Aid. **Students will take this course in conjunction with Nursing Assistant 3. \*HOSA Required**

## **NURSING ASSISTANT 3**

(1.0 credit) (Grade 12)

This course is designed to prepare students for employment as nursing assistants, nurse aides in nursing homes, hospitals, or other health care facilities. Successful completion of this program prepares the student for certification from the State Board. This course includes both acute and long term care. The students will obtain a certification in CPR, First Aid, HIV/AIDS, domestic violence, and infectious control measures that will make them eligible for employment as a Nursing Assistant. Students must provide their own transportation to and from the clinical setting. After successful completion of this course, students may be eligible for the Florida Gold Seal Scholarship. **Students will take this course in conjunction with their Health Science Foundations course. \*HOSA Required**

# ACADEMY OF FINANCE AND MARKETING

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.

## Academy of Finance – Traditional Student

Complete four courses and an internship to qualify for scholarship opportunities. The student should have completed or be enrolled in Accounting and must get approval from the Academy of Finance Director(s) to take Economics & Financial Services, Financial Internship, and Personal Finance.

Standard Track		Accelerated Track 1	
Year	Course Name	Year	Course Name
Freshmen	Business Communication Technology (Formerly <u>F,B,T</u> )	Freshmen/Sophomore	Business Communication Technology (Formerly <u>F,B,T</u> )
Sophomore	Accounting I	Sophomore/Junior	Accounting 1 & Economics & Financial Services (Formerly OPS)
Junior	Economics & Financial Services (Formerly OPS)		
Senior	Financial Internship & Personal Finance (2 different classes)	Senior	Financial Internship & Personal Finance (2 different classes) OR Hospitality & Tourism Directed Study

Accelerated Track 2		Accelerated Track 3	
Year	Course Name	Year	Course Name
Sophomore	Business Communication Technology (Formerly <u>F,B,T</u> ) & Accounting 1	Junior	Business Communication Technology (Formerly <u>F,B,T</u> ) & Accounting 1
Junior	Economics & Financial Services (Formerly OPS)	Senior	Economics & Financial Services (Formerly OPS) Financial Internship & Personal Finance (3 different classes) OR Hospitality & Tourism Directed Study
Senior	Financial Internship & Personal Finance (2 different classes) OR Hospitality & Tourism Directed Study		

## Academy of Finance – Collegiate Academy Student

Complete four courses and an internship to qualify for scholarship opportunities. The student should have completed or be enrolled in Accounting and must get approval from the Academy of Finance Director(s) to take Economics & Financial Services, Financial Internship, and Personal Finance.

Standard Track		Accelerated Track	
Year	Course Name	Year	Course Name
<b>Freshmen</b>	CGS-1000 *	<b>Freshmen</b>	CGS-1000 *
<b>Sophomore – Senior</b>	ACG 2021** Or FIN 1100*** Or FIN 2001****	<b>Sophomore/Junior/Senior</b>	ACG 2021** Or FIN 1100*** Or FIN 2001****
<b>Junior</b>	Economics & Financial Services (Formerly OPS)		
<b>Senior</b>	Financial Internship & Personal Finance (2 different classes) OR Hospitality & Tourism Directed Study	<b>Senior</b>	Economics & Financial Services (Formerly OPS) Financial Internship & Personal Finance (3 different classes) OR Hospitality & Tourism Directed Study

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.

\*CGS-1000 replaces Business, Communication Technology

\*\*ACG-2021 replaces Accounting Applications 1

\*\*\*FIN-1100 replaces Personal Finance

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





## **BUSINESS COMMUNICATION TECH**

**(1.0 credit) (Grades 9-12)**

This course provides students with a basic knowledge of data processing. In addition, this course is the foundation for further training in computer programming for business use. Microsoft word, excel, and power point are covered in this class. Students work towards accomplishing their MOS Certification while also focusing on financial concepts. Students need one full year to accomplish the certification. Students who take this course must also take the NAF exam at the end of the year.

•1st Semester focuses on Basic Financial Principles, Microsoft Word, and Microsoft PowerPoint

•2nd Semester focuses on Business Ethics, Microsoft Excel and Microsoft Outlook (if time permits)

. **\*Industry Certification available**

## **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.**

# 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.

## 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.

# 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.



# CULINARY OPERATIONS AND HOSPITALITY MANAGEMENT

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.

Year	Track 1	Track 2	Track 3	Standard Track
<b>Freshman</b>	Culinary 1	Culinary 1	Culinary 1	Culinary 1
<b>Sophomore</b>	Culinary 2 Culinary 3	Culinary 2 Culinary 3	Culinary 2 Culinary 3	Culinary 2 Culinary 3
<b>Junior</b>	Culinary 4 Management Culinary 4 Student Choice	Culinary 4 Advanced Baking Culinary 4 Student Choice	Culinary 4 Gastronomy & Garde Manger Culinary 4 Student Choice	Culinary 4 Student Choice
<b>Senior</b>	Directed Study and/or OJT	Directed Study and/or OJT	Directed Study and/or OJT	Directed Study and/or OJT

## **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 & TOURISM 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**

## **NUTRITION & WELLNESS** (0.5 credit) (Grades 9-12)

The content includes but is not limited to selection, preparation, service and storage of foods. It allows students to use technology to practice meal management techniques directed toward nutritional food choices based on the life cycle. This course will provide an awareness of consumer issues relating to health and wellness.

## **PRINCIPLES OF FOOD PREP** (0.5 credit) (Grades 9-12)

The content includes but is not limited to preparing students to understand the principles of food, selection and storage, basic food preparation, and selection of food services.



# **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**