



# **Fountain Hills**

High School

**2024 - 2025**

STUDENT COURSE GUIDE

## **Fountain Hills Unified School District #98**

### **Governing Board**

Jill Reed: President

Lillian Acker

Madicyn Reid

Libby Settle

### **Administration**

Dr. Cain Jagodzinski: Superintendent

Chris Hartmann: Principal

Jessica Kane: Assistant Principal

Evelyn Wynn: Dean of Students/Athletic Director

### **Counselors**

Kyle Henson, Grade 9

Laura Lorenz, Grades 10, 11, 12

### **School Facts:**

2023 Enrollment: 488

School colors: Royal Blue and Silver

Mascot: Falcons

Founded: 1992

### **Mission:**

We engage, challenge, and support every student, every day.

### **Purpose Statement:**

To provide rigorous, relevant, and engaging curricular and extracurricular experiences to prepare students for college, career, and life.

# TABLE OF CONTENTS

General Information .....	1
Graduation Requirements .....	1
Three Diploma Options .....	2
Academic Information .....	3
Course List .....	5
Course Offerings by Department	
English .....	7
Mathematics .....	9
Science .....	14
Social Studies .....	18
Fine Arts .....	21
World Language .....	24
Physical Education .....	26
CTE & EVIT.....	29



## Nondiscrimination NOTICE

The Fountain Hills Unified School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the non-discrimination policies:

FHUSD Executive Director of Human Resources and Student Services  
 16000 E. Palisades Blvd.  
 Fountain Hills, AZ ,85268.  
 480-664-5017

For further information on notice of non-discrimination, visit <http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm> for the address and phone number of the office that serves your area, or call 1-800-421-3481.

# GENERAL INFORMATION

The information contained in this publication is intended to assist students and parents in planning a high school curriculum, which will prepare students for their future goals. While the recommendations will be useful to most students, it should not be construed to mean that any deviation would not be appropriate for a student's personal plans. To properly prepare for college or career plans, it is best to contact the guidance department and the appropriate departments for details of actual courses needed.

## GRADUATION REQUIREMENTS

### CREDITS

Credit is given on a trimester basis. Students earn one half (0.5) credit for each course they complete with a passing trimester grade. Students must earn 22.0 credits to fulfill the minimum credit requirement for graduation.

### STATE TESTING REQUIREMENT

In 2022, the Department of Education adopted the ACT as the high school assessment for school letter grades. FHUSD proctors the ACT for all Juniors and the ACT Aspire exam for all Freshmen in the Spring.

Beginning with the Class of 2017, all students must pass the Arizona Civics Test in order to receive a high school diploma. Students from the Class of 2017-2025 must correctly answer at least 60 of the 100 questions on the test in order to receive a passing score. As of the Class of 2026, students will be required to answer at least 70 of the 100 questions accurately. FHUSD students will first attempt the Civics Test in spring of their eighth grade year. The test will be offered multiple times each year, and students may retake the test as many times as necessary to pass.

### COMMUNITY SERVICE

Community service is a graduation requirement. Prior to graduation, students must complete a **minimum of 24 hours** of community service activities (prorated for transfer students). It's recommended that students plan to complete **6 hours per year**. Community service hours must be earned through volunteer work with a non-profit organization. Students may begin accumulating hours after promotion from eighth grade.

### SENIOR INTERNSHIP

All seniors will complete a 40 hour internship with an approved local business registered with the Fountain Hills Chamber of Commerce prior to graduation. Students who are enrolled in EVIT can use their experience from their program of study as the 40 hours required. Students may opt out of the internship program by completing a senior project as an alternative. Please see your counselor or school administrator for additional information.





# THREE DIPLOMA OPTIONS

Fountain Hills High School offers a three-tiered diploma system intended to encourage and reward higher levels of academic achievement.

## Standard Diploma Credit Requirements

4 Math  
4 English  
3 Social Studies  
3 Science  
1 PE/Health  
1 CTE or Fine Art  
6 Electives  
22 Credits Total

## Diploma with Honors Credit Requirements

4 Math  
4 English  
3 Social Studies  
3 Science  
2 Foreign Language  
1 PE/Health  
1 CTE or Fine Art  
5 Electives  
23 Credits Total

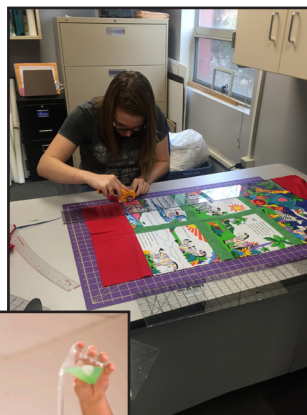
Additional criteria are: minimum 3.5 weighted G.P.A.; at least five honors and/or Advanced Placement classes over four years; all required math, English, science, and social studies courses must be taken in a regular classroom setting during the regular school year.

## Credit Requirements for a Diploma with Highest Distinction

4 Math  
4 English  
3 Social Studies  
3 Science  
3 Foreign Language  
1 PE/Health  
1 CTE or Fine Art  
5 Electives  
24 Credits Total

Additional criteria are: minimum 3.75 weighted G.P.A.; at least five Advanced Placement classes in three different disciplines; all required math, English, science, and social studies courses must be taken in a regular classroom setting during the regular school year.

**All students must pass the Arizona Civics Exam, complete 24 hours of community service, and complete the senior internship in order to graduate.**



# ACADEMIC INFORMATION

## COURSE LOAD

All freshmen, sophomores, and juniors must enroll in five (5) classes each trimester. Seniors may enroll in fewer than five (5) classes only if they are on track to meet graduation requirements by having earned eighteen (18) of the required credits by the fall of their senior year. All seniors must enroll in a minimum of three (3) on-campus FHHS courses regardless of how many total credits beyond 18 that they may have. **The senior internship may not be the third course in a three-period minimum day.**

## GRADING POLICY/GRADE POINT

The majority of courses offered in the curriculum will be awarded grade points on a regular "R" 4.0 scale. Advanced Placement "AP" and honors "H" courses have been designated as more academically challenging and will be awarded grade points on a 5.0 scale for Advanced Placement classes and 4.5 scale for honors classes. Transfer credit for weighted classes will only be given for honors and Advanced Placement classes that carry weighted GPA status at FHHS. Students may contact a school counselor or administrator for additional information.

The percentages for assigning grades and grade point averages at Fountain Hills High School are as follows:

"R"	–	Regular	GPA	–	4.0	scale
"H"	–	Honors	GPA	–	4.5	scale

"AP" – Advanced Placement GPA - 5.0 scale

GRADE AREA		GPA	GPA	GPA
Letter	Percentage	"R"	"H"	"AP"
A+	97-100	4.0	4.5	5.0
A	93-96	4.0	4.5	5.0
A-	90-92	4.0	4.5	5.0
B+	87-89	3.0	3.5	4.0
B	83-86	3.0	3.5	4.0
B-	80-82	3.0	3.5	4.0
C+	77-79	2.0	2.5	3.0
C	73-76	2.0	2.5	3.0
C-	70-72	2.0	2.5	3.0
D+	67-69	1.0	1.5	2.0
D	63-66	1.0	1.5	2.0
D-	60-62	1.0	1.5	2.0
F	59 and below	0.0	0.0	0.0
NC	No Credit	0.0	0.0	0.0
W	Withdraw	0.0	0.0	0.0
WF	Withdraw/Failing	0.0	0.0	0.0

## COURSE SELECTIONS

### 4-YEAR COLLEGE/UNIVERSITY REQUIREMENTS

Students and parents should contact a school counselor for information about requirements for admittance to four-year colleges and universities. The three Arizona state universities require a minimum grade of "C" in the following:

- Four years of English.
- Four years of math with completion of a math class for which Algebra II is a prerequisite
- Three years of lab science
- Two years of social studies
- Two years of the same world language
- One year of fine arts or CTE

## General

### Placement and Prerequisites:

Student placement in course work is determined by a variety of factors such as: performance on standardized assessments; past performance in similar course work; and teacher recommendations.

## Honors Courses

- Honors/Pre-AP English 9
- Honors/Pre-AP English 10
- Honors Algebra I
- Honors Geometry
- Honors Algebra II
- Honors Pre-Calculus with Trigonometry
- Honors Anatomy and Physiology
- Honors Biology
- Honors Chemistry
- Honors Physics
- Honors World History & Geography
- Honors Spanish III
- Honors Spanish IV

## Advanced Placement Courses

The Advanced Placement classes represent a cooperative educational endeavor between secondary schools and colleges and universities. Since its inception in 1955, Advanced Placement classes have provided motivated high school students with the opportunity to take college-level courses in a high school setting. Students who participate in these classes not only gain college-level skills, but in many cases, they also earn college credit while they are still in high school.

The curriculums of these courses are stringent and demanding. To be successful, students must be willing to use their own time, outside of school, to complete assignments and prepare for the exams, just as they would in college. The Advanced Placement classes are taught at a rigorous pace to complete the required curriculum before the exam date. It is highly recommended that students enrolled in Advanced Placement classes take the appropriate AP exam (exam fee is \$99 per test.) The following AP courses are offered at FHHS:

- AP English Language and Composition (3 Terms)
- AP English Literature and Composition (3 Terms)

- AP Psychology (offered even years - 2 Terms)
- AP Calculus AB (3 Terms)
- AP Calculus BC (3 Terms)
- AP Biology (offered in odd years - 2 Terms)
- AP Chemistry (offered in even years - 3 Terms)
- AP Physics (offered in odd years - 3 Terms)
- AP Environmental Science (offered in odd years - 3 Terms)
- AP United States History (3 Terms)
- AP US Government (3 Terms)
- AP Human Geography (offered odd years - 2 Terms)
- AP Statistics (3 Terms)
- AP Capstone: Seminar (2 Terms)
- AP Capstone: Research (3 Terms)

### **Dual & Concurred Enrollment**

Dual enrollment courses are college courses that are taught on the high school campus through an agreement with a community college or university. Dual credit courses require payment of college tuition. Students in dual enrollment courses attend the class on the FHHS campus as a regular part of their school day. They earn college credit for successfully completing the college-level work required in the class. Dual enrollment offerings vary each year in a variety of curricular areas. Teachers will inform students and parents of dual enrollment courses as they are available.

### **Credit for Courses Completed at Non-District Schools**

Core credit for purposes of this policy shall be the credits specifically named as required for graduation by the State Board of Education in R7-2-302.02.

The district welcomes students who were previously enrolled in a school outside of the district and wish to transfer to Fountain Hills High School. The district will encourage such students to meet with a counselor to discuss transfer of course credits and placement in courses that will enable the student to earn a high school diploma and meet the student's personal interests. Credits earned by a student in ninth grade or higher at a non-district school will be accepted by Fountain Hills High School as elective credits for graduation purposes. Fountain Hills High School will accept a credit as a core subject credit for graduation purposes under any of the following four standards designed to ensure that a course credit reflects the student's proficiency in the subject matter of the course:

1. The course (or a similar course) is offered in the District curriculum, and the transfer course was provided by a secondary school that is an accredited Arizona college or university or is fully accredited (excluding special purpose and distance learning designations) by the North Central Association of Schools and Colleges or such other accrediting agencies as determined by the Superintendent;
2. The student demonstrates competency in the subject matter of the course by earning a grade of 70% or better on an end-of trimester examination administered by the district;
3. With regard to certain mathematics or English language arts credits, the student has demonstrated proficiency by obtaining a passing score on the high school ACT test.
4. The student obtains prior approval and completes a

course in a core or elective subject, and is concurrently enrolled at an accredited Arizona community college or university. The student may receive credit, with one-half high school credit awarded for each three-semester hour college or university course.

(FHUSD Governing Board Policy JFABC-R)

### **East Valley Institute of Technology**

All programs at EVIT are occupation-specific and taught by industry-experienced professionals using state-of-the-art equipment. Please visit <https://www.evit.com> for more information and application information. Please also connect with your counselor to learn more about the EVIT programs. The application process begins in January each year.

***FHUSD provides transportation to the EVIT Campuses for morning and afternoon classes.***

## **ENGLISH/LANGUAGE ARTS**

English 9

Honors/Pre-AP English 9

English 10

Honors/Pre-AP English 10

English 11

AP English- Language and Composition

English 12

AP English- Literature and Composition

HS Resource English 9, 10, 11, & 12 HS

Self-Contained Reading

English Essentials

Creative Writing I (Elective)

Creative Writing II (Elective)

## **MATHEMATICS**

Algebra I Concepts

Algebra I

Honors Algebra I

Geometry

Honors Geometry

Algebra II

Honors Algebra II

Pre-Calculus

Financial Algebra & Statistics

AP Calculus AB

AP Calculus BC

Statistics

AP Statistics

HS Resource Math 9, 10, 11, & 12

HS Self-Contained Math

## **SCIENCE**

Earth & Space Science

Intro to Chemistry

Chemistry

Honors Chemistry

AP Chemistry

Nature of Science

Physics

Honors Physics

AP Physics

Biology

AP Biology

Honors Biology

Honors Human Anatomy and Physiology

AP Environmental

## **SOCIAL STUDIES**

Economics/Free Enterprise

World History/Geography

Honors World History/Geography

AP World History

US Government

United States History

AP United States History

AP Human Geography

AP U.S. Government

AP Psychology (Elective)

Sociology (Elective)

Psychology (Elective)

## **FINE ARTS**

### **Performing Arts**

Marching Band

Symphonic Band

### **Visual Arts**

Yearbook

Basic Design I & II

Drawing and Painting I & II

3D Art I & II

Art History I, II & III

### **World Language**

Spanish I

Spanish II

Honors Spanish III

### **Physical Education**

PE

Health

Weight Training (Elective)

Girls Athletics (Elective)

Lifetime Sports (Elective)

Dance (Elective)

Co-Ed Basketball (Elective)

Co-Ed Volleyball (Elective)

Team Athletic P.E. (football, basketball, swim & dive, wrestling, volleyball) (Elective)

### **CTE**

Sports Medicine I

Sports Medicine II

Sports Medicine III

### **Signature Programs**

AP Capstone Seminar

AP Capstone Research

AVID I, II, III, & IV



# COURSE DESCRIPTIONS

## **Signature Programs**

### **Two-Three Trimester Courses**

AP Capstone Seminar  
AP Capstone Research  
AVID

## **AP Capstone Program**

AP Capstone diploma is a program from the College Board based on a two yearlong AP courses: AP Seminar and AP Research.

### **AP Capstone Seminar (170 A/B)**

Grade Levels: 10-12

Prerequisite: Selected through application process

Length of Course: 2 Trimesters

Credit: 1 Credit

The AP Capstone Seminar course is an inquiry-based course that aims to engage students in cross-curricular conversations that explore real-world topics and issues from multiple perspectives. Students are empowered to collect and analyze information with accuracy and precision in order to craft and communicate evidence-based arguments. In addition, students will gain valuable literary and grammatical skills in alignment with the Common Core Standards. With a topic as the centerpiece of class discourse, students learn to employ critical thinking skills such as analysis, synthesis, differentiation, and interpretation; students will engage in collaborative teamwork and project-based learning. (Students are required to take an AP exam upon conclusion of this course). Students will develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. For example, students might explore the question of whether national security is more important than a citizen's right to privacy, or whether genetic engineering is a benefit to society.

### **AP Capstone Research (171 A/B/C)**

Grade Levels: 10-12

Prerequisite: Selected through application process

Length of Course: 3 Trimesters

Credit: 1 Credit

The AP Capstone Research program allows students to put the skills acquired in the AP Capstone Seminar class to practice in a Capstone Research Project. This independent study, executed under the mentorship of a teacher, culminates in a 5,000+ word (roughly 20 pages) paper whereby the student defends and articulates his or her position on his or her chosen subject. Ultimately, this two-year process reveals a student's ability to collect, evaluate, analyze, and synthesize knowledge and information, and then communicate his or her findings.

### **AVID I-IV (136A, 166A-168A)**

Grade Levels: 9-12

Prerequisite: Teacher Recommendation, Accepted into AVID Program

Length of Course: 3 Trimesters

Credit: 1 Credit

The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICOR) through the AVID High School curriculum in both teacher and tutor-led activities. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for ACT, SAT I and SAT II.

## **ENGLISH/LANGUAGE ARTS**

### **Two-Three Trimester Courses**

English 9	English 12
Honors/Pre-AP English 9	AP English- Literature and Composition
English 10	Reading Enrichment
Honors/Pre-AP English 10	HS Resource English 9, 10, 11, & 12
English 11	HC Reading
AP English- Language and Composition	Creative Writing I (Elective) Creative Writing II (Elective)

In order to satisfy the district requirements for graduation, students must successfully complete 4.0 credits in English/ Language Arts.

### **English 9 (100 A/B)**

Intended Grade Level: 9

Prerequisite: None

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to emphasize the study of novels, plays, short stories, and nonfiction and to further develop skills in descriptive, narrative, persuasive, and expository writing. The students will refine paragraph writing to produce an essay with a clear thesis statement and four or more interrelated paragraphs of logical development. Literary analysis will be introduced. Grammatical reinforcement will support the writing format under study.

### **Honors/Pre-AP English 9 (104 A/B)**

Grade Level: 9

Prerequisites: Proficient or higher on ASAA, B or higher in eighth grade English, teacher recommendations

Length of Course: 2 Trimester

Credit: 0.5 per Trimester (Summer reading required)

This course is designed for 9th graders who are performing above grade level in all language skills. Course content will include enhancement and enrichment of the English 9 course. Discussion of literature will support and lead to writing assignments. All honor course students will complete additional requirements outlined in the contract that must be signed by the student and guardian.

### **English 10 (101 A/B)**

Intended Grade Level: 10

Prerequisite: English 9

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to review and implement the principle rules of composition construction and analysis of literary works. Students will focus on the rules of proper grammar, learn to write effective responses to essay questions, and apply editing techniques and research skills. Writing assignments will focus on expository and argumentative writing.

### **Honors/Pre-AP English 10 (107 A/B)**

Intended Grade Level: 10

Prerequisites: Proficient or higher on ACT Aspire or B or higher in English 9, teacher recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester (Summer reading required)

This a Pre-AP course, designed for 10th graders who are performing above grade level in all language skills. Course content will include enhancement and enrichment of the English 10 course. Students will focus on the analysis of literary works and will apply editing techniques and research skills. Writing assignments will emphasize expository and argumentative essays. In addition to required summer reading and in-class literature study, each student will become an expert on one novel from the AP Literature list and complete a quarterly project on that novel. All honor course students will complete additional requirements outlined in the contract that must be signed by the student and guardian.

## **English 11 (102 A/B)**

Intended Grade Level: 11

Prerequisite: English 10

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to focus on the literature of American authors in historical context. Course content will cover specific genres and time periods of American Literature. Grammar, vocabulary, and English conventions will be emphasized. Students will practice various writing forms and learn research skills.

## **AP English - Language and Composition (112 A/B/C)**

Intended Grade Level: 11 or 12

Prerequisites: Determined by instructor based on prior grades and assessments.

Length of Course: 3 Trimesters

Credit: 1 (Summer reading required.)

The elements of language and composition are combined in this course of study. Students will read from a variety of periods, disciplines, and rhetorical contents, with the focus on nonfiction. Students will write in the analytic, argumentative, and expository modes. The resources of language, such as diction, syntax, imagery, and tone will be emphasized. Students must take the AP exam in May. Summer reading and intensive study in and outside of class are expected. Be prepared for college-level difficulty and workload.

## **English 12 (111 A/B)**

Intended Grade Level: 12

Prerequisite: English 11

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to provide students with practical skills for success upon graduation. Course content will include a review of the rules of communication, especially as applied to correct grammar. Students will read from a variety of sources, with the purpose of improving comprehension. Students' writing will focus on practical application of communication skills.

## **AP English - Literature and Composition (135 A/B/C)**

Intended Grade Level: 11 or 12

Prerequisites: Determined by instructor based on prior grades and assessments.

Length of Course: 3 Trimesters

Credit: 1 (Summer reading required.)

The elements of literature and composition are combined in this course of study. Students will read from a variety of periods, disciplines, and rhetorical contents, with the focus on fiction and poetry. Students will write in the analytic, argumentative, and expository modes. The resources of language, such as diction, syntax, and tone will be emphasized. Students must take the AP exam.

## **High School Resource English 9-12 (913-916 A/B)**

Intended Grade Level: 9-10

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

The course is designed to work on essential grade level reading and writing standards. It will meet the needs of the particular students within the class, which will lead to an increase in their reading and writing levels.

## SEQUENCE FOR MATH

YEAR ONE	YEAR TWO	YEAR THREE	YEAR FOUR
HS Resource Math 9	HS Resource Math 10	HS Resource Math 11	HS Resource Math 12
Algebra I Concepts	Algebra I	Geometry	Algebra II
Algebra I	Geometry	Algebra II	PreCalculus OR Financial Algebra & Statistics
Honors Algebra I	Honors Geometry	Honors Algebra II	Honors PreCalculus
Honors Geometry	Honors Algebra II	Honors PreCalculus	AP Statistics OR AP Calculus AB OR AP Calculus BC
Honors Algebra II	Honors PreCalculus	AP Statistics OR AP Calculus AB OR AP Calculus BC	AP Statistics OR AP Calculus AB OR AP Calculus BC

### MATHEMATICS

#### *Two Term Courses*

Honors Geometry

Financial Algebra & Statistics

Algebra I Concepts

Algebra II

Algebra I

Honors Algebra II

Geometry

Honors Geometry  
Honors PreCalculus & Trig

#### *Three Term Courses*

HS Resource Math 9-12

AP Statistics

AP Calculus AB

AP Calculus BC

A Standard Diploma requires completion of a minimum of four credits of math. University-bound students must successfully complete a math class for which Algebra II is a prerequisite. Algebra I and Geometry courses completed at the middle school count toward the four (4) math credits required for graduation. Math courses build upon one another and must be taken sequentially. Student placement in course work is determined by a variety of factors such as: current classes being taken; grade in current class; performance on standardized assessments; past performance in similar course work; and teacher recommendations.



### **High School Self-Contained Math (903 AA/B)**

Intended Grade Level: 9-12

Prerequisite: Permission from the IEP Team

Length of Course: 2 Trimesters

Credit: 0.5 Credit per Trimester

This course focuses on number systems, pre-algebraic concepts, algebra concepts, geometry concepts, graphing, and statistics. Course also includes money and budgeting skills. Course content will be aligned to the AZ State Standards, Core Content Connectors, in math and instruction will be differentiated to meet the specialized needs of the student.

### **High School Resource Math 925 A/B/C, 20524-20526 A/B/C)**

Intended Grade Level: 9-12

Prerequisite: Permission from the IEP Team

Length of Course: 3 Trimesters

Credit: 1 Credit

This course is designed to build upon the students' current math skills while working on either pre-algebra, algebra concepts, geometry, or financial standards as determined by their grade level.

### **Algebra I Concepts (242 A/B)**

Intended Grade Level: 9

Prerequisite: C or below in 8th grade Math or Teacher recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to solidify pre-algebra skills and introduce abstract thinking and problem solving. This course will include topics on positive and negative integers, adding/subtracting/multiplying/dividing positive and negative integers, making tables, scientific notation, making and interpreting scatter plots, properties of exponents, graphing linear equations from a table, and probability.

### **Algebra I (202 A/B)**

Intended Grade Level: 9

Prerequisite: C or better in 8th grade Math or Algebra I Concepts or Teacher recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to introduce abstract thinking and problem solving. This course will include evaluating algebraic expressions with and without exponents; solving one variable equations; graphing, evaluating, solving linear equations in two variables; solving systems of linear equations; graphing, evaluating, and solving absolute value equations; and exploring statistical data; exponential laws and scientific notation; graphing, evaluating, and solving quadratic functions; using direct/inverse variation; evaluating algebraic fractions; evaluating polynomial expressions; determining odds and probability; and exploring statistical data. Daily homework is required of all students.

### **Honors Algebra I (202 A/B)**

Intended Grade Level: 9

Prerequisite: Determined by instructor based on prior grades and assessments.

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

Students will learn all topics covered in regular Algebra I course as well as learn the skills needed to solve equations: perform manipulations with numbers, variables, equations and inequalities. They will also learn concepts central to the abstraction and generalization that algebra makes possible. The course is expanded with more challenging assessments, algebra topics that represent real-life situations, and threaded discussions that allow students to explore and connect algebraic concepts.

## **Geometry (226 A/B)**

Intended Grade Level: 9-11

Prerequisite: Algebra I

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to develop logical thinking skills. Students will be introduced to the concept of proofs where statements and reasons are supplied to reach a given conclusion. Content will include classifying quadrilaterals and triangles; identifying properties of quadrilaterals and triangles; transforming geometric shapes by reflection; drawing lines of symmetry; determining slope of lines, parallel lines, and perpendicular lines; using similar figures; exploring circles; using the Pythagorean theorem; making and applying geometric constructions; solving right triangles and using trigonometric functions; solving coordinate geometry problems; using various area and volume formulas; identifying conic and cylindrical solids, classifying parts; and writing triangle congruence proofs. Daily homework is required of all students. Learning vocabulary and math laws is an important component of this course. Keeping up with content daily is recommended for this course.

## **Honors Geometry (227 A/B)**

Intended Grade Level: 10-12

Prerequisite: Determined by instructor based on prior grades and assessments.

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

Students will learn all topics covered in regular geometry course, as well as engage in activities that allow them to create geometric understanding. This course is designed to develop logical thinking skills beyond the regular geometry course. Students use the tools of geometry to develop, verify, and prove geometric principles and relationships. Through this process, students make conjectures and conclusions. Students will utilize algebra and probability skills to solve geometric problems. Daily homework is required of all students. Learning vocabulary and math laws is an important component of this course. Keeping up with content daily is recommended for this course. The scope, depth, and pace of this course is more extensive and more challenging than regular Geometry.

## **Algebra II (228 A/B)**

Intended Grade Level: 9-12

Prerequisite: Geometry

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

Content includes graphing and solving various types of equations including linear and absolute value equations and inequalities, linear systems of equations and inequalities, quadratic equations, square root and cube root equations, exponential and logarithmic equations, and rational equations. Additionally, students will use matrices and matrix operations, graph conic sections, analyze series and sequences, and use probability and statistical theory to study data. Use of graphing calculators and a brief introduction to trigonometric functions will also be incorporated into this course. Daily homework is required of all students.

## **Honors Algebra II (206 A/B)**

Intended Grade Level: 9-12

Prerequisite: Determined by instructor based on prior grades and assessments.

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course covers all the topics covered in the regular Algebra II course in more depth, and with more mathematical rigor. Additionally, trigonometry is studied in depth and graphing calculators are used regularly. It is highly recommended that a student enrolling in this course obtain a graphing calculator. Daily homework is required of all students.

### **Financial Algebra & Statistics (263 A/B)**

Intended Grade Level: 11-12

Prerequisite: Algebra II

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to cover mathematics in real life. In term one, students will learn how to manage finances and process real-life scenarios of financial budgeting, investments, and taxes. In term two, students will apply probability models to statistical inference and two variable data to make predictions about outcomes of real world events.

### **Honors Pre-Calculus with Trigonometry (230 A/B)**

Intended Grade Level: 10-12

Prerequisite: B- or better in Algebra II both trimesters, or C- or better in Honors Algebra II both trimesters

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course presents topics essential to the further study of mathematics and science, including polynomials, exponential and logarithmic functions, systems of equations, complex numbers and mathematical induction, measures of angles, properties of graphs of trigonometric functions, fundamental identities, addition and half-angle formulas, inverse trigonometric functions, solutions of trigonometric equations. Use of graphing calculators will be incorporated into this course. Daily homework is required of all students. This course is considered an Honors class. This course may be offered as dual enrollment.

### **AP Calculus AB (200 A/B/C)**

Intended Grade Level: 10-12

Prerequisites: C- or better in Pre-Calculus both trimesters, or an A or better both trimesters in Honors Algebra II, or 97 or higher in Algebra II with teacher recommendation.

Length of Course: 3 Trimesters

Credit: 1

This course will explore topics covering real numbers, limits, continuity, differential and integral calculus of functions of one variable. Use of graphing calculators will be incorporated into this course. College credit is available to students who pass the AP Calculus AB exam administered in the spring. Daily homework is required of all students. This course is aligned to the National College Board requirements.

### **AP Calculus BC (239 A/B)**

Intended Grade Level: 11-12

Prerequisite: C- or better in AP Calculus AB both trimesters

Length of Course: 3 Trimesters

Credit: 1

This course is a continuation of AP Calculus AB, and includes the additional topics of elementary transcendental functions, techniques of integration, infinite series and convergence, parametric functions, and polar coordinates. Use of graphing calculators will be incorporated into this course. College credit is available to students who pass the AP Calculus BC exam administered in the spring. Daily homework is required of all students. This course is aligned to the National College Board requirements.

## **Statistics (254 A/B)**

Intended Grade Level: 11-12

Prerequisite: Student who in AP Capstone research class and/or a student who has taken Pre-Calculus and needs a 4th year of math, and with teacher approval.

Length Course: 2 Trimesters

Credit: 0.5 per Trimester

The purpose of Statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study.
3. Anticipating Patterns: Exploring random, phenomena using probability and simulation.
4. Statistical Inference: Estimating population parameters and testing hypotheses.

\* This course will focus on the fundamentals of statistics and the student will take a final instead of an AP exam.

## **AP Statistics(253 A/B)**

Intended Grade Level: 11-12

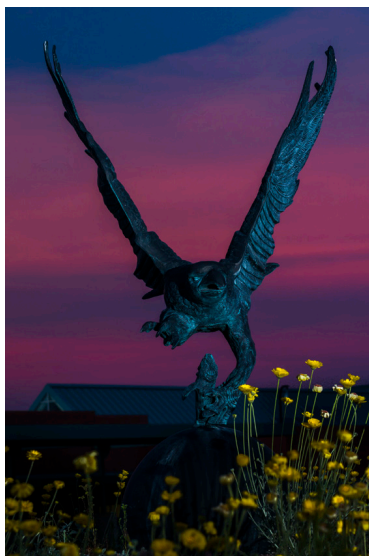
Prerequisite: Student who in AP Capstone research class and/or a student who has taken Pre-Calculus and needs a 4th year of math, and with teacher approval.

Length Course: 3 Trimesters

Credit: 1

The purpose of AP Statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study.
3. Anticipating Patterns: Exploring random, phenomena using probability and simulation.
4. Statistical Inference: Estimating population parameters and testing hypotheses.





## SEQUENCE FOR SCIENCE

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Nature of Science	Biology OR Earth & Space Science	Intro to Chemistry OR Chemistry OR Earth & Space Science	Intro to Chemistry OR Chemistry OR Earth & Space Science
Biology	Chemistry OR Honors Anatomy & Physiology	Chemistry OR Physics	Physics
Honors Biology	Honors Chemistry or Honors Anatomy & Physiology	Physics OR Honors Physics OR AP Environmental Science OR AP Biology OR AP Chemistry	AP Environmental Science OR AP Biology OR AP Chemistry OR AP Physics

### SCIENCE

#### *Two Trimester Courses Lab Sciences*

Nature of Science  
Chemistry  
Honors Physics  
Honors Anatomy & Physiology

Biology  
Honors Chemistry  
AP Biology  
Advanced Anatomy

Honors Biology  
Earth & Space Science  
AP Environmental Science

Intro to Chemistry  
Physics

#### *Three Trimester Courses Lab Sciences*

AP Chemistry

AP Physics

In order to satisfy the district requirements for graduation, students must successfully complete three science credits. College bound students need to successfully complete at least three credits of lab science.

## **Nature of Science(345 A/B)**

Intended Grade Level: 9-12

Prerequisites: C or Below or Teacher Recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is a laboratory-based introduction to the tools and methods necessary to prepare students for subsequent science classes. Skills will include scientific method, metric system, laboratory safety, and microscopy. Students will be introduced to a macroscopic view of the scientific world.

## **Physics (320 A/B)**

Intended Grade Level: 9-12

Prerequisites: Concurrent enrollment in Algebra II or Teacher Recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed for students concurrently enrolled in Algebra II. It introduces students to the physical world through lab-based instruction and activities focusing on basic physics concepts including motion, forces, waves, and electricity. It will develop skills necessary in subsequent science classes. These skills include using the scientific method and metric system, learning and practicing laboratory safety. This course includes rigorous application of math in the realm of science.

## **Honors Physics (354 A/B)**

Intended Grade Level: 9-12

Prerequisites: Concurrent enrollment in Algebra II and Teacher Recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed for students concurrently enrolled in Algebra II who are self-motivated and highly interested in a detailed view of the physical world. This is an introductory lab-based course focusing on basic physics concepts including motion, forces, waves, and electricity. It will develop skills necessary in subsequent science classes. These skills include using the scientific method and metric system, learning and practicing laboratory safety. Honors Physics will delve deeper, move faster, and include additional concepts targeted toward advanced students. This course includes rigorous application of math in the realm of science. All honor course students will complete additional requirements outlined in the contract that must be signed by the student and guardian.

## **AP Physics (322 A/B – odd years)**

Intended Grade Level: 10-12

Prerequisites: B average in previous Science courses, concurrent Algebra II, B in Algebra I

Length of Course: 3 Trimesters

Credit: 1

AP Physics-B is a non-calculus physics course designed to be the equivalent of the college physics course usually taken during the first year of college. This course will include an extensive theoretical and mathematical study of mechanics, electricity, magnetism, light, sound, and relativity. Students should expect to spend additional time to successfully complete this course. Students will take the AP Test in the spring.

## **Biology (308 A/B)**

Intended Grade Level: 9-12

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is a lab-based course and designed to be an introduction to the basic study of all living things on planet Earth. Focus through the course is on scientific method, analyzing and interpreting data charts/graphs, and application of the metric system. Content area focus is on the definition/diversity of life, introduction to biochemistry, ecology, environmental population studies, cell structure and function, genetics, evolution, and the diversity of plants and animals. Safe and responsible lab work is required in addition to research based writing.

### **Honors Biology (314 A/B)**

Intended Grade Level: 9-12

Prerequisites: B or better in 8th grade science and teacher recommendation; 10th-12th no prerequisites

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

Honors Biology is designed as student-centered curriculum. Honors Biology is targeted toward the self-motivated, college-bound student. Course work will require homework in addition to research-based writing. Students should also expect to design their own experiments, collect data, and using research; support their findings in a laboratory report format. Honors Biology is a lab-based course and designed to be an introduction to the basic study of all living things on planet Earth. Safe and responsible laboratory experiments will be required. Focus through the course is on scientific method, analyzing and interpreting data charts/graphs, and application of the metric system. Content area focus is on the definition/diversity of life, introduction to biochemistry, ecology, environmental population studies, cell structure and function, genetics, evolution, and the diversity of plants and animals. All honor course students will complete additional requirements outlined in the contract that must be signed by the student and guardian.

### **AP Biology (327 A/B - even years)**

Intended Grade Level: 10-12

Prerequisites: B in high school Biology, teacher recommendation.

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed for students who wish to pursue a college level biology course in high school. This course follows the recommendations of the Advanced Placement Biology Program and is equivalent to a first year college chemistry course. The lab work includes exercises in both qualitative and quantitative analysis as well as those exercises typically found in a college general biology course. The course requires a “working lunch” lab period one day per week. Students will take the AP Test in the spring.

### **Honors Human Anatomy and Physiology**

Intended Grade Level: 10-12

Prerequisites: B in high school Biology, teacher recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This two trimester honors level course examines the principles of the scientific method, structural organization, homeostasis, and control mechanisms of the human body. Specific chemistry concepts are studied as they relate to the human body. Structure and function of the major systems of the body are examined. There are many laboratory experiences including several dissections. All lab work is mandatory.

### **AP Chemistry (303 A/B – even years)**

Intended Grade Level: 10-12

Prerequisites: B in previous high school Science courses, concurrent Algebra II, teacher recommendation

Length of Course: 3 Trimesters

Credit: 1

This course is designed for students who wish to pursue a college level chemistry course in high school. This course follows the recommendations of the Advanced Placement Chemistry Program and is equivalent to a first year college chemistry course. The lab work includes exercises in both qualitative and quantitative analysis as well as those exercises typically found in a college general chemistry course. Students will take the AP Test in the spring.

### **Introduction to Chemistry (330 A/B)**

Intended Grade Level: 9-12

Prerequisites: C or below in Biology or Teacher Recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

Students will be introduced to the study of organic and inorganic chemicals, their properties, and reactions. The course will include the application of basic mathematical skills and concepts as they relate to chemistry.

### **Chemistry (310 A/B)**

Intended Grade Level: 9-12

Prerequisites: Concurrent Geometry

Length of Course: 2 Trimesters

Credit: .5 per trimester

Students will be introduced to the study of properties of matter, atomic theory, organic and inorganic chemicals, chemical and nuclear reactions and stoichiometry. This course includes rigorous and detailed application of math which will gear students toward a college chemistry class.

### **Honors Chemistry (315 A/B)**

Intended Grade Level: 10-12

Prerequisites: Concurrent Geometry, teacher recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed for the self-motivated student who is highly interested in the study of organic and inorganic chemicals, their properties, and reactions. The course will include a detailed, fast-paced, and mathematically oriented curriculum which will gear students toward college chemistry class. Honors Chemistry will delve deeper, move faster, and include additional concepts targeted toward advanced students. Four college credits (CHM130) can be earned through dual enrollment with Scottsdale CC. All honor course students will complete additional requirements outlined in the contract that must be signed by the student and guardian.

### **AP Environmental Science (329 A/B) Odd Years**

Intended Grade Level: 9-12

Prerequisites: High school Biology or Honors Biology grade of B or better and Teacher Recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

Explore and investigate the interrelationships of the natural world, identify and analyze environmental problems, both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. Participate in hands-on, laboratory and field investigations to apply scientific principles, concepts, and methodologies in order to better understand our natural systems and to critically think about environmental issues and potential solutions. Students will take the AP Test in the spring.

### **Earth and Space Science (931 Aa/Bb)**

Prerequisites: Teacher Recommendation

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

Earth and Space Science is a lab course which explores forces and processes that operate in the universe. Major areas of study will include astronomy, geology, hydrology, meteorology, and environmental issues

### **Advanced Anatomy (302C)**

Intended Grade Level: 10-12

Prerequisites: Honors Anatomy and Physiology and teacher recommendation

Length of Course: 1 Trimester

Credit: 0.5 per Trimester

This one trimester course dives deeper into anatomy and structure and function of the major systems of the body. There are many laboratory experiences including several dissections. All lab work is mandatory.



## **SOCIAL STUDIES**

### *One Trimester Courses*

Government  
Sociology

Economics/Free Enterprise

Psychology

### *Two Trimester Courses*

World History & Geography  
AP Psychology

Honors World History & Geography  
AP Human Geography

United States History

### *Three Trimester Courses*

AP United States History

AP Government

In order to satisfy the district requirement for graduation, students must successfully complete World History/Geography, U.S. History, Government and Economics/Free Enterprise. If a student takes AP Government, they will still be required to take Economics. All other Social Science courses are offered as elective credits. Beginning with the Class of 2017, all students must pass the Arizona Civics Test in order to earn a high school diploma.

## **World History/Geography (416 A/B)**

Intended Grade Level: 9-10

Prerequisite: None

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course will begin with the study of prehistoric man then delve into ancient civilizations, major world religions, and the evolution of European nations with primary emphasis on European history. The influence and responses of Asia, Africa and Latin America are also addressed. Pertinent geography and how it relates to those historical events is included.

## **Honors World History/Geography (415 A/B)**

Intended Grade Level: 9-10

Prerequisite: None

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course will begin with the study of prehistoric man then delve into ancient civilizations, major world religions, and the evolution of European nations with primary emphasis on European history. The influence and responses of Asia, Africa and Latin America are also addressed. Pertinent geography and how it relates to those historical events is included. All honor course students will complete additional requirements outlined in the contract that must be signed by the student and guardian.



## **United States History (414 A/B)**

Intended Grade Level: 11

Prerequisite: World History and Geography

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to cover the major people, events and trends that shaped the history of the United States. The course is a chronological study of United States history from Native American settlement to contemporary affairs. This course includes Arizona's impact of the country's history.

## **AP United States History (402 A/B)**

Intended Grade Level: 11-12

Prerequisite: World History and Geography or AP World History & Geography and completion of Honors English 10 or instructor recommendation

Length of Course: 3 Trimesters

Credit: 1

AP US History is a rigorous, college level course of study designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The time frame includes U.S. history from the initial Native American habitation to present day with emphasis on the colonial through modern periods. Students will learn to assess historical materials - their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in historical scholarship. They will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students who are most successful in AP U.S. History will have earned an A or B in AP World History. They will be expected to dedicate an average of 8-10 hours per week outside of class in preparation for this course. Students will take the AP Test in the spring.

## **US Government (0413)**

Intended Grade Level: 12

Prerequisite: U.S. History or AP U.S. History

Length of Course: 1 Trimester

Credit: 0.5

This course is designed to introduce students to the principles and structure of the federal government. Content will include the philosophy of democratic government, political parties, civil liberties, the electoral system, and the structure of the federal government. This course includes the study of Arizona's governmental system.

## **AP U.S. Government (401A)**

Intended Grade Level: 12

Prerequisite: U.S. History or AP U.S. History or English 11 instructor recommendation

Length of Course: 3 Trimesters

Credit: 1

AP Government is a rigorous, college-level course of study designed to give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It is designed to familiarize students with the various institutions, groups, beliefs, and ideas that constitute U.S. politics as well as acquaint students with the variety of theoretical perspectives and explanations for various behavior outcomes. This course will introduce students to the principles of economics and the free enterprise system. Content will include the study of the U.S. economic system and its impact on decisions made by individuals and governments. Students will take the AP Test in the spring. Students will be required to complete an out-of-class assignment during the summer prior to the start of class. If students choose to drop this course they will receive .5 credit of Social Studies elective. They must then take Government and Economics per the FHHS graduation requirements.

### **Economics/Free Enterprise (0405)**

Intended Grade Level: 12

Prerequisite: U.S. History

Length of Course: 1 Trimester

Credit: 0.5

This course is designed to introduce students to the principles of economics and the free enterprise system. Content will include the study of the U.S. economic system and its impact on decisions made by individuals and families.

### **Psychology (441A)**

Intended Grade Level: 10-12

Prerequisite: None

Length of Course: 1 Trimester

Credit: 0.5

This course is designed to introduce students to the field of psychology and develop an appreciation toward basic understanding of human behavior. Psychological content will include the study of personality theories, emotions, growth and development, mental health, mental illness, sensation, and perception.

### **Sociology (412)**

Intended Grade Level: 10-12

Prerequisite: None

Length of Course: 1 Trimester

Credit: 0.5

Sociological content includes an examination of the ways people interact with others as individuals in small and large groups, in families, and society. Emphasis will be placed on the study of social issues and problems. The study of sociology requires that students and teachers alike study various aspects of society from non-biased point of view.

### **AP Psychology (441B/C) (Even Years)**

Intended Grade Level: 10-12

Prerequisite: None

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed 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 ethics and methods psychologists use in their science and practice. The Advanced Placement Psychology course will offer students the opportunities to learn about the explorations and discoveries made by psychologists over the past century. Students will get the chance to assess some of the differing approaches adopted by psychologists, including biological, behavioral, cognitive, humanistic, psychodynamic, and sociocultural perspectives. Students will also learn the basic skills of psychology research and develop critical thinking skills. Students will take the AP Test in the spring.

### **AP Human Geography (442 B/C) (Odd Years)**

Intended Grade Level: 9-10

Prerequisite: None

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to focus on topics that include thinking geographically, population and migration, culture, political geography, agriculture, urban geography, and development and industrialization. Students will have multiple opportunities to apply the information addressed to critically think and apply their knowledge in note-taking, current events, projects, formatives and summative assessments. Students will take the AP Test in the spring.

## **FINE ARTS**

### **Visual Arts**

*Two & Three Trimester Courses Courses*

Yearbook

Basic Design

3D Art Design I - IV

Art History I, II, & III

AP Studio Art -2D Design (Photo) AP

Studio Art -2D Drawing

AP Studio Art -3D Design

AP Art History

3-D Design & Ceramics II & III Digital Arts

Drawing & Painting I - IV

### **Performing Arts**

*One & Three Trimester Courses*

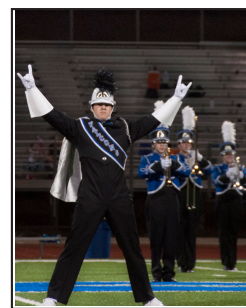
Symphonic/Marching Band

Beginning Guitar

Advanced Guitar

Choir

Advanced Choir



## **Yearbook/Journalism (132 A/B/C)**

Intended Grade Level: 9-12

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

You will be digitally designing the Yearbook. Included will be extensive planning, photojournalism, writing, layout & design. This class requires that you gather yearbook content through investigative reporting and photography of school-related events. The other portion of the class will provide students with work-based learning experiences as you collaborate with community and school members to create projects including brochures, advertisements, and other public relations media.

## **Basic Design I & II (504A/B)**

Intended Grade Level: 9-12

Length of Course: 2 Trimesters

Credits: 0.5 per Trimester

This course is designed to introduce the students to a variety of mediums and techniques. The students will create design projects using techniques in drawing, painting, sculpture and ceramics. This course is a requirement for Painting and Drawing II and II, Ceramics and Sculpture II and III, Graphic Design and Animation.

## **Drawing & Painting I & II (508A/B)**

Intended Grade Level: 9-12

Prerequisite: Basic Design or written permission from instructor

Length of Course: 2 Trimesters

Credits: 0.5 per Trimester

This course is recommended as preparation for submitting a portfolio as part of the AP Studio Art experience. It is also highly recommended for students who wish to take Fashion Design & Merchandising. First trimester will focus on two dimensional design fundamentals. Second trimester will focus on visual solutions to a variety of problems concerning color in two and three dimensions and modes of color appearances, including light and effects in design and theory of design.

## **Drawing & Painting III & IV (577A/B)**

Intended Grade Level: 10-12

Prerequisite: Drawing and Painting II or written permission from instructor

Length of Course: 2 Trimesters

Credits: 0.5 per Trimester

This course will focus on the fundamental principles of drawing with an emphasis on composition using variety of drawing media. This course is recommended as preparation for submitting a portfolio as part of the AP Studio Art experience.



### **3D ART Design I & II (512 A/B)**

Intended Grade Level: 9-12

Prerequisite: Basic Design

Length of Course: 2 Trimesters

Credits: 0.5 per Trimester

This class will cover the fundamental principles of three-dimensional design. Students will explore a variety of 3D media including clay, plaster, wire, paper, found objects, etc.

### **3D Art Design III & IV (514 A/B)**

Intended Grade Level: 10-12

Prerequisite: 3D Art Design I & II

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This class will incorporate advanced principles of three-dimensional design. Students will learn theory, art history, technique, application, 3-D sculpture and form, and building creativity through the use of: clay, paper, plaster, aluminum, wire, fibers, papier-mâché and found objects. Assignments will consist of slab construction, mask making and glazing. Architecture, writing and the exploration of historical and contemporary art work will be included.

### **Art History I (580A)**

Intended Grade Level: 9-12

Prerequisite: None

Length of Course: 1 Trimester

Credit: 0.5

This course introduces and builds the foundation one needs to view the trained eye and critique it. This class offered in-depth overview of art from prehistoric time, non-western, Greek, and Roman art. There will learn how art reflects the environment, culture, history, and materials used. By looking at what has been done before, they will gather knowledge and inspiration that contribute to how people in society speak, feel, and view the world around us.

### **Art History II (582)**

Intended Grade Level: 9-12

Prerequisite: Art History I

Length of Course: 1 Trimester

Credit: 0.5

This class starts where Art History I left off, by looking at the time period where religion influenced art. The class will then progress to the Romanesque, Gothic, Italian Renaissance, Northern Renaissance, Baroque, and Rococo periods. They will learn how art reflects the environment, culture, history, and materials used. By looking at what has been done before, they will gather knowledge and inspiration that contribute to how people in society speak, feel, and view the world around us.

### **Art History III (583)**

Intended Grade Level: 9-12

Prerequisite: Art History I

Length of Course: 1 Trimester

Credit: 0.5

This class starts where Art History II left off, by looking at Neo-classicism, Romanticism, and Realism. This will lead the class to explore Impressionism, Expressionism, Abstract, Surrealism, American Art, Architecture, and finally to present day art. Students will dive in and explore how art changed in the modern age. By looking at what has been done before, they will gather knowledge and inspiration that contribute to how people in society speak, feel, and view the world around us.

## **Marching Band (559 A)**

Intended Grade Level: 9-12

Prerequisite: FHMS Band or Director Approval

Length of Course: 1 Trimester

Credit: 0.5 per Trimester

Wind players, Percussionists and color guard members are all part of the FHHS Marching Band and enroll for the marching band season. The marching band consists of students in grades 9-12 and performs at football games, pep rallies, parades, competitions and other functions of the marching band. This course typically meets outside of the regular school day. Marching band requires attendance at out of school rehearsals, sectionals, performances, festivals and competitions. It may be necessary to rent instruments, purchase maintenance supplies and buy instructional materials. Students are required to be in the Percussion, Winds or Color Guard class during the day for the entire school year to be eligible for participation in the marching band. Students will need to purchase specific apparel as part of the uniform.

## **Percussion Ensemble:**

Intended Grade Level: 9-12

Prerequisite: FHMS Band or Director Approval

Length of Course: 3 Trimesters

Credit: 0.5 per Trimester

Percussion Ensemble is a performance-oriented class designed to meet the unique needs of playing percussion instruments. This class combines performance/competition preparation with technical and musical instruction at the introductory through advanced level focusing on fundamentals skills of percussion performance. During the fall marching season, students practice marching band/pep music during class in addition to marching band sectionals and marching band rehearsals to prepare for performing in the marching band. In the post marching band season, focus is given to concert percussion reinforcing fundamentals on Timpani, Bass Drum, Snare Drum and Keyboard/Mallet instruments. Students will perform with the Symphonic Winds as a marching band in the Fall and as a Symphonic Band during the concert season. Additionally, the percussion will perform independently as a Percussion Ensemble. All students will pay the FHUSD Instrument fee for the use of the school owned percussion instruments. From time to time, these instruments will need to be repaired and or drum heads changed and mallets purchased from "normal" wear and tear.

## **Symphonic Winds**

Intended Grade Level: 9-12

Prerequisite: FHMS Band or Director Approval

Length of Course: 3 Trimesters

Credit: 0.5 per Trimester

Symphonic Winds class is the wind section (Woodwinds and Brass winds) of the marching/symphonic band and is open to students who want to continue playing their band instrument at the High School Level. Students may join for the first time in HS but must spend time taking lessons or working with the HS directors to prepare for the skill level and performance demand at the high school level. The objectives are to give the student a quality musical background and the opportunity for skill development. However, the first several months will be devoted to the practice and perfection of the marching band season music. Extra time is required for rehearsals, performances, festivals and competitions throughout the year. By enrolling in the class, the student is obligated to fully participate in all scheduled activities of the band. It may be necessary for a student to rent or purchase an instrument as well as the prescribed concert attire. Some instruments are for rent through FHUSD. See Fee Schedule.

### **Beginning Guitar (543 A)**

Intended Grade Level: 9-12

Prerequisite: Students will be required to provide their own ACOUSTIC guitar.

Length of course: 1 Trimester

Credit: 0.5 per Trimester

This course is designed to introduce students to primarily reading music notation, playing individual notes or the “melody line” as well as chords which is fundamental to all styles of guitar playing. Emphasis is on tuning, note and rhythm reading, chords and ensemble playing. Students will be responsible for acquiring the recommended acoustic classical guitar.

### **Advanced Guitar (545 A/B)**

Intended Grade Level: 9-12

Prerequisite: Grade of “C” or better in Beginning Guitar

Length of course: 1 Trimester

Credit: 0.5 per Trimester

This course is designed to further the guitar studies of the intermediate to the advanced guitarist. Students must take beginning guitar first unless approved by the director. Students will expand knowledge learned in beginning guitar in regards to note reading, chords and ensemble playing. An emphasis will be placed on performance and the opportunity to collaborate with other musicians. Performances and specific attire will be required. Students must provide their own director approved guitar.

### **Choir (557 A/B)**

Intended Grade Level: 9-12

Prerequisite: None

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is for the beginning to intermediate vocalist who has an interest in singing in a large group. Basic music theory will be covered as well as a varied repertoire of music. Basic choreography will be taught and additional time is required out of the regular school day for rehearsals, performances, and competitions including a winter and spring concert. This course may be taken a total of four (4) times for credit.

### **Advanced Choir (552 A/B)**

Intended Grade Level: 9-12

Prerequisite: Audition

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is for the intermediate to advanced vocalist who has interest in singing in an advanced paced and skill leveled vocal ensemble. These students must be able to sight-sing and have a solid foundation on singing harmony. Throughout the year, advanced students have the option to perform separately. Additional time is required outside of the regular school day for rehearsals, performances, festivals and competitions.

## **WORLD LANGUAGE**

### *Two Trimester Courses*

Spanish I

Honors Spanish III

Spanish II

Honors Spanish IV

Students planning on attending a 4-year university need to complete 2 years of the same world language.

In order to be successful, student should have strong skill in English grammar, reading and writing. Students should be prepared to spend 10-15 minute segments on vocabulary study each night.

### **Spanish I (538 A/B)**

Intended Grade Level: 9-12

Prerequisite: None

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

Spanish 1 is a comprehensive, standards-based college preparatory Spanish course that balances grammar and communication. The course also offers technology designed to integrate the learning of the language with an appreciation for Spanish-speaking cultures around the world. Students learn simple, relevant vocabulary and grammar, including sentence formation, regular, irregular, and stem-changing verbs in the present tense.

### **Spanish II (539 A/B)**

Intended Grade Level: 9-12

Prerequisite: C or better in Spanish I

Length of Course: 2 Trimesters

Credit: 0.5 per Trimester

This course is designed to be a continuation of Spanish I. Following a review of Spanish I grammar and vocabulary, students will continue to improve skills in speaking, reading, writing, and listening comprehension of the Spanish language. Thematic lessons will include new vocabulary and grammar. The content will include present tense, 2 past tenses, and commands. Content will also include the writing of short compositions, oral presentations, and communicating in Spanish

### **Honors Spanish III (574 A/B)**

Intended grade level: 10-12

Prerequisite: C+ or better in Spanish II and teacher recommendation

Length of course: 2 Trimesters

Credit: 0.5 per Trimester

This course is intended to build upon the skills developed in Spanish II. Content will include an in depth study and practice of grammar concepts, as well as vocabulary, reading, and writing. Class will be conducted entirely in Spanish. Emphasis will be given to listening comprehension, oral proficiency, reading, and writing. Reading, projects and presentations build the use of multiple verb tenses, including past, present, future, and subjunctive.

## **PHYSICAL EDUCATION/HEALTH**

### *One Trimester Courses*

Health

Physical Education

### *One or Two Trimester Courses*

Lifetime Sports

Co-ed Weight Training

Dance

Adaptive Dance

Co-ed Basketball

Co-ed Volleyball

Girls Athletics

### *Team Athletic PE Classes (must be on team)*

Girls Volleyball

Swim & Dive

Co-ed Football

Girls Basketball

Boys Basketball

Co-ed Wrestling

In order to satisfy the district requirement for graduation, students must successfully complete their Physical Education and Health credits. This is done during their freshman year. P.E. uniforms are required by all students in P.E., Life Time Sports, Weight Training, Co-ed Basketball, and Co-ed Volleyball.

## **PE (705AA)**

Intended Grade Level: 9-10

Prerequisite: None

Length of Course: 1 Trimester

Credit: 0.5

This course is designed to introduce students to the fundamentals of fitness for a healthy lifestyle. Content will include the importance of a regular fitness program, team sports, weight training, and aerobics. Students must wear appropriate P.E. uniform.

## **Health (716A)**

Intended Grade Level: 9-10

Prerequisite: None

Length of Course: 1 Trimester

Credit: 0.5

This course is designed to be a comprehensive study of health topics. Content will include nutrition, treating and preventing diseases, sexually transmitted diseases, AIDS, substance abuse, first aid, safety, personal health and fitness, and mental health.

## **Lifetime Sports (708A)**

Intended Grade Level: 10-12

Prerequisite: Successful completion of PE

Length of Course: 1 Trimester

Credit: 0.5 (This course may be taken more than one trimester in the same year.)

(Students may take this course a total of six trimesters for three credits.)

This course is designed to introduce students to individual, dual, and team sports and fitness activities. Content includes rules of various sports, historical perspective, and active participation. Activities include participation in volleyball, golf, horseshoes, badminton, flag football, whiffle ball, bowling, ultimate Frisbee, Frisbee, team handball, softball, paddle tennis, pickle ball, and fitness/aerobic activities. Students must furnish appropriate gym clothing. This course may be repeated.

### **Weight Training I Co-ed (714 A)**

Intended Grade Level: 10-12

Prerequisite: Successful completion of PE

Length of Course: 1 Trimester

Credit: 0.5 (Students may take this course a total of six trimesters for three credits.)

This course is designed for students who are interested in body conditioning and development. Content will include circuit training and various types of weight exercises. The students will be learning proper lifting techniques. This course may include a power-lifting competition and an Iron Woman challenge. Cardiovascular and plyometric concepts will also be taught.

### **Girls Athletics (725A)**

Intended grade level: 9-12

Prerequisite: Must participate in an FHHS sport

Length of course: 1 Trimester

Credit: 0.5 Credits

This class is designed for the student-athlete preparing and competing in an interscholastic team or individual sport. The initial goal is technical mastery of basic training exercises, as well as Olympic lift components. Unilateral training, torso stability, and other exercises designed to reduce the risk of injury will be taught.

### **Dance (520A)**

Intended Grade Level: 9-12

Prerequisite: none

Length of Course: 1 Trimesters

Credit: 0.5

This course explores major dance styles including jazz, modern dance, ballet and hip-hop. The course is designed for beginning and intermediate levels dancers with or without previous dance experience. Topics include the study of various dance styles, dance history, body mechanics and choreography. Student writing will reflect inquiry and review of various dance topics and live performances. Additional time may be required outside of the regular school day for rehearsals and performances at the end of each trimester. Proper dance clothes are required. Males and females welcome.

### **Adaptive Dance (723A)**

Intended Grade Level: 9-12

Prerequisite: none

Length of Course: 1 Trimester

Credit: 0.5

This course is designed to create a class environment that nurtures self-expression and develops movement, social, and rhythmic skills for all developmental abilities. In addition, students within the class will have the opportunity to develop their leadership skills as they work closely with and mentor others in the class. Time may be required outside of the regular school day for rehearsals and performances at the end of each trimester. Proper dance clothes are required. Males and females welcome.

### **Co-ed Volleyball (713C)**

Intended grade level: 10-12

Prerequisite: Successful completion of PE

Length of course: 1 Trimester

Credit: 0.5

This course is designed to teach the fundamental skills of volleyball such as serving, blocking, hitting, passing and setting. This course will also introduce game-like sceneries to teach students the rules and regulations of volleyball. Students will actively participate in the sport and be evaluated on their knowledge of techniques, rules, and skills.



### **Co-ed Basketball (729A)**

Intended grade level: 10-12

Prerequisite: Successful completion of PE

Length of course: 1 Trimester

Credit: 0.5

This course is designed to work on shooting, passing, dribbling, footwork and show each student the how and why behind each skill/drill. All players will also get beginner sports performance work to help them with their running form, speed, lateral movement, coordination, and explosiveness.

### **AIA Athletic Team Physical Education Classes**

#### **Football (722A)**

Intended grade level: 9-12

Prerequisite: Physical Completed, Registered on <https://registermyathlete.com/>, on FHHS Team

Length of course: 1 Trimester

Credit: 0.5

This course is designed to work on essential football skills, weight training, conditioning, etc. in order to help all players be mentally and physically prepared for the season.

#### **Girls Volleyball (713A)**

Intended grade level: 9-12

Prerequisite: Physical Completed, Registered on <https://registermyathlete.com/>, on FHHS Team

Length of course: 1 Trimester

Credit: 0.5

This course is designed to teach the fundamental skills of volleyball such as serving, blocking, hitting, passing and setting. This course will also introduce game-like sceneries to teach students the rules and regulations of volleyball. Students will actively participate in the sport and be evaluated on their knowledge of techniques, rules, and skills.

#### **Swim & Dive (738A)**

Intended grade level: 9-12

Prerequisite: Physical Completed, Registered on <https://registermyathlete.com/>, on FHHS Team

Length of course: 1 Trimester

Credit: 0.5

This course is designed to work on essential skills, conditioning, etc. in order to help all athletes be mentally and physically prepared for the season.

#### **Girls/Boys Basketball (713B/729B)**

Intended grade level: 9-12

Prerequisite: Physical Completed, Registered on <https://registermyathlete.com/>, on FHHS Team

Length of course: 1 Trimester

Credit: 0.5

This course is designed to work on shooting, passing, dribbling, footwork and show each student the how and why behind each skill/drill. All players will also get beginner sports performance work to help them with their running form, speed, lateral movement, coordination, and explosiveness.

#### **Wrestling (722B)**

Intended grade level: 9-12

Prerequisite: Physical Completed, Registered on <https://registermyathlete.com/>, on FHHS Team

Length of course: 1 Trimester

Credit: 0.5

This course is designed to teach the sport of wrestling to high school students at a high level while incorporating strength and conditioning into each class.

## **CTE - Career Technology Education**

### *Two Trimester Courses*

Sports Medicine II

Sports Medicine II

Sports Medicine III - Internship

Those students in grade 11 and 12 have the opportunity to explore more CTE classes through EVIT - East Valley Institute of Technology. Please visit their website at <https://www.evit.edu> and speak with the guidance counselor.

### **Sports Medicine I (644 A/B)**

Intended grade level: 10-12

Prerequisite: Honors Anatomy and Physiology or concurrent enrollment and teacher recommendation

Length of course: 2 Trimesters

Credit: 0.5 per Trimester

This course teaches students the basic knowledge and skills needed as a preparation for a future career in sports medicine and rehabilitation services in a clinical, medical or retail setting. In addition to classroom learning, students will spend time learning how to apply their knowledge and practice their skills they are currently learning in a lab setting. Learning to participate in teams, solve problems, think critically and implement effective solutions will be a focus in this class.

### **Sports Medicine II (645 C/D)**

Intended grade level: 10-12

Prerequisite: Sports Medicine I and teacher recommendation

Length of course: 2 Trimesters

Credit: 0.5 per Trimester

This course extensive knowledge and skills needed as a preparation for a future career in sports medicine and rehabilitation services in a clinical, medical or retail setting. In addition to classroom learning, students will spend time working with the athletic trainer and athletic teams to apply their knowledge and practice their skills. Learning to participate in teams, solve problems, think critically and implement effective solutions will be a focus in this class.

### **Sports Medicine III - Internship (670A/B)**

Intended grade level: 12

Prerequisite: Sports Medicine II and teacher recommendation

Length of course: 2 Trimesters

Credit: 0.5 per Trimester

This course pairs students up with local physical therapists to give them real world experiences in the world of sports medicine. Students will work closely with their teachers and placement mentors as they practice the skills they have been learning in both Sports Medicine I and II.