2016-2017

Student Course Guide

Fountain Hills Unified School District #98

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Jennifer Ray: Career and Technical Education Director, Dean of Students for Grades 11 & 12

Counselors

Erika Phillips, Grades 10 & 12

Marie Cooper, Grades 9 & 11

Jeanette Vogan, Social Worker

School Facts:

2015 enrollment: 560

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.

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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 semester basis. Students earn one half (.5) credit for each course they complete with a passing semester grade. 22.0 credits must be earned to fulfill the minimum credit requirement for graduation.

STATE TESTING REQUIREMENT

Students enrolled in the following courses will take the AzMERIT end-of-course assessment(s) in the spring:

- English 9, 10, & 11
- Algebra I
- Geometry
- Algebra II

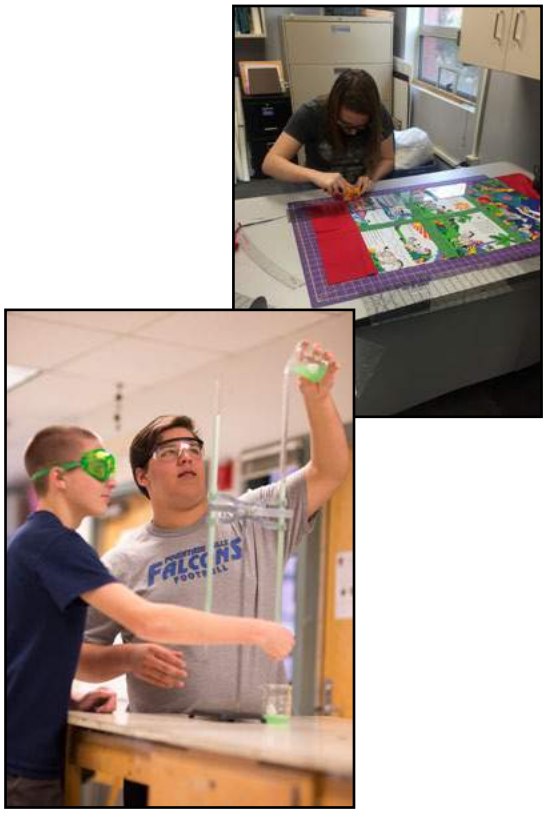
Beginning with the Class of 2017, all students must pass the Arizona Civics Test in order to receive a high school diploma. Students must correctly answer at least 60 of the 100 questions on the test in order to receive a passing score. FHUSD students will first attempt the Civics Test in spring of their 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). Community service hours must be earned through volunteer work with a non-profit organization. Students may begin accumulating hours after promotion from eighth grade. More information and a list of suggested local agencies are available in the administration office. **Students are responsible for turning in community service hours to the office. FHHS will record a maximum of 24 community service hours.**

THREE DIPLOMA OPTIONS

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



Credit Requirements for a Standard Diploma

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

22 Credits Total

Credit Requirements for a Diploma with Honors

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 complete 24 hours of community service in order to graduate.

ACADEMIC INFORMATION

COURSE LOAD
All freshmen, sophomores, and juniors must enroll in six (6) classes each semester. Seniors may enroll in fewer than six (6) 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 four (4) on-campus FHHS courses regardless of how many total credits beyond 18 that they may have. **TA may not be the fourth course in a four-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/Pre-AP English 10
- Honors Algebra II
- Pre-Calculus with Trigonometry
- Honors Anatomy and Physiology (even spring years)
- Honors Biology
- Honors Chemistry
- Honors Physics
- 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 curricula 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 a requirement of the program that students enrolled in Advanced Placement classes take the appropriate AP exam (exam fee is $95 per test.) AP courses offered at FHHS:

- AP English Language and Composition
- AP English Literature and Composition
- AP Studio Art 2D Design
- AP Studio Art Drawing
- AP Studio Art 3D Design
- AP Art History (offered in odd spring years)
- AP Calculus AB
- AP Calculus BC
- AP Biology (offered in odd spring years)
- AP Chemistry (offered in even spring years)
- AP Physics 1 (offered in odd spring years)
- AP World History
- AP United States History
- AP US Government

Dual 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.

Independent Study
Independent study provides students with opportunities to study areas of content beyond the regular curriculum. On a case-by-case basis, students may be allowed to earn credit by completing a course independently in cooperation with a FHHS teacher and a counselor. Independent study agreements are academic contracts developed with a specific teacher for a specific course and are managed through the FHHS counseling office. Independent study contracts are developed on a case-by-case basis; please consult with a counselor for further information.

Correspondence Courses / Online Classes
Students may enroll in a correspondence course through approved entities with prior permission from the counselor and/or administration. The amount of credit FHHS will accept for such work will be determined prior to enrollment. The student is responsible for all financial, registration, academic, and assessment obligations associated with correspondence courses. **All correspondence work must be completed and an official transcript on file with FHHS by May 15th** of a given school year to count for credit for that year.

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 semester 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 AIMS 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)

Teacher Assistant:
Through an application process, students may be assigned to a teacher's classroom or an office on campus to serve as an assistant (TA). Assistants will be assigned to a program based on factors such as: student's application and interest areas; the number of assistants requested by staff; and assurance of adequate supervision; etc. Students who wish to be considered as a teacher assistant must submit at TA application during the registration process in the spring.

East Valley Institute of Technology
All programs at EVIT are occupation-specific and taught by industry-experienced professionals using state-of-the-art equipment. A course catalogue is included on pages 30-44.

FHUSD provides transportation only to the EVIT main campus and only for 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

MATHEMATICS

Skill Builder
Algebra I
Geometry Concepts
Geometry
Honors Geometry
Algebra II Concepts
Algebra II
Honors Algebra II
Practical Business Math
Advanced Algebra
Pre-Calculus
AP Calculus AB
AP Calculus BC

SCIENCE

Introduction to Chemistry
Chemistry
Honors Chemistry
Introduction to the Physical World
Physics
Honors Physics
Biology
AP Biology
Honors Biology
Honors Human Anatomy and Physiology
AP Chemistry
AP Physics
Academic Decathlon (Elective)
Research (Independent Study)
Engineering Analysis Tools & Techniques

SOCIAL STUDIES

Economics/Free Enterprise
Sociology/Psychology
World History/Geography
US Government
United States History
Current Affairs
AP World History
AP United States History
AP US Government/Economics
Criminal/Civil Law
20th Century Military Wars

FINE ARTS

Performing Arts

- Symphonic/Marching Band
- Beginning Guitar
- Advanced Guitar
- Choir
- Advanced Choir

Visual Arts

- Elements of Design I
- Drawing and Painting II/III
- 3-D Ceramics and Sculpture II/III
- AP Studio Art - 2D Design
- AP Studio Art - 2D Drawing
- AP Studio Art - 3D Design
- AP Art History

WORLD LANGUAGE

Spanish I
Spanish II
Honors Spanish III
Honors Spanish IV

PHYSICAL EDUCATION

PE/Health -Boys / PE/Health - Girls
Advanced Co-Ed Strength Training
Co-Ed Strength Training
Athletic Physical Ed
Lifetime Sports

CAREER & TECHNICAL EDUCATION (CTE)

Nursing Services

- Health Careers I/II (Seniors only)

Business Management and Administrative Services

- BMAS I/II

Communications Media Technologies

- Elements of Design I
- Photography II/III
- Digital Video Productions II/III
- Graphic Design II/III
- Comm. Media Technologies Internship IV

Fashion Design & Merchandising

- Fashion Design & Merchandising I/II

Sports Medicine and Rehab Services

- Sports Medicine I/II

COURSE DESCRIPTIONS

ENGLISH/LANGUAGE ARTS

Two Semester Courses

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

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 Semesters
Credit: .5 per Semester

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)

Intended Grade Level: 9
Prerequisites: None
Length of Course: 2 Semesters
Credit: .5 per Semester (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.

English 10 (101 A/B)

Intended Grade Level: 10
Prerequisite: English 9
Length of Course: 2 Semesters
Credit: .5 per Semester

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 (105 A/B)

Intended Grade Level: 10
Prerequisites: English 9
Length of Course: 2 One Semester Courses
Credit: .5 per Semester (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.

English 11 (102 A/B)

Intended Grade Level: 11
Prerequisite: English 10
Length of Course: 2 Semesters
Credit: .5 per Semester

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 (117 A/B)

Intended Grade Level: 11 or 12
Prerequisites: Honors English 10 or English 10 instructor recommendation
Length of Course: 2 Semesters
Credit: .5 per Semester (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 Semesters
Credit: .5 per Semester

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(108 A/B)

Intended Grade Level: 11 or 12
Prerequisites: Honors English 10 or English 10 instructor recommendation
Length of Course: 2 Semesters
Credit: .5 per Semester (Summer reading required.)

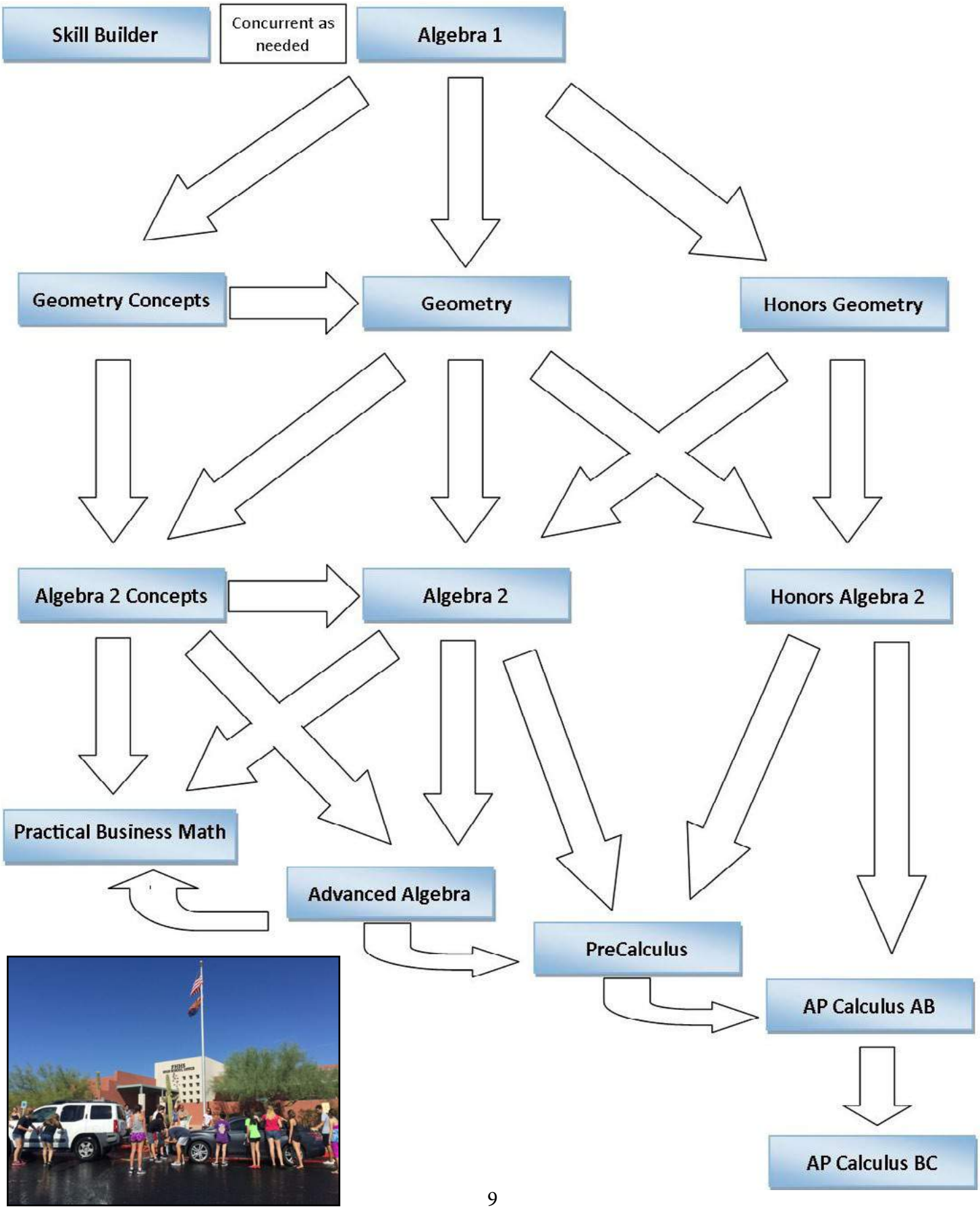
The elements of literature and composition are combined in this course of study. Students will read from a variety of periods, disciplines, and rhetorical contents, with the focus on fiction and poetry. Students will write in the analytic, argumentative, and expository modes. The resources of language,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

SEQUENCE FOR MATH

YEAR ONE	YEAR TWO	YEAR THREE	YEAR FOUR
Skill Builder *concurrent as needed* Algebra I	Algebra I		
Geometry (C or better in Algebra I, or B or better in Geometry Concepts)	Geometry Concepts (less than C in Algebra 1)	Geometry Concepts (less than C in Algebra 1)	Practical Business Math (less than C- in Advanced Algebra, or less than C in Algebra II Concepts or Algebra II)
Honors Geometry (A in Algebra I)	Geometry (C or better in Algebra I, or B or better in Geometry Concepts)	Geometry (C or better in Algebra I, or B or better in Geometry Concepts)	
	Honors Geometry (A in Algebra I)	Honors Geometry (A in Algebra I)	Honors Geometry (A in Algebra I)
Algebra II (C or better in Geometry or C- or better in Honors Geometry or B or better in Algebra II Concepts)	Algebra II (C or better in Geometry or C- or better in Honors Geometry or B or better in Algebra II Concepts)	Algebra II Concepts (less than C in Geometry or less than B+ in Geometry Concepts)	Algebra II Concepts (less than C in Geometry or less than B+ in Geometry Concepts)
Honors Algebra II (A in Geometry or B+ or better in Honors Geometry)	Honors Algebra II (A in Geometry or B+ or better in Honors Geometry)	Algebra II (C or better in Geometry or C- or better in Honors Geometry or B or better in Algebra II Concepts)	Algebra II (C or better in Geometry or C- or better in Honors Geometry or B or better in Algebra II Concepts)
		Honors Algebra II (A in Geometry or B+ or better in Honors Geometry)	Honors Algebra II (A in Geometry or B+ or better in Honors Geometry)
	PreCalculus (C- or better in Advanced Algebra or B- or better in Algebra II or C- or better in Honors Algebra II)	Advanced Algebra (C or better in Algebra II Concepts or less than B- in Algebra II)	Advanced Algebra (C or better in Algebra II Concepts or less than B- in Algebra II)
	AP Calculus AB (A- or better in Honors Algebra II or C- or better in PreCalculus)	PreCalculus (C- or better in Advanced Algebra or B- or better in Algebra II or C- or better in Honors Algebra II)	PreCalculus (C- or better in Advanced Algebra or B- or better in Algebra II or C- or better in Honors Algebra II)
		AP Calculus AB (A- or better in Honors Algebra II or C- or better in PreCalculus)	AP Calculus AB (A- or better in Honors Algebra II or C- or better in PreCalculus)
		AP Calculus BC (C- or better in AP Calculus AB)	AP Calculus BC (C- or better in AP Calculus AB)

SEQUENCE FOR MATH

*see course descriptions for prerequisites



MATHEMATICS

Two Semester Courses

Skill Builder	Algebra I	Honors Geometry	AP Calculus AB
Geometry Concepts	Geometry	Honors Algebra II	AP Calculus BC
Algebra II Concepts	Algebra II	Pre-Calculus	
Practical Business Math	Advanced Algebra		

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.

Algebra I (225 A/B)

Intended Grade Level: 9
Prerequisite: none
Length of Course: 2 Semesters
Credit: .5 per Semester

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.

Geometry Concepts (243 A/B)

Intended Grade Level: 10-11
Prerequisite: Less than C in Algebra I both semesters.
Length of Course: 2 Semesters
Credit: .5 per Semester

This course is designed to cover the same concepts as Geometry, but with less rigor. Daily homework is required of all students. Emphasis is on high school geometry basics. This course does not meet guidelines for college or university admissions.

Geometry (226 A/B)

Intended Grade Level: 9-11
Prerequisite: C or better in Algebra I both semesters, or B or better in Geometry Concepts both semesters.
Length of Course: 2 Semesters
Credit: .5 per Semester

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

Intended Grade Level: 10-12
Prerequisite: A in Algebra I both semesters
Length of Course: 2 Semesters
Credit: .5 per Semester

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 Concepts (248 A/B)

Intended Grade Level: 11-12
Prerequisites: Less than B+ in Geometry Concepts both semesters, or less than C in Geometry both semesters.
Length of Course: 2 Semesters
Credit: .5 per Semester

This course is designed so that all students can succeed in Algebra II. The course focus is on key topics that provide a strong foundation for Algebra II. Daily homework is required of all students. This course does not meet guidelines for college or university admissions.

Algebra II (228 A/B)

Intended Grade Level: 9-12
Prerequisite: C or better in Geometry both semesters, or B or better in Algebra II Concepts both semesters
Length of Course: 2 Semesters
Credit: .5 per Semester

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: A in Geometry both semesters.
Length of Course: 2 Semesters
Credit: .5 per Semester

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.

Advanced Algebra (203 A/B)

Intended Grade Level: 11-12
Prerequisite: C or better in Algebra II Concepts both semesters, or less than B- in Algebra II both semesters
Length of Course: 2 Semesters
Credit: .5 per semester

This course is designed to prepare students for university mathematics courses, so it is assumed students selecting this course have a solid knowledge of core Algebra II concepts including linear and quadratic equation and solving and graphing techniques. The course stresses the inter-relationship between Algebra, Trigonometry and Statistics using a focus of the function. This will prepare the student for a pre-calculus. Topics include data, functions and models, transformations, types of functions, circular functions, probability and simulation, sequences and series, polynomials, binomial and normal distributions, matrices, quadratic relations, applications of Trigonometry. Graphing calculators are used frequently in this class as they are in most college math courses. It is highly recommended that a student enrolling in this course obtain a graphing calculator.

Pre-Calculus with Trigonometry (230 A/B)

Intended Grade Level: 10-12

Prerequisite: B- or better in Algebra II both semesters, or C- or better in Honors Algebra II both semesters, or C- or better in Advanced Algebra both semesters.
Length of Course: 2 Semesters
Credit: .5 per Semester

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)

Intended Grade Level: 10-12
Prerequisites: C- or better in Pre-Calculus both semesters, or A- or better both semesters in Honors Algebra II.
Length of Course: 2 Semesters
Credit: .5 per Semester

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 semesters
Length of Course: 2 Semesters
Credit: .5 per Semester

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.

High School Math Skill Builder (246 A/B)

Intended Grade Level: 9
Prerequisites: 9th grader who has not passed math portion of the 8th grade State assessment test, or teacher recommendation. Also, a C- or below in Pre-Algebra or 8th grade math
Length of Course: 1 or 2 Semesters
Credit: .5 per Semester (Elective credit)

This course is designed for incoming freshman who scored at the FFB (or comparable) level or APP level on the 8th grade state-approved proficiency exam. It will be taken as an elective concurrent with Algebra I. It is designed to review and reinforce essential eighth grade math concepts and skill. This course does not replace any State required math courses as it is for required remediation only.

Practical Business Math Procedures (250 A/B)

Intended Grade Level: 12
Prerequisites: C or less in Algebra II Concepts or Algebra II both semesters. If you have passed Pre-Calculus or higher you cannot take this course.
Length of Course: 2 Semesters
Credit: 1 Credit

This course is designed as a review of basic arithmetic, mathematics and application of mathematics to business problems both personal and professional. The students taking this course need to have a working knowledge of algebra 1. This course meets guidelines for graduation but may not meet requirements for university admissions. There will be daily reading assignments of the chapters and vocabulary will be tested. Curriculum is aligned with MAT081 & MAT091 at Scottsdale Community College.

SEQUENCE FOR SCIENCE

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Biology (no prerequisites)	Biology (no prerequisites)	Biology (no prerequisites)	Biology (no prerequisites)
	Honors Biology (no prerequisite)	Honors Biology (no prerequisite)	Honors Biology (no prerequisite)
	AP Biology or Anatomy/Physiology (prereq: C in Biology)	AP Biology or Anatomy/Physiology (prereq: C in Biology)	AP Biology or Anatomy/Physiology (prereq: C in Biology)
Intro to Chemistry (no prerequisites)	Intro to Chemistry (no prerequisites)	Intro to Chemistry (no prerequisites)	Intro to Chemistry (no prerequisites)
Chemistry (prereq: concurrent Geometry)	Chemistry (prereq: concurrent Geometry)	Chemistry (prereq: concurrent Geometry)	Chemistry (prereq: concurrent Geometry)
	Honors Chemistry (prereq: C or above in Algebra I)	Honors Chemistry (prereq: C or above in Algebra I)	Honors Chemistry (prereq: C or above in Algebra I)
	AP Chemistry (prereq: B in previous Science courses, concurrent Algebra II, B in Algebra I)	AP Chemistry (prereq: B in previous Science courses, concurrent Algebra II, B in Algebra I)	AP Chemistry (prereq: B in previous Science courses, concurrent Algebra II, B in Algebra I)
Intro to the Physical World (no prerequisites)	Intro to the Physical World (no prerequisites)	Intro to the Physical World (no prerequisites)	Intro to the Physical World (no prerequisites)
Physics (prereq: concurrent Algebra II)	Physics (prereq: concurrent Algebra II)	Physics (prereq: concurrent Algebra II)	Physics (prereq: concurrent Algebra II)
	Honors Physics (prereq: concurrent Algebra II)	Honors Physics (prereq: concurrent Algebra II)	Honors Physics (prereq: concurrent Algebra II)
	AP Physics (prereq: B in previous Science courses, concurrent Algebra II, B in Algebra I)	AP Physics (prereq: B in previous Science courses, concurrent Algebra II, B in Algebra I)	AP Physics (prereq: B in previous Science courses, concurrent Algebra II, B in Algebra I)
	Engineering (prereq: 2 yrs HS Algebra or instructor approval)	Engineering (prereq: 2 yrs HS Algebra or instructor approval)	Engineering (prereq: 2 yrs HS Algebra or instructor approval)

SCIENCE

Two Semester Courses Lab Sciences

- Biology
- Honors Biology
- AP Biology
- Honors Human Anatomy/Physiology
- Intro to Chemistry
- Chemistry
- Honors Chemistry
- AP Chemistry
- Intro to the Physical World
- Physics
- Honors Physics
- AP Physics
- Engineering Anaylsis Tool & Techniques

One Semester Courses Electives

- Academic Decathlon (Elective)
- Research - Independent Study

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.

Introduction to the Physical World (306 A/B)

Intended Grade Level: 9-12
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

IPW introduces students to the scientific applications of the physical world through lab-based instruction. Focus is on scientific method, graphing, metric system, laboratory safety, introduction to research based writing (including experimentation design/data collection/lab report formatting), and applying basic math skills to explain the realm of science. Elements of physics including: motion, electronics, magnetism, and light will be explored. IPW serves to facilitate the development of skills necessary in subsequent science classes.

Physics (360 A/B)

Intended Grade Level: 9-12
Prerequisites: Concurrent enrollment in Algebra II
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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 (340 A/B)

Intended Grade Level: 10-12
Prerequisites: Concurrent enrollment in Algebra II
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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 First 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.

AP Physics (312 A/B) – odd spring years

Intended Grade Level: 10-12
Prerequisites: B average in previous Science courses, concurrent Algebra II, B in Algebra I
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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.

Biology (308 A/B)

Intended Grade Level: 9-12
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

This course 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. Safe and responsible lab work is required in addition to research based writing.

Honors Biology (314 A/B)

Intended Grade Level: 10-12
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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.

AP Biology (327 A/B) - odd spring years

Intended Grade Level: 10-12
Prerequisites: C in Biology
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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.

Honors Human Anatomy and Physiology 304 A/B even spring years

Intended Grade Level: 10-12
Prerequisites: C in Biology
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

This two semester 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 spring years

Intended Grade Level: 10-12
Prerequisites: B in previous Science courses, concurrent Algebra II, B in Algebra I
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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.

Introduction to Chemistry (330 A/B)

Intended Grade Level: 9-12
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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
Length of Course: 2 Semesters
Credit: .5 per Semester ($30 supply fee for the year)

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.

Independent Study(339A/B) - Science Research in Energy and Applied Chemistry

Intended Grade Level: 11-12
Prerequisites: One year of high school science
Length of Course: 1 Semester
Credit: .5 per Semester ($30 supply fee for the year)

This is course that can be taken up to two semesters concurrently. You choose a course of research within the expertise of the research instructor. The instructor will provide materials and primary background information. The student will record all work in a research notebook. Results of the work may be publishable and could result in a publication on the student's record.

Academic Decathlon (321 A/B)

Intended Grade Level: 11-12
Prerequisites: none
Length of Course: 2 Semesters
Credit: .25 per Semester ($25 Co-Curricular fee)

The course is designed to prepare you to compete in the Local Academic Decathlon. Scholarships at all three Arizona Universities are offered at the local level. There are ten areas of competition and a new focus every year. The course will be Team taught. This course is an elective credit.

Engineering Analysis Tools and Techniques (309A/B)

Intended Grade levels: 11-12
Prerequisites: Two years of high school algebra or MAT133 (community college level) or departmental approval.
Length of course: 2 Semesters

Credit: .5 per Semester ($30 Engineering Fee)

Learning the culture of engineering and the use of computer tools and computer modeling as applied to engineering analysis and design. This course will help students evaluate engineering as a career as well as prepare students to innovate in the invention process and in design. Equivalent to ECE 102 – approved by MCCC and is approved for credit transfer to ASU, UofA, and NAU.

SOCIAL STUDIES

Two Semester Courses

- World History/Geography
- United States History
- AP United States History
- AP US Government
- AP World History

One Semester Courses

- US Government
- Economics/Free Enterprise
- Current Affairs - Elective
- Sociology/Psychology - Elective
- Criminal/Civil Law
- 20th Century Military Wars

In order to satisfy the district requirement for graduation, students must successfully complete World History/ Geography, U.S. History, Government and Economics/Free Enterprise. 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 Semesters
Credit: .5 per Semester

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.

AP World History (403 A/B)

Intended Grade Level: 10 -12
Prerequisite: Honors English 9 or English 9 instructor's recommendation
Length of Course: 2 Semesters
Credit: .5 per Semester

The purpose of the Advanced Placement World History course is to use relevant factual knowledge taken from primary and secondary sources with high-order thinking skills to acquire a greater understanding of the development of global processes, from ancient times to the present day. The course emphasizes the character of change and continuity in world structures and their impacts. Furthermore, this study will evaluate the interchange of major societies in the global community and the results of that interplay. Throughout the duration of this course, the instruction lends itself to chronological periodization as well as thematic perspective. The chronological time frame is from 8000 BC to the present. Students who are most successful in AP World History will have earned an A or B in Honors English. They will be expected to dedicate an average of 8-10 hours per week outside of class in preparation for this course. Students must take the AP exam for college credit.

United States History (414 A/B)

Intended Grade Level: 11
Prerequisite: World History and Geography
Length of Course: 2 Semesters
Credit: .5 per Semester

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: 2 Semesters
Credit: .5 per Semester

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 must take the AP exam for college credit.

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US Government (0413)

Intended Grade Level: 12
Prerequisite: U.S. History or AP U.S. History
Length of Course: 1 Semester
Credit: .5 Credit

This course is designed to introduce students to the principles and structure of t he 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 and completion of Honors English 11 or English 11 instructor recommendation
Length of Course: 2 Semesters
Credit: .5 per Semester

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 who complete this course of study will also take the AP Government and Politics exam. Students will be required to complete an out-of-class assignment during the summer prior to the start of class. Students who are most successful in AP Government will have earned an A in U.S. History or AP U.S. History and AP World History. They will be expected to dedicate an average of 8-10 hours per week outside of class in preparation of this course.

If students choose to drop this course at the semester 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 Semester
Credit: .5 Credit

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.

20th Century Military Wars (421A)

Intended Grade Level: 10-12

Prerequisite: None
Length of Course: 1 semester
Credit: .5 credit

This course is designed to introduce students to major military wars and conflicts that have involved the United States in the 20th and 21st centuries, beginning with the Spanish-American War thru WW I, WW II, Korean War, Vietnam Conflict, Gulf War and the war in Iraq and Afghanistan. Content will focus on the political, economic, cultural, and military causes that led to each war and the consequences. Emphasis will be on military strategies and tactics of major campaigns, the evolution and technological advances of weaponry, communications, food and uniforms, and intelligence gathering.

Current Affairs (422A)

Intended Grade Level: 10-12
Prerequisite: World History/Geography
Length of Course: 1 Semester
Credit: .5 Credit

This course will explore both contemporary national and international issues that shape our world and the choices we make. Communication and transportation have shrunk the world we live in to the point that we must stay current on issues, nations, and influential personalities. Independent research and class discussion will be the foundation of this class.

Psychology/Sociology (420A)

Intended Grade Level: 10-12
Prerequisite: None
Length of Course: 1 semester
Credit: .5 Credit

This course is designed to introduce students to the field of psychology and sociology. Psychological content will include the study of personality theories, emotions, growth and development, mental health, mental illness, sensation, and perception. 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.

Criminal/Civil Law (408A)

Intended Grade Level: 10-12
Prerequisite: None
Length of Course: 1 Semester
Credit: .5 Credit

This course is designed to introduce students to the types of criminal laws, civil laws, state offenses, and the court system. Content will include contracts, legal vocabulary, torts and crimes, rights of minors, leases, insurance, analysis and discussion of current legal issues on a weekly basis.

FINE ARTS

Visual Arts

Two Semester Courses

- Elements of Design I
- AP Studio Art -2D Design
- AP Studio Art -2D Drawing
- AP Studio Art -3D Design
- Drawing & Painting II & III
- AP Art History – (odd spring years)
- Ceramics/3-D Design II & III

Performing Arts

Two Semester Courses

- Symphonic/Marching Band
- Beginning Guitar
- Advanced Guitar
- Choir
- Advanced Choir

Elements of Design I (668 A/B)

Intended Grade Level: 9-12 (highly recommended for freshmen)
Length of Course: 2 Semesters
Credit: .5 per Semester (Students choose either Fine Art or Practical Art credit)
1 college credit (ART 100) can be earned through dual enrollment with Scottsdale CC. ($50 class fee)

Students will explore visual communication as it applies to careers in design, yearbook journalism, photography and art. In addition, students will create original posters, illustrations, magazine and book designs, and communicate identity through logo designs. Students will learn technical skills with traditional drawing, painting, and sculptural mediums as well as learn the basics of the Adobe software programs: Photoshop and Illustrator. This course is a prerequisite for Graphic Design II, Photography II, and all visual art courses.

Drawing & Painting II (505 A/B)

Intended Grade Level: 11-12
Prerequisite: Elements of Design or written permission from instructor
Length of Course: 2 Semesters
Credit: .5 per Semester ($50 class fee)

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 semester will focus on two dimensional design fundamentals. Second Semester 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 (508 A/B)

Intended Grade Level: 11-12
Prerequisite: Drawing and Painting I AB or written permission from instructor
Length of Course: 2 Semesters
Credit: .5 per Semester ($50 class fee)

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.

AP Studio Art (501 A/B) - (2D Design, 2D Drawing, or 3D Design)

Intended Grade Level: 11-12
Prerequisite: Instructor approval
Length of Course: 2 Semesters
Credit: .5 per Semester ($50 class fee)

Advanced Placement Studio Art is a course for students who have experience with art, and plan on pursuing art courses beyond high school. This is a college-level course, in which students will be required to build a competitive portfolio of their artwork. Students will learn how to conceptualize and build an artistic idea to create a series of related works of art. They will also continue to refine art skills through the use of a variety of art media. Portfolios will be submitted for possible college credit at the end of the course. **Students should indicate their area of interest on the registration form, choosing between Drawing/Painting (2-D), Photography, Graphic Design (2D), or 3-D Ceramics & Sculpture.**

3-D Ceramics & Sculpture II (565 A/B)

Intended Grade Level: 10-12
Prerequisite: Elements of Design
Length of Course: 2 Semesters
Credit: .5 per Semester ($50 class fee)

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.

3-D Ceramics & Sculpture III (566 A/B)

Intended Grade Level: 10-12
Prerequisite: 3-D Ceramics & Sculpture I
Length of Course: 2 Semesters
Credit: .5 per Semester ($50 class fee)

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. This course is recommended as preparation for AP Studio Art 3D.

AP Art History (513 A/B) – offered in odd spring years

Intended Grade Level: 10-12
Prerequisite: Successful completion of World History or concurrent enrollment in World History
Length of Course: 2 Semesters
Credit: .5 per Semester ($50 class fee)

This is a college level course, which is open to sophomores, juniors, and seniors, with the recommendation of an art, English or history instructor. This course will cover art history from ancient civilizations through contemporary times. This is not a studio art course. Coursework will consist of writing, research and examinations as it applies to various art and artists. Students may be eligible for college credit upon completion of the course and successful scoring on the Advanced Placement exam.

Symphonic/ Marching Band (559 A/B)

Intended Grade Level: 9-12
Prerequisite: Middle School Band
Length of Course: 2 Semesters ($25 co-curricular fee)
Credit: .5 per Semester ($100 Instrument rental fee for the year)

This course is designed to further the instrumental studies of the intermediate to advanced musician who wants to pursue the study of music. Students will be exposed to a variety of musical styles and periods. In the fall semester, students will participate in Marching Band. The Falcon Marching Band performs at all home football games as well as several other performances. The spring semester focuses on Symphonic Band music and small ensemble playing. Additional time is required out of the regular school day for both Marching Band and Symphonic Band for rehearsals and performances including a winter and spring concert. Students will need to purchase specific apparel for performances. This course may be taken a total of four times for credit. Students using school instruments will be required to pay a usage fee of $100 for the year to be paid at the beginning of the fall semester.

Note regarding marching band and athletics: Student athletes may participate in marching band during the fall semester and symphonic band during the spring. However, due to the work load and time commitments of both fall activities, student-athletes who are also in band will NOT participate in the competitive halftime show and related competitions. Student-athlete/band members will be required to participate in other mandatory band events such as: FHHS Band Camp, parade marching, pep rallies, winter concert, etc. All required dates will be outlined in the band commitment form distributed at the beginning of each semester.

Beginning Guitar (543 A/B)

Intended Grade Level: 9-12
Prerequisite: Students will be required to provide their own ACOUSTIC guitar.
Length of course: 2 Semesters
Credit: .5 per Semester

This course is designed to introduce students to reading music, playing individual notes or the “melody line” as well as chords or the “rhythmic accompaniment line” which is fundamental to all styles of guitar playing. Emphasis is on tuning, note reading, chords, ensemble playing, songwriting and sight-reading.

Advanced Guitar (545 A/B)

Intended Grade Level: 10-12
Prerequisite: Grade of “C” or better in Beginning Guitar
Length of course: 2 Semesters
Credit: .5 per Semester

This course is designed to further the guitar studies of the intermediate to advanced guitarist. Students will expand knowledge learned in Beginning Guitar in regards to note reading, chords, ensemble playing, songwriting and sight-reading. Emphasis is on performance, both weekly in class and concerts given in the community. Students will have opportunities to collaborate with other musicians in the song-writing component!

Choir (Vocal FX Show Choir) (557 A/B)

Intended Grade Level: 9-12
Prerequisite: None
Length of Course: 2 Semesters ($25 co-curricular fee)
Credit: .5 per Semester ($70 performance apparel fee- this is only a one time fee, not every year a student takes it)

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 Semesters ($25 co-curricular fee)
Credit: .5 per Semester ($70 performance apparel fee- this is only a one time fee, not every year a student takes it)

This course is for the intermediate to advanced vocalist. The Advanced Choir is a part of the Vocal FX Choir. On various occasions throughout the year, Advanced Choir students compete and perform separately. Members must be able to sight-sing and have a solid grasp on singing harmony. Additional time is required out of the regular school day for rehearsals, performances, and competitions. This course may be taken a total of four times for credit.

WORLD LANGUAGE

Two Semester 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 Semesters
Credit: .5 per Semester

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, stem-changing, and reflexive 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 Semesters
Credit: .5 per Semester

This course is designed to be a continuation of Spanish I. Following a review of Spanish I grammar and vocabulary, students will continue to study the speaking, reading, writing, listening, and understanding of the Spanish language. Thematic lessons will include new vocabulary and grammar. The content will include the past tense verbs. 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 Semesters
Credit: .5 per Semester

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.

Honors Spanish IV (575 AA/575 BA)

Intended Grade Level: 11-12
Prerequisites: C+ or better in Honors Spanish III & teacher recommendation
Length of Course: 2 Semesters
Credit: .5 per Semester

This course may be eligible for dual enrollment credit. This course is designed to further enhance the student's knowledge of the Spanish language and build upon the skills learned in Spanish III. This course is for students who are serious about becoming fluent in Spanish. All instruction and activities will be conducted in Spanish. Emphasis will be placed on oral proficiency. The class will move at a fast pace and will go into more depth regarding grammatical concepts. Short stories and novels will be read and discussed. This class uses a college text.

PHYSICAL EDUCATION/HEALTH

One Semester Courses

PE/Health Boys
PE/Health-Girls
Athletic Physical Education

*** Purchase of a P.E. uniform is required.

One or Two Semester Courses

Lifetime Sports
Co-ed Strength Training
Advanced Co-ed Strength Training

PE/Health-Boys (735A and B)

Intended Grade Level: 9-10 Boys
Prerequisite: None
Length of Course: 2 Semesters
Credit: .5 per Semester

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 furnish appropriate gym clothing. The health portion of 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.

PE/Health-Girls (736A and B)

Intended Grade Level: 9-10 Girls
Prerequisite: None
Length of Course: 2 Semesters
Credit: .5 per Semester

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, exercise, and individual and team sports. The health portion of 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.

Athletic Physical Education (725A)

Intended grade level: 10-12
Prerequisite: Successful completion of PE and Health Boys/Girls
Length of course: 1 Semester
Credit: .5 Credits

Students may fulfill an elective credit graduation requirement upon successful completion of two varsity seasons of competition. Students must have first earned one credit by completing PE (.5 credit) and Health (.5 credit) before they may begin to accumulate their varsity seasons. Successful completion is defined as being academically eligible 75 % of the season, being able to physically practice/compete 75 % of the season, attending daily practices/games regularly, and complying with the Athletic Department training and conduct policy.

Lifetime Sports (708 A/B)

Intended Grade Level: 10-12
Prerequisite: Successful completion of PE Boys/Girls
Length of Course: 1 Semester or 2 Semesters ($20.00 Course Fee for the Semester)
Credit: .5 per Semester (This course may be taken one or two semesters.)
(Students may take this course a total of six semesters 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, wiffle 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.

Co-ed Strength Training (707 A/B)

Intended Grade Level: 10-12
Prerequisite: Successful completion of PE Boys/Girls
Length of Course: 1 Semester or 2 Semesters
Credit: .5 per Semester (Students may take this course a total of six semesters 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 includes a power-lifting competition and an Iron Man challenge. Cardiovascular and plyometric concepts will also be taught.

Co-ed Strength Training (711 A/B)

Intended Grade Level: 10-12
Prerequisite: Successful completion of PE Boys/Girls
Length of Course: 1 Semester or 2 Semesters
Credit: .5 per Semester (Students may take this course a total of six semesters 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.

Advanced Co-ed Strength Training (702 A/B)

Intended Grade Level: 10-12
Prerequisite: Successful completion of PE Boys/Girls and Weight Training I
Length of Course: 1 Semester or 2 Semesters
Credit: .5 per Semester (Students may take this course a total of six semesters for three credits.)

This course is designed for students who serious about lifting weights. The students will be setting up individual programs. This course includes a power-lifting competition and an Iron Man challenge. Cardiovascular and plyometric concepts will also be taught.

Career & Technical Education (CTE) (It's a *Practical* Art)

Communication Media Technologies

- Elements of Design *
- Graphic Design II *
- Photography II *
- Graphic Design III */Photography III *
- Digital Video Productions II/III
- Communication Media Technologies Internship IV

Business Management and Administrative Services

- BMAS I/II *

Nursing Services

- Health Careers I/II (seniors only)

Sports Medicine & Rehabilitation Services

- Sports Medicine I/II

Fashion Design & Merchandising

- Fashion Design & Merchandising I/II

ABOR Policy 2-121: Undergraduate Admission Requirements:

The Arizona Board of Regents made a policy change regarding undergraduate admissions for Arizona residents. The entrance requirement has been changed to one Fine Art **OR** one Career and Technical Education (CTE) credit. All CTE courses at FHHS meet the ABOR requirement.

Dual Enrollment: *Many of our CTE classes are dual enrollment, which means that a student may earn college credits while attending their high school courses. A student pays a separate fee to the community college and is then considered enrolled in both the high school course AND the corresponding college level course. No additional class work is needed to receive the college credits. This allows high school students to earn high school and college credit simultaneously!

COMMUNICATION MEDIA TECHNOLOGIES

Elements of Design I (668 A/B)

Intended Grade Level: 9
Length of Course: 2 Semesters
Credit: .5 per Semester (Students choose either Fine Art or Practical Art credit)
1 college credit (ART 100) can be earned through dual enrollment with Scottsdale CC. ($50 class fee)

Students will analyze careers in the media industry; learn about intellectual property rights; utilize computer applications including data imaging and transfer. In addition, students will express ideas and concepts (both visual and written) through the creation of projects that will utilize computer software (Adobe Creative Suites- Photoshop and Illustrator) and traditional drawing, painting, and sculptural mediums. This course is a prerequisite for Graphic Design II, Photography II, Video Productions II, and all visual art courses.

ADE/CTE approved program- ADE course title: Communication Media Technologies Fundamentals.

Graphic Design II (614 A/B) / Graphic Design III (622 A/B)

Intended Grade Level: 10 – 12
Prerequisite: Elements of Design I
Length of Course: 2 Semesters *GD III only:* (addt'l $25 co-curricular fee)
Credit: .5 per Semester (Students choose either Fine Art or Practical Art credit) ($50 class fee)
3 college credits each course (ART 169 and ART 183) can be earned through dual enrollment with Scottsdale CC.

This course is designed to further prepare students for employment in various graphic design, advertising, digital typesetting, illustration, and layout occupations. This course provides training in the fundamentals of graphic design, including computer-generated illustrations, image manipulation, computer graphics, advertising and poster layouts, hand lettering and typography. Students will use Photoshop, Illustrator, and InDesign, and will produce a portfolio of their work. Advanced (Level III) reinforces the concepts taught in Level II through project-based learning. A large portion of the Advanced class will involve 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. The student organization SkillsUSA will be integrated into the curriculum, and an end of program assessment will be given. Students are given the opportunities to develop leadership skills. *Upper level students in both Graphics & Photography can take 2D Advanced Placement Studio Art. The student will submit a portfolio to the College Board, and can earn up to six college credits based on their score. Advanced Placement courses are weighted.

ADE/CTE approved program- ADE course title: Graphic/Web Design I & II.

Photography II (606 A/B) / Photography III (608 A/B)

Intended Grade Level: 10 -12
Prerequisite: Elements of Design I
Length of Course: 2 Semesters *Photo III only:* (addt'l $25 co-curricular fee)
Credit: .5 per Semester (Students choose either Fine Art or Practical Art credit) ($50 class fee)

Three college credits each course (ART 142 and ART 177) can be earned through dual enrollment with Scottsdale Community College.

- Both fundamental and advanced digital imaging and camera operations and functions will be taught
- Need access to a digital camera (not a phone)
- Learn camera operations, studio photography and digital darkroom techniques and Adobe Photoshop
- Class consists of demonstrations, photo assignments, critiques and field trips
- Students will produce a professional photography portfolio
- Advanced (Level III) reinforces the concepts taught in Level II through project-based learning. Advanced levels will be photographing and designing the yearbook in addition to their other work.
- The student organization SkillsUSA will be integrated into the curriculum. Students are given the opportunities to develop leadership skills.

*Upper level students in both Graphics & Photography can take 2D Advanced Placement Studio Art. The student will submit a portfolio to the College Board, and can earn up to six college credits based on their score. Advanced Placement courses are weighted.

ADE/CTE approved program- ADE course title: Photography I & II.

Digital Video Productions II (654 A/B) / Digital Video Productions III (655 A/B)

Intended Grade Level: 10 – 12
Prerequisite: Elements of Design I
Length of Course: 2 Semesters
Credit: .5 per Semester ($50 class fee)

Get ready to create! Digital Video Production II is designed for you to learn the key elements in each of the three phases of video production. Starting with pre-production you learn scriptwriting and story boarding. During production you get hands on experience with cameras, shooting techniques,lighting and capturing audio both in a studio and on location. During post production you will edit your raw footage and sound using Adobe's Premier Pro and Apple's Final Cut Pro and learn how to format and deliver your video production to a client. Class projects may include Music Videos, Documentaries, Commercials, Video Pod Casts, Interviews, Instructional Videos,and PSAs. Teamwork skills are a necessity. The advanced course (DVP III) includes producing the school's video announcements. Here's your opportunity to pursue broadcast journalism and video for industrial and educational purposes. Develop a firm handle on scriptwriting/ storytelling, storyboarding, shooting video, editing and delivery to your target audience. You continue developing your fine teamwork skills acquired in DVP II by being cross-trained and rotated through different areas: Announcer, Camera, Director, Sound Manager, Screenwriter, field work for News Broadcasting or special productions for the School district. You will have the opportunity to produce a personal digital portfolio, which will include your video productions, scripts, storyboards, a resume with cover letter, and production photos. The student organization SkillsUSA will be integrated into the curriculum, and an end of program assessment will be given. Students are given the opportunities to develop leadership skills.

ADE/CTE approved program- ADE course title: Film & TV I & II

Communication Media Technologies Internship IV (626 A/B)

Students who have completed or are currently enrolled in a level III course in Graphic Design, Photography or Video Productions are eligible to participate in an internship opportunity. Students are required to work or volunteer an average of 3 hours 45 minutes per week (120 hours total in no fewer than 20 weeks), periodically meet with the internship instructor, and complete assigned projects.

NURSING SERVICES

Health Careers I (617 A/B) / Health Careers II (618 A/B)

Intended Grade Level: 12 (seniors only) ($50 class fee)
Length of Courses: 2 Semesters
Credit: 1 each Semester for a total of 2 credits.

The Health Careers Program is designed for seniors who are interested in pursuing health related careers. The two primary goals are that students are ready to assume an entry-level job in health care AND be prepared to move onto further education in a health care career. Students would enroll in both classes simultaneously (two elective periods) and complete the entire program in one year. Students who complete the two semesters will be eligible to take the Arizona Certified Nursing Assistant Exam pending completion of State Board Program requirements.
This program will cover topics such as, basic anatomy/physiology, medical terminology, basic activities of daily living care, taking vital signs, transferring patients, ethical and legal issues, nutrition and dietary needs, critical thinking, and problem solving. Students will also train to become health care provider CPR certified. During the second semester, after having extensive practicum practice in the classroom lab, students will have the opportunity to complete their clinical work in a variety of health care facilities in the area. The student leadership organization HOSA (Health Occupations Students of America) will be integrated into the program. Students will have opportunities to develop leadership and teamwork skills.
ADE/CTE approved program- ADE course title: Fundamentals of Nursing services and Nursing Services Advanced Applications

BUSINESS MANAGEMENT AND ADMINISTRATIVE SERVICES

BMAS I/BMAS II

Intended Grade Level: 11-12
Length of course: 2 Semesters
Credit: .5 per Semester

This course is recommended for students who have an interest in business and a desire to understand how

business works in today's global economy. This course prepares students with technical skills and knowledge related to the economics, management and administrative support functions of business, which cut across industries as well as develop knowledge and skills in applied research, business communications, principles of business law, public relations, information management, meeting planning and office supervisory skills. Leadership skills are developed through the state recognized Career and Technical Student Organization DECA.
*Pending board approval, GBS151 Intro to Business will be offered as dual enrollment college credit in BMAS II.
ADE/CTE approved program- ADE course title: Introduction to Business Mgt and Admin Services (I) & Basic Business Mgt and Admin Services (II)

FASHION DESIGN AND MERCHANDISING

Fashion Design & Merchandising I (680 A/B)/ Fashion Design & Merchandising II (656 A/B)

Intended Grade Level: 10-12
Prerequisites: Elements of Design. Drawing and Painting **STRONGLY** recommended. Intended for juniors and seniors.
Length of course: 2 Semesters
Credit: .5 per Semester ($50 class fee)

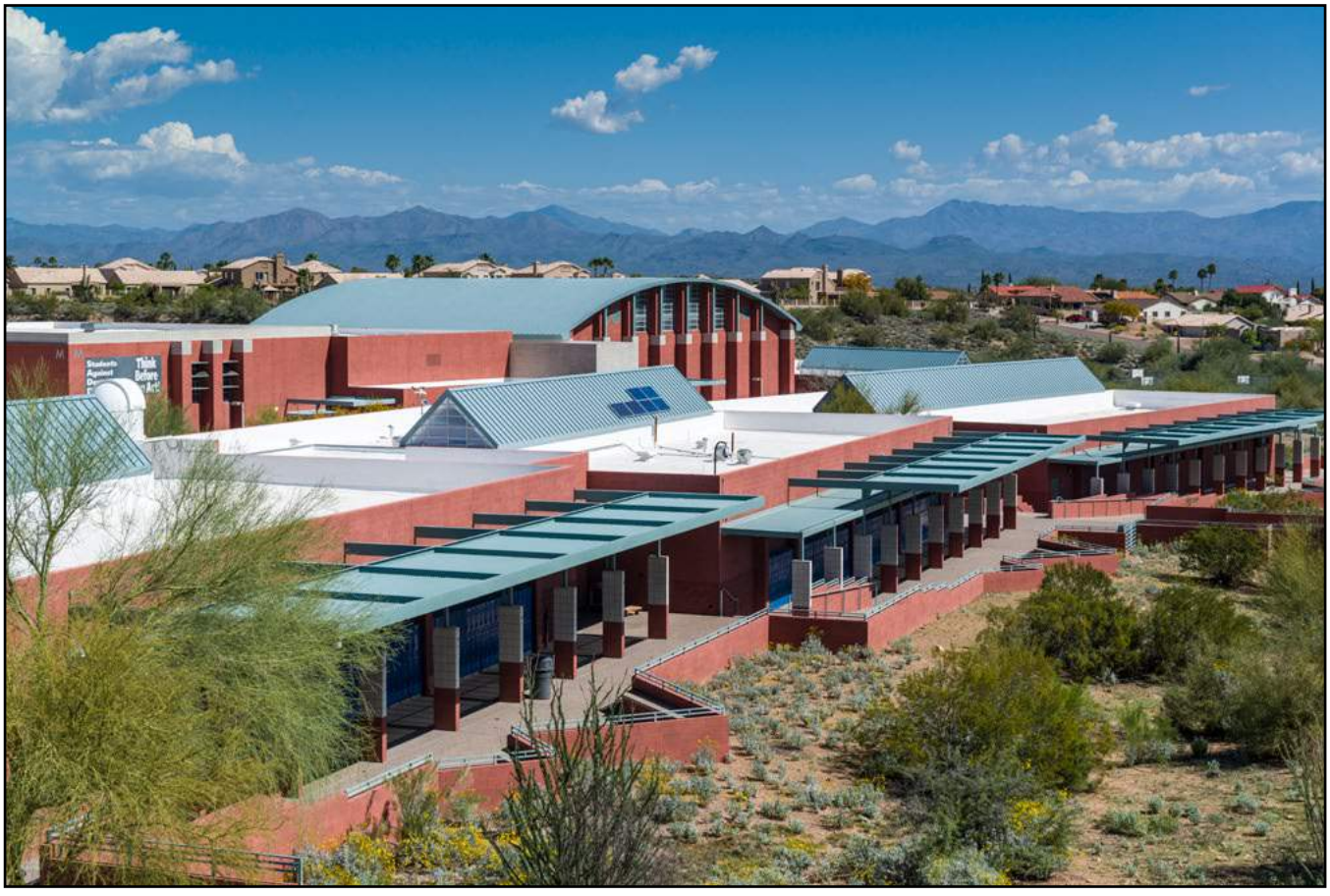
Fashion I is designed as an introduction to the world of Fashion Design and Merchandising. Students will study fashion history to learn about the origins of fibers, their classifications, and ideas of important designers. Students will incorporate elements and principles of design to create displays and learn to draw and color fashion croquis and fashion flats. Students will learn to read patterns and gain basic sewing skills through constructing a variety of garments. Students will research the various jobs in the fashion industry and compile a portfolio of sample work. Students will participate in the end of year fashion show. Fashion Design and Merchandising II students will work to acquire intermediate level sewing skills. Students will create garments in a variety of fibers and materials. They will learn to design their own pattern and ultimately design a collection for the end of year fashion show. Students will also select community based project to gain industry experience. Students will save work samples and create a portfolio of work. FCCLA Fashion club will be integrated into the program.
ADE/CTE approved program- ADE course title: Fundamentals of Design and Merchandising (I) & Fashion Design and Merchandising Applications (II)

SPORTS MEDICINE AND REHABILITATION SERVICES

Sports Medicine I/II

Intended Grade Level: 11-12
Prerequisites: None
Length of course: 1 or 2 Semesters
Credit: .5 per Semester

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 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. Students will also become CPR certified as part of the curriculum.
ADE/CTE approved program- ADE course titles: Fundamentals of Allied Health (I) & Sports Medicine and Rehabilitation Services(II)



Frequently Asked Questions

What is EVIT?

The East Valley Institute of Technology (EVIT) is a public career and technical education school providing nearly 40 occupational training programs tuition-free to district, charter school and home-schooled high school students who reside within the boundaries of 10 East Valley school districts - Apache Junction, Chandler, Fountain Hills, Gilbert, Mesa, Queen Creek, Scottsdale, Tempe, Higley and J.O. Combs. Classes are offered at two centralized campuses in Mesa - the Dr. A. Keith Crandell (Main) Campus, 1601 W. Main St., and the East Campus, 6625 S. Power Road - and at Apache Junction High School. Students spend a half-day at EVIT and the other half-day at their home high school. School districts provide bus transportation for their students to and from EVIT for most programs. Students must be at least 16 years old. Tuition-based programs for adults are also offered, with financial aid available.

EVIT's Mission

Our mission at the East Valley Institute of Technology is to provide a productive, technically-trained workforce that meets the market-driven needs of business and industry.

Business/Industry and College Articulation

EVIT offers many school-to-work options with participating businesses, including manufacturing, automobile dealerships, hospitals and many others. Advanced students may have opportunities in industry and community colleges in the form of job placement, apprenticeships, internships, cooperative education and college credit articulation.

Career & Technical Student Organizations

All EVIT students participate in a Career & Technical Student Organization. Membership in state and national clubs is encouraged:

SkillsUSA	Technical, skilled, and service careers
FCCLA	Family, Career, and Community Leaders of America
HOSA	Health Occupation Student Association
C-CAP	Careers in Culinary Arts Program
FEA	Future Educators Association

When do students register?

Students are encouraged to apply for EVIT programs during the spring semester prior to the year they plan to attend EVIT, but registration for classes is ongoing. EVIT registration opportunities are offered during regular high school registration, any time through the home high school or EVIT counseling offices or on EVIT.com. Each high school has at least one designated counselor with materials and information regarding EVIT registration. For more information, call 480-461-4000 or visit EVIT.com.

What is needed to register?

Students will need a copy of their transcript, the results of a recognized standardized test such as the Stanford 10 or AIMS if the student does not meet minimum program GPA requirement, and attendance and discipline records or a completed Attendance and Discipline Scoring Rubric. Incomplete applications will not be considered for admission.

How many credits can be earned?

A student can earn 3-4 credits per year at EVIT applicable toward graduation requirements in their home district. Students who miss ten (10) days or more during a semester and are unable to make up those days will receive a grade of "Audit" for the semester. Students who fulfill the graduation requirements from their home district earn a diploma from their home high school. Community college articulation and/or dual enrollment credit is available for high school students in many courses.

Do the credits from EVIT just count as electives?

Generally, credits earned at EVIT fulfill only elective credit requirements for graduation. Human Anatomy and Physiology for Medical Careers (MC10) also counts as a lab science, having been approved by the Arizona Board of Regents, the National Collegiate Athletic Association (NCAA) and the home high school districts as what is called an "embedded credit." It is recognized and accepted at all Arizona universities fulfilling the lab science entrance requirement. For the year-long course, students earn one (1) lab science credit and two (2) elective credits for a total of three (3) credits.

What time are classes?

Classes meet Monday through Friday from 8:05 to 10:35 a.m. or 12:05 to 2:35 p.m. Students have the option of attending the AM or PM session. They attend their home school during the other portion of the day. The class times for some programs, such as Cosmetology, may be extended to meet state certification requirements. All class times are subject to change.

Are there fees?

EVIT is tuition-free for high school students. Class fees vary by program and are based on the cost of required tools, supplies/materials and career and technical student organization (CTSO) membership.

Are classes at EVIT offered to adults?

Classes are available and open to adult students during the daytime, as space permits, and in the evening for some courses. Tuition is charged for adult students 22 years of age or older. High school graduates under 22 are eligible to attend EVIT tuition-free as "Young Graduates." For more information about the Young Graduates Program, please call (480) 461-4000. For more information about programs for students 22 or older, please contact the EVIT Adult Education Center at (480) 461-4028 or visit www.evit.com/adulted.

EVIT High School Program by Campus

Note: Subject to change or adjustment based on variety of factors such as student enrollment.

Course Code	Program Name	Main	East	AJ
DA10	3D Animation	X		
CS14	Aesthetics	X		
AM10	Automotive Technologies	X		
AV05	Aviation		X	
BK10	Banking	X		
BMS10	Behavior, Mental and Social Health Services		X	
IT20	Cisco Networking Academy	X		
AB10	Collision Repair	X		
CU20	Commercial Baking and Pastry Arts	X		
IT40	Computer Programming and Mobile App Design	X		
CT10	Construction	X		X
CS10	Cosmetology	X	X	
CU10	Culinary Arts	X		X
MC60	Dental Careers	X		
AM63	Diesel Technologies	X		
IT30	Digital Device Diagnostic and Repair	X		
CC10	Early Childhood Education	X		
ED10	Education Professions	X		
MC55	Emergency Medical Technician	X		
FIT10	Fashion, Interiors and Textiles	X		
FF10	Fire Science	X		
IT60	Future Engineers		X	
MM30	Graphic Design	X		
AC10	Heating, Ventilation and Air Conditioning (HVAC)	X		
MC10	Human Anatomy & Physiology for Medical Careers	X	X	
IT10	Information Technology & Engineering Careers (iTEC)	X		
MM10	Introduction to Multimedia Technologies	X		
LE10	Law Enforcement	X		
MT10	Machining Technology	X		
MA10	Massage Therapy	X		
MC20	Medical Assistant	X	X	
MC30	Nursing Assistant	X	X	
MC43	Pharmacy Technician	X		
MM20	Photography	X		
MC45	Physical Therapy Technician	X		
PLB10	Plumbing	X		
RB10	Radio/Audio Production	X		
IT50	Robotics Engineering	X		
MC44	Veterinary Assistant		X	
TV10	Video Production	X		
MM40	Web Design	X		
WD10	Welding	X		X

EVIT Center for Career Advancement

Director - Pauline Acosta
Main Campus: 480-461-4156 ● pmacosta@evit.com
High School, Young Grad & Adult Student Services

Registrar - Enna Post
Main Campus: 480-461-4109 ● epost@evit.com
High School, Young Grad & Adult
Course Scheduling, Grades, Transcripts, State & Internal Reports, Data Collection & Management, Bi-Lingual Services

Admission Specialist I - Amy Czarniak
Main Campus: 480-461-4110 ● aczarniak@evit.com
High School, Young Grad & Adult
General Advisement, Online Application Management, Student Records, Admissions Office Management
Special Projects: Cosmetology Rosters, Specialized Enrollment, Summer School Management

Admission Specialist I - Andrea Macias
Main Campus: 480-461-4108 ● amacias@evit.com
High School, Young Grad & Adult
General Advisement, Online Application Management, Student Records, Admissions Office Management
Special Projects: Attendance Management & Letters, Bi-Lingual Services

Counselor High School & Young Grad - James Martinez
Main Campus: 480-461-4159 ● jmartinez@evit.com
Automotive Technologies, Diesel Technologies, Collision Repair, Construction, Heating, Ventilation and Air Conditioning (HVAC), Information Technology and Engineering Careers (iTEC) Programs, Fire Science, Law Enforcement, Plumbing, Machining Technology, Welding, 3D Animation, Banking, Culinary Arts, Commercial Baking & Pastry Arts, Multimedia Programs, Radio/Audio Production, Video Production
Special Projects: Credit Recovery, Dual Enrollment, Scholarships

Counselor High School, Young Grad & Adult - Pauline Acosta
Main Campus: 480-461-4156 ● pmacosta@evit.com
All Health Sciences Programs: Massage Therapy, Human Anatomy & Physiology for Medical Careers, Medical Assistant, Nursing Assistant, Pharmacy Technician, Physical Therapy Technician, Emergency Medical Technician, Dental Careers, Behavior Mental & Social Health Services, Cosmetology, Aesthetics, Early Child Education, Education Professions, Fashion Interiors & Textiles (FIT)
Special Projects: McKinney-Vento, Non-Traditional Students

Counselor High School & Young Grad - David Pullman
East Campus: 480-308-4607 ● dpullman@evit.com
Aviation, Cosmetology, Future Engineers, Human Anatomy & Physiology for Medical Careers, Medical Assistant, Nursing Assistant, Veterinary Assistant
Special Projects: Dual Enrollment, Scholarships

Special Education

Special Education Counselor & IEP/504 Coordinator - Susan Chamberlain
Main & East Campus: 480-461-4154 ● schamberlain@evit.com
Special Projects: Keys to Success Foster Program, Behavioral Health, Social Services

Special Education Administrative Assistant - Sue Bangerter
Main Campus: 480-461-4155 ● sbangerter@evit.com
Special Projects: IEP/504 Accommodations Coordinator, Dress for Success Program & Services

Steps to Register a Student for EVIT

1. Students should familiarize themselves with the program curriculum and requirements. This can be done through the website, a campus tour or using this guide.

2. Students should be on a plan to graduate and allow for two and a half hours in their schedule per day to dedicate to EVIT.

   Morning session: 8:05 to 10:35 a.m.
   Afternoon session: 12:05 to 2:35 p.m.

   Please note: The session schedule may be subject to change. Cosmetology & Aesthetics have extended hours and meet from 7 -11 a.m. or 12-4 p.m. Students must provide their own transportation for these programs.

3. Students should be informed of the date EVIT counselors will be on their campus.

4. Students should have the following in hand when meeting with EVIT counselors:

   - **EVIT enrollment application with required signatures (high school counselor, parent)**
   - **Unofficial transcript**
   - **AIMS or other standardized test scores (If GPA is below program minimum)**
   - **Attendance and Discipline records (or rubric completed by home high school counselor)**
   - **Proof of age (may be on transcript)**
   - **Immunization records**


EVIT East Campus


EVIT Main Campus

Returning EVIT Students

Students who are returning for a second year will receive an EVIT returner form in their EVIT class. The EVIT Registrar then compiles lists of students planning to return to EVIT for the coming year and sends them to home schools.

Walk-In Registration

Please advise students who wish to enroll in an EVIT program on their own to bring the items listed above to the EVIT Registrar's office at 1601 W. Main Street in Mesa. The Registrar's office is typically open from 7:30 a.m. to 4 p.m., Monday through Friday. Students or parents should call ahead (480-461-4000) if they need to meet with a counselor.

Recruitment Office Contacts

Terri Pearson, Director of Recruitment
480-461-4153
tpearson@evit.com

Brittany Johnson, Recruitment Specialist
480-461-4035
bjohnson@evit.com

Victor McLeod, Recruitment Specialist
480-461-4034
vmcleod@evit.com

PLEASE NOTE: *Any student interested in programs at EVIT may submit an application for consideration. EVIT does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. EVIT has a policy of non-retaliation against any person who makes a complaint, testifies or participates in an investigation or civil rights proceeding regarding prohibited discrimination. EVIT will not request or consider IEPs, 504 Plans or other disability-related information in its admissions process. For "Seniors only" courses, students must have a grade 12 equivalent in academic credits.*

COMPUTER INFORMATION SYSTEMS

IT10 Introduction to Information Technology & Engineering Careers (iTEC) 2 semesters

This program prepares students interested in pursuing careers in Engineering and/or Information Technology by introducing them to many different aspects of current technologies: Local Area Networks, Computer Information Systems, Programming and Engineering. The curriculum is designed to provide students with a foundation in the first year after which they can specialize in a chosen career pathway their second year. This is the recommended prerequisite course to the following second year programs: Robotics Engineering, Mobile App & Computer Programming, Cisco Networking Academy and Digital Device Diagnostics & Repair.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including 1 Math and 1 English credit: both 'C' or better
2.0 GPA or equivalent standardized test scores

IT20 Cisco Networking Academy 2 semesters

Students in this course will be introduced to the computer-networking field. Instructors cover network terminology and protocols, communication fundaments in data networks and the Internet. Students study the Open Systems Interconnection (OSI) model, using a top-down approach, cabling and cabling tools, basic Cisco router, configuration, Ethernet technologies, Internet Protocol (IP) addressing and an overview of Internet Protocol version 6 (IPv6), basic configuring and testing of the network and network standards. The course prepares students for the Cisco Certified Entry Level (CCENT) examination. Students also learn the skills needed to pass the CompTIA Security+ Exams, which ensures that candidates will apply knowledge of security concepts, tools and procedures to react to security incidents; it ensures that security personnel are anticipating security risks and guarding against them.

Prerequisites: EVIT's Intro. to Information Technology and Engineering Careers (iTEC) course or equivalent education/experience
At least 6 high school credits, including at least 1 Math and 1 English credit: both 'C' or better
2.0 GPA or equivalent standardized test scores

IT40 Computer Programming and Mobile App Design 2 semesters

This program will prepare students interested in pursuing a career in computer programing or mobile application design. Students are challenged to develop computer programs in multiple formats for use in the robotics industry, computer information systems and mobile application design. They will also learn the skills necessary to communicate clearly, cooperate within teams, solve logistical problems and present findings. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design computer and mobile application programs using multiple platforms of the C++ language, including, EasyC, RobotC, ObjectiveC, X-Code, Swift and Java Script.

Prerequisites: EVIT's Intro. to Information Technology and Engineering Careers (iTEC) course or equivalent education/experience
At least 6 high school credits, including 1 Science credit: 'B' or better, 1 Algebra credit: 'C' or better, 1 Geometry credit: 'C' or better, 1 English credit: 'C' or better
2.0 GPA or equivalent standardized test scores

IT30 Digital Device Diagnostic and Repair 2 semesters

Learn the skills necessary to obtain ComTIA A+ Certification, an International industry credential for computer service technicians. Hands-on classroom training includes installation, configuration and upgrading of hardware and software. Students learn to maintain motherboards, processors and memory. They develop troubleshooting and basic networking skills. Students also learn how to repair devices such as iPads, iPhones, gaming consoles and many more.

Students participate in SkillsUSA and Arizona Students Recycling Used Technology (AZStRUT), which teaches valuable skills and provides quality refurbished computers to schools and non-profit organizations across Arizona.

Prerequisites: EVIT's Intro. to Information Technology and Engineering Careers (iTEC) course or equivalent education/experience
At least 6 high school credits, including 1 Math and 1 English credit: both 'C' or better
On track to graduate or a plan for graduation
2.0 GPA or equivalent standardized test scores

COMPUTER INFORMATION SYSTEMS

IT60 **Future Engineers** 2 semesters

This program will prepare students interested in pursuing an engineering related field. Students will be challenged to develop solutions to current engineering problems in environment and biomedical fields, develop skills in mechanical and electrical engineering and robotics technology. They will also learn the skills necessary to communicate clearly, cooperate within teams, solve mathematical, scientific and logistical problems and present findings. This program will introduce students to environmental challenges, biomedical uses of engineering, the use of mechanical and electrical engineering and how robotics will change the world in the future. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning.

Prerequisites: At least 6 high school credits, including 1 Science credit : 'B' or better, 1 English credit: 'C' or better, 1 Advanced Algebra credit: 'C' or better, and concurrent enrollment in another Math course
2.5 GPA or equivalent standardized test scores
Recommended: EVIT's Introduction to Information Technology and Engineering Careers (iTEC) course or equivalent education/experience

IT50 **Robotics Engineering** 2 semesters

This program prepares students interested in pursuing careers in robotics or engineering by providing the pre-engineering and robotics skills necessary for entry into postsecondary education programs. Students will be challenged to think critically, solve problems and apply technology-based tools effectively and safely. They will also learn the skills necessary to communicate clearly, cooperate within teams, solve mathematical, scientific and logistical problems and present findings. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design, build, communicate and operate robotic automation equipment.

Prerequisites: EVIT's Intro. to Information Technology and Engineering Careers (iTEC) course or equivalent education/experience
At least 6 high school credits, including 1 Science credit : 'B' or better, 1 English credit: 'C' or better, 1 Advanced Algebra credit: 'C' or better, and concurrent enrollment in another Math course
2.0 GPA or equivalent standardized test scores

HEALTH SERVICES

MC10 **Human Anatomy and Physiology for Medical Careers** 2 semesters

This course is designed for students interested in any health-related field and is highly recommended for students interested in advanced training at EVIT. Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in an organization for future health professional, HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities.

Prerequisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better
Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores

MC60 **Dental Careers** 2 semesters

Prepare for a dental career by learning about dental office operations such as instrument recognition and sterilization, radiography and laboratory processes, preparing patients for examinations and assisting with operational procedures. First semester, students concentrate on classroom learning, hands-on skills practice and job shadowing. During the second semester, skills and experience are gained through internships at local dental offices. Students are required to complete an internship. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to job shadowing or internship sites. Participation in the Health Occupations Student Organization (HOSA) is a requirement of the course.

Please note: Students may be randomly drug tested.

Prerequisites: Seniors who have taken EVIT's MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: 'C' or better
Juniors who have taken MC10 as Sophomores: 'C' or better
No criminal record
2.0 GPA or equivalent standardized test scores

HEALTH SERVICES

MC55 **Emergency Medical Technician** 2 semesters

People's lives often depend on the quick response and competent care of Emergency Medical Technicians (EMTs). Learn to recognize the signs and symptoms of illness and injury, assess and treat patients, administer oxygen and provide basic medical care. Training consists of coursework and hands-on experience designed to prepare students to administer immediate care, stabilization and immobilization of victims in emergency situations. Upon course completion, students are prepared to take state and national EMT examinations.

Please note: Students must be 18 years old by June 30 following course completion and a U.S. Citizen or legal resident to take certification exam. Students may be randomly drug tested.

Prerequisites: Seniors only who have taken EVIT's MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: 'C' or better
1 Algebra credit and 1 English credit: 'C' or better
No criminal record; 2.5 GPA or equivalent standardized test scores

MA10 **Massage Therapy** 4 semesters

Study Western and Eastern massage modalities, including Swedish, Sports, Chair, Hot Stone and Reflexology. Coursework also includes anatomy and physiology, pathology, hygiene, ethics and business practices. Students prepare for their state certification by completing 700 hours of hands-on training in the public clinic on campus and at community events. Students must be 18 years of age before applying for state licensure.

Please note: Students may be randomly drug tested.

Prerequisites: 2 English credits and Biology or MC10: 'C' or better
No criminal record
2.0 GPA or equivalent standardized test scores

MC20 **Medical Assistant** 4 semesters

Medical Assistants are educated and trained to perform administrative and clinical skills in a variety of settings, including doctors' offices, hospitals and clinics. Learn medical terminology, body systems, EKG, phlebotomy, autoclave, CPR and first aid, OSHA safety standards and other medical specialties. Gain an understanding of office procedures such as patient billing, medical records, purchasing and filing of insurance claims. Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability. Student must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG.

Please note: Students may be randomly drug tested.

Prerequisites: 2 Math credits and 2 English credits: all 'C' or better
No criminal record
Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores

MC30 **Nursing Assistant** 2 semesters

A Nursing Assistant works under the supervision of a nurse to provide daily basic care for patients in hospitals, physician's offices, private homes, clinics and assisted living facilities. First semester, learn CPR, anatomy and physiology, medical terminology, vital signs, hygiene, human reproduction, basic nutrition and patient care. During the second semester, students work in clinical settings to master the skills required for the state certification exam. Flexible hours are required and depend upon the availability of clinical sites. Weekend and/or extended days may be required. Student must provide their own transportation to the clinical sites. The Arizona State Board of Nursing requires proof of legal status to test for or renew certification or licensure.

Please note: Students may be randomly drug tested.

Prerequisites: Seniors who have taken EVIT's MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: 'C' or better
Juniors who have taken MC10 as Sophomores: 'C' or better
No criminal record; 2.5 GPA or equivalent standardized test scores

HEALTH SERVICES

2 semesters

MC43 Pharmacy Technician

Pharmacy technicians help licensed pharmacists prepare prescription medications, provide customer service and perform administrative duties. The first semester concentrates on basic health care concepts such as medical terminology, safety, customer service, problem solving and CPR. Students learn occupation specific skills during the second semester. This rigorous academic course requires a high level of independent study while learning procedures for receiving prescription requests, counting tablets and labeling bottles, along with administrative functions such as answering phones and stocking shelves. Students must be 18 years of age to job shadow in a pharmacy. Job shadowing requires reliable transportation and is the sole responsibility of the student.

Please note: Students may be randomly drug tested.

Prerequisites: Seniors who have taken EVIT's MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: 'C' or better
Juniors who have taken MC10 as Sophomores: 'C' or better
1 Math and 1 English credit: both 'C' or better
2.5 GPA or equivalent standardized test scores

MC45 Physical Therapy Technician 2 semesters

Physical therapist technicians or aides help therapists in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites.

Please note: Students may be randomly drug tested.

Prerequisites: Seniors only who have taken EVIT's MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: 'C' or better
1 Math and 1 English credit: both 'C' or better
2.5 GPA or equivalent standardized test scores

MC44 Veterinary Assistant 2 semesters

Prepare for a career in the veterinary field while learning the skills that will allow you to work with all creatures, large and small. Integrate your love for animals with medical knowledge such as taking radiographs, venipuncture, administering medications and vaccines, animal restraint, surgical preparation and surgical assisting, animal dentistry, laboratory procedures and general exams. During the first semester, students concentrate on classroom learning, hands-on skills and job shadowing. Second semester, students improve upon their skills through job shadowing and/or internships at local shelters, small and large animal practices and wildlife facilities. Students will be exposed to a variety of well and sick animals. Student must provide own transportation to job shadowing and/or internship sites. Flexible hours may be required depending upon clinical availability.

Please note: This class is only offered at the EVIT East Campus. Students may be randomly drug tested.

Prerequisites: Seniors who have taken EVIT's MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: 'C' or better
Juniors who have taken MC10 as Sophomores: 'C' or better
1 Math and 1 English: both 'C' or better
2.0 GPA or equivalent standardized test scores

BMS10 Behavior, Mental & Social Health Services 2 semesters

Prepare for a career in behavioral and/or social health as a behavioral or mental health technician. The certification can lead to job opportunities as a case manager, parent aide, family advocate, respite worker or paraprofessional counselor. Certified mental health technicians may work as part of a team to care for emotionally disturbed or mentally ill patients. There are job opportunities in public and private hospitals, nursing homes and residential mental health facilities. Duties may include coordinating mental health services, patient interviews, treatment documentation as well as helping patients with their personal needs. This two-semester program will provide foundations in care delivery systems, legal/safety requirements, introduction to basic mental and social illnesses, disorders and conditions as well as strategies and information about resources used to improve mental and social health.

Prerequisites: At least 6 high school credits, including 1 Math and 1 English credit
On track to graduate or a plan for graduation
2.0 GPA or equivalent standardized test scores

HUMAN SERVICES

CS14 **Aesthetics** 2 semesters (600 clock hours)

Specialize in the science of skin care and makeup application. Learn techniques for exfoliation, skin analysis, deep pore cleansing, specialized treatments, facials and waxing. Prepare to take the Arizona State Board of Cosmetology exam for Aestheticians after completing this 600 hour program.

Please note: Students attend class four hours each day and may be required to provide their own transportation.

Prerequisites: At least 10 high school credits, including 2 English credits
2.0 GPA or equivalent standardized test scores

CU20 **Commercial Baking and Pastry Arts** 2-4 Semesters

Learn the tools-of-the-trade and professionalism necessary to gain employment as a baker, pastry chef or business owner. Baking instruction focuses on making cookies, cakes, chocolate confections, tarts, breads and plated desserts. The class also advances to cake decorating, pastries, plate painting, individual desserts and wedding cakes. Students manage an on-site retail bakery and pastry shop to learn what it's like working in the industry and with the public. EVIT's Commercial Baking and Pastry Arts program is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores
Recommended: Foods I and/or Foods II or work experience in the field

CS10 **Cosmetology** 4 semesters (1,600 clock hours)

Imagine having a fun, high-paying job that lets you use your creativity to make people look good! Skills learned in cosmetology focus on the care of hair, skin and nails. Technical training includes the theory of chemicals and hair coloring, cutting, client safety, hygiene and customer relations. Second-year students provide services to the public in a working salon on the EVIT campus. After completing the 1,600-hour course, students are prepared to take the Arizona State Board of Cosmetology licensing exam.

Please note: Students attend class four hours each day and may be required to provide their own transportation.

Prerequisites: At least 10 high school credits, including 2 English credits
2.0 GPA or equivalent standardized test scores

CU10 **Culinary Arts** 2-4 semesters

Explore your passion for cooking while developing skills in all facets of the food service and hospitality industries. Training is provided in culinary arts (a la carte & quantity cooking), commercial baking and dining room operations. Students gain hands-on experience working special functions, breakfasts, luncheons and dinners in the culinary banquet hall. Students also have the opportunity to participate in culinary competitions and work with many of the top chefs and restaurants in the valley. EVIT's Culinary Arts program is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores
Recommended: Foods I and/or Foods II or work experience in the field

BK10 **Banking** 2-4 semesters

Prepare for a career in the banking industry, working in a bank branch, credit union and potentially as a bank executive. Students will learn the back-end and front-end operation of a bank or a credit union branch. Students will learn to analyze customer profiles and to sell bank products. The course includes both an in-class academic component, as well as a hands-on experience that includes the operation of an actual credit union branch under the supervision of banking professionals.

Prerequisites: At least 6 high school credits, including 2 Math and 1 English credit
On track to graduate or a plan for graduation
2.0 GPA or equivalent standardized test scores

HUMAN SERVICES

CC10 **Early Childhood Education** 2-4 semesters

Gain hands-on experience in an on-site lab school, operated by Bridges Preschool, while learning how to interact with young children and facilitate developmentally-appropriate activities. First-year students focus on early childhood philosophy, career opportunities and current issues in health, nutrition and special education. They also gain experience with classroom management and discipline techniques. During the second year, students select an internship program and research professional opportunities. This self-paced, performance-based program allows for advancement that meets individual academic needs. Qualified students have the opportunity to earn their Child Development Associate national certification upon completion of this program and the necessary requirements.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including Pre-Algebra: 'C' or better and English: 'B' or better
2.0 GPA or equivalent standardized test scores
Negative Tuberculosis test (all students tested in August)
No criminal record (Arizona State Law requires students to sign a criminal history verification form)

ED10 **Education Professions** 2 semesters

Identify philosophies and develop a leadership and teaching style. The college prep curriculum includes a survey study of the teaching profession and educational theories of learning. Conduct research, create lessons and present concepts. Participate in various job shadowing experiences.

Prerequisites: Seniors only
At least 6 high school credits, including Pre-Algebra: 'C' or better and English: 'B' or better
2.0 GPA or equivalent standardized test scores
Negative Tuberculosis test (all students tested in August)
No criminal record (Arizona State Law requires students to sign a criminal history verification form)

FIT10 **Fashion, Interiors and Textiles** 2-4 semesters

This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Learn about the elements and principles of design, fabrics and textiles, the use of color and texture, retail theory, visual merchandising, sewing and pattern making. Transform these skills into wearable garments, elaborate sets and window displays and participate in various EVIT events such as the annual Spring Fashion Show, Cosmetology Masquerade and Block of Dreams. Qualified students also have the opportunity to participate in job shadowing or internships during their second year of the program.

Please note: Dual enrollment for college credits is available.

Prerequisites At least 6 high school credits, including 1 Math credit and 1 English credit
2.0 GPA or equivalent standardized test scores

INDUSTRIAL & COMMERCIAL TECHNOLOGIES

CT10 **Construction** 2-4 Semesters

Learn to build a structure from the ground up! Develop hands-on skills in various disciplines of commercial and residential construction including electrical wiring, plumbing, masonry, framing, roofing, drywall and finish work. Students also gain an understanding of safety, the use of hand and power tools, blueprint reading, and estimating and construction operations. Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.

Prerequisites: At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores

INDUSTRIAL & COMMERCIAL TECHNOLOGIES

AC10 **Heating, Ventilation and Air Conditioning (HVAC)** 2-4 Semesters

The U.S. Bureau of Labor expects the nationwide demand for trained HVAC specialists to continue to grow due to advances in technology and an aging workforce. Learn the skills required to install, service and repair air conditioning, refrigeration and heating equipment in commercial and residential settings. Students in this program gain knowledge in electrical maintenance, wiring, appliance repair, installation of light and power equipment and repair of electronic controls and circuits. Internship and job shadowing opportunities are available.

Prerequisites: At least 6 high school credits, including 1 English credit and 1 Math credit: both 'C' or better
On track to graduate or a plan for graduation
2.0 GPA or equivalent standardized test scores

MT10 **Machining Technology** 2-4 semesters

The tooling and machining industry is the basis for all manufacturing and well-suited for people who like to work with their heads as well as their hands. Learn the set-up and operation of modern, manual and computerized tools used by machinists, die and mold makers and skilled professionals in the manufacturing industry. Develop leadership, management, quality control, business and customer relations skills while working towards national certifications. Students may have the opportunity to cross-train with other EVIT programs and participate in internships.

Prerequisites: At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores

PLM10 **Plumbing** 2-4 semesters

The U.S. Bureau of Labor expects the nationwide demand for trained plumbing specialists to continue to grow due to an aging workforce and advances in technology. Plumbers protect the health of nations. The expert training you will receive will prepare you for a new career as a highly paid skilled technician. Students will study customer communication skills, water distribution systems, drainage waste and vent systems, plumbing fixtures, potable water quality, water heating concepts and plumbing fixture installation.

Prerequisites: 1 Math and 1 English credit: both 'C' or better
On track to graduate or a plan for graduation
2.0 GPA or equivalent standardized test scores

WD10 **Welding** 2-4 semesters

Get fired up about a career in welding while working with a variety of materials such as mild steel, aluminum and stainless steel. Learn metal fabrication and entry level welding techniques to build or repair structures or products. Work on school and customer-related projects using OXY/FUEL cutting, PLASMA cutting, SMAW, GMAW and GTAW welding. This program has an outstanding job placement rate and offers paid internships for qualified students. Students have the opportunity to become members of the American Welding Society and test for industry certification.

Prerequisites: At least 6 high school credits, including 1 Math credit: 'C' or better
2.0 GPA or equivalent standardized test scores

MULTIMEDIA

DA10 **3D Animation** 2-4 semesters

Bring creative ideas to life by combining artistic skills and design techniques to develop 3D animation, modeling and gaming projects. Develop skills in storyboarding, character development, modeling, lighting and drawing using industry-specific software such as 3ds, Max, Maya and game engine. Second-year students specialize in video game design or animation, work with outside clients and participate in internships or externships to build strong industry resumes and credentials.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including 1 Math and 1 English credit
2.0 GPA or equivalent standardized test scores

MULTIMEDIA

MM30 Graphic Design 2 semesters

This program will prepare students interested in pursuing a career in Graphic Design through multimedia related fields. Students will be challenged to learn the principles of graphic design, line, shape, pattern, form and color theory. Typography along with digital Pre-Press and Copyright laws will be taught to ensure student success. Students will use Adobe Illustrator, Photoshop and InDesign to manipulate images in unique and creative formats to develop commercial art-related specification sheets (or specs.) for assignments and client based projects. Students work individually and in teams to create real-world projects, build digital portfolios and create portfolios and resumes.

Prerequisites: EVIT's Introduction to Multimedia course or equivalent course or experience
At least 6 high school credits, including 1 Science, 1 Algebra and 1 English credit: all 'C' or better
2.0 GPA or equivalent standardized test scores

MM10 Introduction to Multimedia Technologies 2 semesters

This program will prepare students interested in pursuing a career in digital photography and/or design-related field. Students will be challenged to utilize the latest digital photographic cameras, manipulate light, shadow and surrounding objects to capture images. Students will use Adobe Photoshop and Illustrator to manipulate the images in unique and creative formats. Students will work individually and in teams to create layouts, portfolios, etc. This course is the recommended prerequisite course to be taken prior to Graphic Design, Web Design or Photography.

Prerequisites: At least 6 high school credits, including 1 Science, 1 Algebra and 1 English credit: all 'C' or better
2.0 GPA or equivalent standardized test scores

MM20 Photography 2 semesters

This program prepares students interested in pursuing a career in a digital photography related field. Students will be challenged to utilize the latest digital photographic cameras and manipulate light, shadow and surrounding objects to capture images. Students use Adobe Photoshop and Illustrator to manipulate the images in unique and creative formats. Students work both individually and in teams to create layouts, portfolios, etc.

Prerequisites: EVIT's Introduction to Multimedia course or equivalent course or experience
At least 6 high school credits, including 1 Science, 1 Algebra and 1 English credit: all 'C' or better
On track to graduate or a plan for graduation
2.0 GPA or equivalent standardized test scores

RB10 Radio/Audio Production 2-4 semesters

EVIT's Radio/Audio Production program is home to KVIT, a fully functioning non-commercial radio station, run by students. KVIT features long and short form student-produced programming and commercial-free music. The students also work on the station website, develop apps, apply social media and assist with market research. The radio station is the center of the Radio/Audio Production program. Depending on their interest, students learn audio production, on-air performance, programming, copy writing, promotions and marketing, broadcast engineering, interview techniques and much more as they run KVIT.

Prerequisites: At least 6 high school credits, including 1 English credit: 'C' or better
2.0 GPA or equivalent standardized test scores

TV10 Video Production 2-4 semesters

Show off your creativity and explore the exciting process of video production in one of the largest green screen and production studios in Arizona. Learn all aspects of visual media productions, including film-making, event production, news, corporate event production, commercials, public service announcements (PSAs) and documentaries while using high-definition cameras. Students are also trained in animation, interactive video and web video production. Work with clients to produce various projects in a fully-equipped studio and audio bay while developing skills in editing, lighting, audio production and music creation.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including 1 English credit: 'C' or better and 1 Math credit: 'C' or better
2.0 GPA or equivalent standardized test scores

MULTIMEDIA

MM40 **Web Design** 2 semesters

This program prepares students with the skills necessary to be competitive in the web design industry. Students learn Design Theory and multimedia applications to develop web advertising and marketing materials. Upon completion of this course, students are proficient in creating, developing and publishing web design projects. Students work individually and in teams to create real-world projects. Students create their own individual web site promoting their design and photography capabilities that includes a portfolio page of images created in class. The curriculum includes training in a copyright laws and valuable applications that are commonly used in the industry, such as InDesign and Dreamweaver, in addition to other graphic arts tools.

Prerequisites: EVIT's Introduction to Multimedia course or equivalent course or experience
At least 6 high school credits, including 1 Science, 1 Algebra and 1 English credit: all 'C' or better
2.0 GPA or equivalent standardized test scores

PUBLIC SAFETY & SECURITY

FF10 **Fire Science** 2-4 Semesters

Prepare for employment in the fire service and learn how to protect, educate and serve the public. Gain experience through various hands-on training skills, including live fire training, search and rescue, high rise tower drills and operation of fire apparatus and equipment. The first year provides an overview of basic fire science fundamentals and the EMT program. Second-year students gain experience through physical training, team activities and demonstrations by local, state and federal agencies.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including 1 Algebra credit and 1 English credit: both 'C' or better
No criminal record
Biology and/or Chemistry (may be taken concurrently)
2.5 GPA or equivalent standardized test scores

LE10 **Law Enforcement** 2-4 Semesters

Prepare for a career in criminal justice or a law enforcement-related field. Training includes crime scene investigations, forensics, physical fitness, report writing, patrol procedures, tactical operations and interview skills. Gain a strong foundation for organization and operation of the criminal justice system, including police, courts, jails, prisons, probation and parole and community corrections agencies. This program operates like a police academy, including rigorous physical training to prepare students for employment, an advanced degree or the military.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including 1 Math credit and 1 English credit: 'C' or better
No criminal history
2.0 GPA or equivalent standardized test scores

TRANSPORTATION TECHNOLOGIES

AM10 **Automotive Technologies** **2-4 semesters**

Train for a career in the automotive industry through National Automotive Technicians Education Foundation (NATEF) certified instruction and Automotive Service Excellence (ASE) certified instructors. This program focuses on employment standards that prepare students for the workforce. Learn all aspects of auto repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model automobiles and participate in work-based internship and job shadowing.

Please note: Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including 1 English credit and Pre-Algebra: 'C' or better
2.0 GPA or equivalent standardized test scores

TRANSPORTATION TECHNOLOGIES

AV05 Aviation **2-4 semesters**

Explore the exciting world of aviation through classroom experiences and hands-on lab work. Learn about the history of aviation, job opportunities and "hands-on" skill sets require for careers in areas such as air transportation operations, air traffic control, airframe and power-plant maintenance, professional pilot, airport management and unmanned aircraft systems (UAS) operations.

Please note: This class is only offered at the EVIT East Campus. Dual enrollment for college credits is available.

Prerequisites: At least 6 high school credits, including Pre-Algebra
On track to graduate or a plan for graduation
2.5 GPA or equivalent standardized test scores

AB10 Collision Repair **2-4 semesters**

Learn the collision repair business from A-Z, including damage diagnosis (estimating), non-structural metal repair, structural repair, including set-up and measuring on frame equipment, paint preparation and refinish techniques with paint mixing, paint matching and blending procedures. Finish procedures will familiarize you with color sanding and buffing as well as detailing. This is Arizona's first National Automotive Technicians Education Foundation (NATEF) certified collision program. Students earn I-CAR credit hours as well as the opportunity to secure ASE (Automotive Service Excellence) certifications. Prepare for entry level jobs ranging from body or paint technician, parts procurement, production manager, insurance estimator or adjuster, paint or tool rep or salesperson and many more.

Prerequisites: At least 6 high school credits, including Pre-Algebra: 'C' or better
2.0 GPA or equivalent standardized test scores

AM63 Diesel Technologies **2-4 semesters**

The diesel and heavy equipment industry is one of the fastest growing fields in the transportation business today. Diesel mechanics work on a wide variety of diesel engines including those found in buses, trucks, RVs, bulldozers, cranes, farm tractors and trains. Students develop the skills needed for various positions in the industry through classroom and hands-on learning. Instruction is provided on cooling systems, starting and charging systems, engine lubrication, maintenance and repair and basic mechanical performance.

Prerequisites: Juniors and Seniors only
At least 1 English credit and Pre-Algebra: 'C' or better
2.0 GPA or equivalent standardized test scores
Recommended: Prior knowledge/experience with basic automotive repair