

Flowing Wells High School



2024-2025 Course Catalog



CONTENTS

CREDIT AND SCHEDULING INFORMATION

FWHS Graduation Options	2
Education Career and Action Plan (ECAP)	2
Course Load	2
Course Selections	2
Course Availability	2
Schedule Changes	2
Withdrawing from a Class	3
Grading Policy (IKA)	3
Replacement Grades	3
Credit Accepted towards FWHS Graduation Requirements from non-FWHS Classes (IKF-RA)	3
<i>Distance Learning Courses</i>	3
<i>Challenge Examinations</i>	3
<i>Out of District 7th and 8th Grade</i>	3
<i>Accredited Arizona Community College or University Courses</i>	3
<i>Credit Accepted from Flowing Wells Junior High Algebra I and Spanish 1-2</i>	4
<i>Summer School Courses</i>	4

ACADEMIC HONORS AND AWARDS

Distinguished Seniors	4
Gold Diploma	4
Arizona Academic Scholars	4
Arizona Seal of Biliteracy	4
Honor Rolls	4
National Honor Society	4

HONORS AND ADVANCED PLACEMENT (AP) COURSES

Honors Courses	5
Advanced Placement (AP) Courses	5
Weighted Grading Scale	5

UNIVERSITY ADMISSIONS AND NCAA INFORMATION

Arizona Public University Basic Admissions Requirements .	5
Out-of-State/Private University Admissions Requirements	5
NCAA Eligibility Requirements	5

ARIZONA REQUIRED ASSESSMENTS

ACT Aspire, ACT and AzSCI	6
Civics	6
CPR	6

PIMA JTED – A CAREER AND TECHNICAL EDUCATION DISTRICT

FWHS CTE/JTED Programs	7
Central CTE/JTED Programs	7

NON-DISCRIMINATION NOTICE

COURSE OFFERINGS CORE CLASSES

English	8
Mathematics	8
Science	8

Social Studies	8
Modern Language	8

COURSE OFFERINGS ELECTIVES

Career and Technical Education (CTE)	9
Fine Arts	9
Physical Education	10
Other Electives	10

COURSE OFFERINGS ADDITIONAL

Special Education	10
-------------------------	----

ZERO AND 7TH HOUR COURSES

Zero Hour	10
7 th Hour	10

COURSE DESCRIPTIONS

English	11
ELD	12
Mathematics	12
Science	13
Social Studies	15
Modern Language	16
Special Education	17
CTE Electives	18
Fine Arts Electives	26
Physical Education Electives	29
Other Electives	29

CONTACT INFORMATION

Where Potential Finds Opportunity

FWHS provides rigorous, relevant core courses, a rich variety of fine arts courses, career and technical education programs, and a wide array of extra-curricular activities, designed to create opportunities for students to explore interests, develop skills, and enhance their potential. We endeavor to bring out the best in every student, recognizing individual potential and creating opportunities for growth.

CREDIT and SCHEDULING INFORMATION

Flowing Wells High School provides comprehensive educational and extracurricular programs that will prepare students for their post-secondary goals and fully involve students throughout their high school career. It is important that students plan their four-year curriculum to take advantage of the scope and depth of the course offerings. College entrance requirements, job skill development, and special interests are included within the framework in the elective areas.

FWHS Graduation Options

Course	Blue Diploma	Arizona Scholar	Gold Diploma
English	4 credits	4 credits	4 credits – College Prep
Math	4 credits	4 credits	4 College Prep credits – Algebra I and beyond including a senior year class
Science	3 credits	3 credits of Lab Science	3 credits of Lab Science
Health	.5 credit	.5 credit	.5 credit
Social Studies	3.5 credits – World History, Economics, U.S. History, and U.S. Government	3.5 credits – World History, Economics, U.S. History, and U.S. Government	3.5 credits – World History, Economics, U.S. History, and U.S. Government
Language	1 credit, I level	2 credits, I and II levels	2 credits, I and II levels
CTE/Fine Arts	1 credit of either	2 total credits	1 credit of Fine Arts or CTE
Total and Other *Requirements	22 credits	22 credits – 2.0 GPA or better in all “scholar” courses	23 credits – 3.0 GPA or rank in top 1/4 of class

*See additional requirements under Arizona Required Assessments.

Graduating seniors are expected to complete a Free Application for Federal Student Aid (FASFA) or college application.

Education Career and Action Plan (ECAP)

Each student collaborates with a counselor and the career center counselor to develop an Education Career and Action Plan (ECAP) designed to assist in course selection, post-secondary educational plans, and career goals.

Course Load

Freshmen, sophomores, and juniors must be enrolled in six (6) classes. Seniors must be enrolled in a minimum of five (5) classes.

Course Selections

Students select courses after reading the course descriptions and restrictions:

- Some classes have **prerequisites**. A student may not enroll in a course unless the prerequisite course or courses have been successfully completed and all criteria met.
- Some classes have **grade-level** restrictions.
- A one-semester course is worth **.5 credit**. A full year course is worth **1 credit**. Once enrolled in a course, students are expected to complete the course.
- Courses that meet four-year college entrance requirements are designated as **college preparatory**.

Course Availability

At times, student course requests are not fulfilled because of:

- Class cancellation due to low enrollment.
- Class cancellation due to program needs.
- Class schedules are typically developed by seniority of grade—senior schedules first, then juniors, then sophomores, and finally freshmen. As a result, some freshmen may not receive their requested electives. Alternate courses are selected in the order listed by the student on the pre-registration sheet or by availability.
- Limited class enrollment due to facility constraints (for example, use of the weight room, computer room, or culinary arts kitchen). All courses, except those specifically noted, are yearlong commitments.

Schedule Changes

Every effort is made to place students in their first or second choice courses. Upon the first day of school, a student's schedule will not be changed without administrative approval. The FWHS administration reserves the right to change student schedules without parent permission to better balance class size, create a safer environment, or improve the education of the student and the educational climate of the school.

FWHS **does not** make schedule changes for the following reasons:

- The student prefers a different teacher.
- The student prefers a class with a friend.
- The student prefers classes in a different order.

FWHS **does** make changes for the following reasons:

- The student has already received credit for the same course.
- The student has completed a correspondence course or summer school course.
- The student has failed a class required for graduation.
- The student did not complete the appropriate prerequisite class.

Students requesting a schedule change must complete a *Schedule Change Request Form* for consideration. A request does not guarantee a schedule change.

Withdrawing from a Class

With administrative approval, a student may request to withdraw from a class within the first fifteen (15) days of the semester without any record on the transcript.

If the student withdraws from a class ten (10) or less days after the start of the semester, schedule change procedures apply.

If the student withdraws from a class eleven (11) or more days after the start of the semester, the student will be placed in an alternate class on audit status for the remainder of the semester.

Grading Policy (IKA)

A	Superior	90% - 100%
B	Good	80% - 89%
C	Average	70% - 79%
D	Poor	60% - 69%
F	Failure	0% - 59%

Grades for the semester are calculated by the following formula:

1st Quarter	2/5 of final grade
2nd Quarter	2/5 of final grade
Final Exam	1/5 of final grade

Replacement Grades

Students may retake any class once for **self-improvement** and receive elective credit for the retake. If the student’s second (retake) grade is higher than the first (original) grade, the student may submit a written request for a **replacement grade**. Then, the higher grade is recorded on the student’s transcript, followed by an “R” designating that the grade is a “replacement” grade. The replacement grade is averaged into the student’s grade point average (GPA) and the original grade is deleted from the student’s transcript and is not averaged into the student’s GPA. For example:

School Year	Class	Grade
2022-2023	Algebra I	C (original grade)
2023-2024	Algebra I	A-R (replacement grade)

Credit Accepted towards FWHS Graduation Requirements from non-FWHS Classes (IKF-RA)

Course transfers from schools fully accredited (excluding special purpose and distance-learning designations) by accrediting agencies as determined by the Superintendent – Courses are reviewed for acceptance as a core or elective credit, as determined by FWHS course offerings and graduation requirements.

Distance-Learning Courses (including correspondence and on-line courses) – Credit is limited by the rules of the Board of Education to four (4) credits, and only one (1) may be earned in each of the following subjects: English, social studies, mathematics, and science. Students **must** contact the Counseling Department for information on approved programs and registration procedures and complete a **Distance Learning Policy form** with their counselor before registering for a course. **Please note:** Seniors taking distance-learning classes to meet graduation requirements may not participate in commencement ceremonies with their class if the FWHS registrar does not receive a final transcript documenting a passing grade prior to commencement practices.

Certain courses require a challenge exam to earn credit on the high school transcript.

Challenge Examinations – A student may take a challenge examination for a particular course one (1) time only in an academic year. To receive graduation credit, the student must demonstrate accomplishment of the standards and competencies adopted by the State Board of Education and the Governing Board, respectively. Demonstration of accomplishment of the skills and competencies shall be determined in accord with accepted practices in evaluation of students. If the student scores seventy percent (70%) or higher on the examination, the course will be accepted as a core subject credit. The fee for each challenge test is \$35; this fee is waived if the academic credit for a course was previously earned in an Arizona online instruction course or at any public school in Arizona.

Out of District 7th and 8th grade – A student who completes an Algebra I or Spanish 1-2 course in the seventh (7th) or eighth (8th) grade will not receive FWHS credit.

Accredited Arizona Community College or University Courses – A student who completes a course in a core or elective subject at an accredited Arizona community college or university will receive credit at a rate of one (1) high school credit for each one (1) semester college or university course.

When offered, students may take college classes at an accredited Arizona community college or university for dual credit. Dual credit allows a student to receive course credit simultaneously at the college and FWHS. Students must consult with the FWHS Counseling Department before enrolling in a college course required for high school graduation. A senior who enrolls in a college class to meet

graduation requirements during the semester he/she plans to graduate **MUST** complete an **Early Grade Report Form** available in the FWHS Counseling Department. All college classes taken for dual credit are included in calculating the student's high school GPA.

Non-FWHS courses that are not accepted for credit as core subject credits are accepted for elective credit except religious study, study hall, and correspondence courses for which credit is not available. Grades for courses accepted for elective or core subject credit are not factored into a student's grade point average for class ranking purposes.

Credit Accepted from Flowing Wells Junior High Algebra I and Spanish 1-2 – A student will receive high school credit for Algebra 1 and Spanish 1-2 courses taken and passed during the student's enrollment at **Flowing Wells Junior High School**. If the student earns a passing grade of **D** or above in both semesters in such courses, the grades earned are posted on the student's high school transcript and shall be included in grade point average calculations as if the courses were taken during high school. If the student earns a failing grade in either semester of such courses, no credits are earned, and the student shall be required to complete the courses at high school. No grades will be assigned to the student's transcript until the courses are completed at the high school level. If the student earns a passing grade of *D* or above in both semesters in such courses and wishes to retake the courses to earn a higher grade, the student may retake the course at high school (procedures described in *Replacement Grades* section of this catalog.)

Summer School Courses – In addition to Flowing Wells High School Summer School, several local school districts also offer classes during the summer. Students must consult a FWHS counselor **prior** to non-FWHS summer school enrollment to ensure that the correct courses are selected and provided by a school that is fully accredited by approved accrediting agencies as determined by the Superintendent. For classes taken out of district, it is the student's responsibility to ensure an official transcript is sent to the FWHS Registrar immediately upon summer course work completion.

ACADEMIC HONORS AND AWARDS

Distinguished Seniors

A senior achieving 90 % or more on a scale based on grade point average, character, extra/co-curricular activities, community service, and leadership positions is recognized as a Distinguished Senior. Up to four Distinguished Seniors are invited to speak at Baccalaureate or Commencement.

Gold Diploma

Students earning the Flowing Wells High School gold diploma meet the basic eligibility requirements for enrollment in Arizona public universities.

Arizona Academic Scholars

An initiative of the Arizona Business and Education Coalition (ABEC), Arizona Academic Scholars designed to recognize students who complete a rigorous course of study. Students who successfully complete the Arizona Academic Scholars program receive a medallion.

English	4 credits
Math	4 credits (Algebra I, Algebra II, and College Algebra or higher)
Science	3 credits Lab Science
Social Studies	3.5 credits (World History, US History, US Government and Economics)
Foreign Language	2 credits of the same language
Fine Arts or CTE	1 credit of either

A student must earn a C or better in core courses AND meet all other district graduation requirements.

Arizona Seal of Biliteracy

Students who demonstrate proficiency in English on the AzM2, ACT, or AZELLA and proficiency in a language other than English on the Standards Based Measure of Proficiency (STAMP) exam may qualify for a Seal of Biliteracy on their diplomas.

Honor Rolls

A student who earns no grade lower than a C and maintains a 3.0 average for the quarter grading period is eligible for General Honor Roll.

A student who earns no grade lower than a B and maintains a 3.0 average for the quarter grading period will be eligible for Blue Honor Roll.

A student earning all A's, or a 4.0 average for the quarter grading period is eligible for Gold Honor Roll.

A student earning all A's and maintaining exceptional attendance for the quarter grading period is eligible for Platinum Honor Roll.

National Honor Society

Students in grades 10-12 who meet the requirements are eligible to be invited for membership. Qualifications for membership, based on the four pillars of NHS, are scholarship, service, leadership, and character.

HONORS and ADVANCED PLACEMENT (AP) COURSES

Flowing Wells High School is a self-select school; students who want to experience a higher-level thinking curriculum are eligible to enroll in all Honors and Advanced Placement Courses.

Honors Courses

Honors classes progress at a faster pace, provide a more rigorous curriculum, and have a more challenging workload than regular courses.

Advanced Placement Courses

Advanced Placement courses follow a nationally recognized curriculum designed to be college level. A comprehensive test is offered in each subject each spring where students may earn college credit. Each AP course has a fee associated to help offset the cost of the exam.

College credit is determined by each college or university and varies in the type and amount of credit. Students are strongly encouraged to contact the colleges and universities of their choice for information as to whether credit is given and if so, on the amount of credit available.

Some recent research indicates that students with high PSAT, ACT and SAT scores will do well on the Advanced Placement exams. The research indicates that these higher scores are better predictors of AP exam success than a student's GPA. Information about AP can also be found at <http://apcentral.collegeboard.com/> (the official AP website) For questions, please contact an AP/Honors teacher, a counselor, or an administrator.

Weighted Grading Scale (IKC)

Advanced Placement (AP) and Honors courses receive weighted grading in grade point average (GPA) calculations.

	Weighted (AP, Honors, and Bioscience II)	Unweighted (Standard high school courses)
A	4.5	4
B	3.5	3
C	2.5	2
D	1.5	1
F	0	0

UNIVERSITY ADMISSIONS and NCAA INFORMATION

Arizona Public University Basic Admissions Requirements

The college preparatory requirements for Arizona public universities include the following courses and high school credits:

- 4 credits college preparatory English
- 4 credits mathematics (Algebra I, Algebra II, Geometry, and advanced math for which Algebra II is a prerequisite)
- 3 credits lab science
- 2 credits social studies
- 2 credits of the same foreign language
- 1 credit fine arts or career and technical (CTE)

Out-of-State & Private University Admissions Requirements

Out-of-state and private colleges/universities often substantially vary in admission criteria. Interested students are strongly encouraged to contact schools directly regarding admissions requirements, application procedures, and deadlines.

National Collegiate Athletic Association (NCAA) Eligibility Requirements

A student athlete who hopes to participate in an intercollegiate sports program at a Division I or Division II school must graduate from high school and meet specific eligibility standards. Those standards are as follows:

1. Complete a minimum of 16 core courses for Division I or II.
2. Earn the minimum required grade-point average in core courses.
3. Earn a qualifying test score on either the ACT or SAT.
4. Request final amateurism certification from the NCAA Eligibility Center.

For Division I student-athletes, the following must be completed in addition to standards 1-4 listed above:

- Earn at least a 2.3 GPA in core courses.
- Meet an increase sliding scale standard (for example, and SAT score of 820 requires a 2.5 high school course GPA.
- Successfully complete 10 of the 16 total required core courses before the start of the seventh semester of high school. Seven of the 10 courses must be successfully completed in English, math, and science.

For Division II student-athletes, the following must be completed in addition to standards 1-4 listed above:

- Earn at least a 2.2 GPA in core courses.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II sliding scale, the test score and core-course GPA.

Division III schools set their own initial eligibility requirements.

Division I Requirements	Division II Requirements
Four (4) years of English	Three (3) years of English
Three (3) years of math, Algebra I or higher	Two (2) years of math Algebra I or higher
Two (2) years of science, one of which must be a lab course	Two (2) years of science, one of which must be a lab course
One (1) additional year of English, math, or science	Three (3) additional years of English, math, or science
Two (2) years of social science	Two (2) years of social science
Four (4) additional years of English, math, science, social science, foreign language, comparative religion, or philosophy	Four (4) additional years of English, math, science, social science, foreign language, comparative religion, or philosophy

For more information about NCAA eligibility, visit www.NCAA.org or contact the Athletics Department at (520) 696-8021.

ARIZONA REQUIRED ASSESSMENTS

ACT, ACT Aspire, and AzSCI

ACT Aspire (9th grade), ACT, and AzSCI (11th grade). These assessments measure how students are performing in reading, writing, mathematics, and science. Students are not required to achieve a passing score on these tests to graduate.

Civics

Students are required to pass a state-mandated civics test to meet graduation requirements.

CPR

Students are required to receive state-mandated cardiopulmonary resuscitation (CPR) training to meet graduation requirements.



Flowing Wells School District is a member of the Pima JTED, a Career and Technical Education District. Pima JTED offers premier, tuition-free CTE programs. Students may attend Pima JTED classes at a Central Campus, located throughout Pima County, or at a satellite location, located at public high schools in Pima County, Santa Cruz Valley, Nogales, and in Mammoth San Manuel. In partnership with business and industry, JTED provides career and technical education (CTE) programs that focus upon the educational and employment needs of Pima County. CTE/JTED courses provide training programs in a variety of career pathways, offer dual college credit (applicable courses only), promote industry certifications, and create work experiences in a variety of career fields.

Flowing Wells High School CTE/JTED Programs

AgriScience
Bioscience
Automotive Technologies
Culinary Arts
Digital Photography
Education Professions
Engineering
Fashion Design & Merchandising
Film & TV Production
Stagecraft

Central CTE/JTED Programs

FWHS students, grades 10 – 12 may also attend Central JTED programs. Contact www.pimajted.org for more information.

3D Animation/Virtual Reality & Game Design
Air Transportation/Uncrewed & Crewed Flight Systems
Automotive Technologies
Aviation Technology
Business Start-Up/Entrepreneurship
Community Health
Computer Aided Design (CAD)/Architectural Drafting
Computer Science/Information Technologies
Construction Technologies
Cosmetology
Culinary Arts and Nutritional Arts/Restaurant Management/Pastry
Cybersecurity & Artificial Intelligence
Early Childhood Education
Emergency Medical Technician
Engineering /Mechatronics & Design
Fire Service
Graphic Design
Health Care Foundations
Heavy Equipment Operations
Law, Public Safety & Security
Licensed Nursing Assistant (LNA)
Medical Assistant
Pharmacy Technician
Physical Therapy Technician
Project SEARCH
Robotics & Manufacturing
Social & Mental Health Technician
Veterinary Science
Welding Technologies

NONDISCRIMINATION NOTICE

FWSD is committed to a policy of nondiscrimination in relation to race, color, religion, sex, sexual orientation, gender identity, gender expression, age, national origin, and disability. This policy will prevail in all matters concerning staff members, students, the public, educational programs and services, and individuals with whom the Board does business.

El FWSD está comprometido a mantener las normas no discriminatorias basadas en la raza, color de la piel, religion género, orientación sexual, edad, origen nacional y discapacidades. Esta norma prevalecerá en todo momento con relación a miembros del personal, los estudiantes, el público, los programas y servicios educativos, e individuos con quienes la Junta Escolar tiene vínculos comerciales.

The Section 504 and Title IX compliance officer is:
Tabetha Finchum, Assistant Superintendent
1556 W. Prince Road, Tucson, AZ 85705
520-696-8822 | Tabetha.Finchum@fwusd.org

COURSE OFFERINGS core classes

Grade 9	Grade 10	Grade 11	Grade 12
ENGLISH			
English I	English II	English III American Literature <u>or</u> English III Science Fiction	English IV
Honors English I	Honors English II	AP English III Language and Composition	AP English IV Literature and Composition
Structured English Immersion (ELD)	Structured English Immersion (ELD)	Structured English Immersion (ELD)	Structured English Immersion (ELD)
MATHEMATICS			
Algebra I	Geometry	Algebra	Finance Math Quantitative Reasoning College Algebra Pre-Calculus AP Computer Science Principles
Geometry	Algebra II	Pre-Calculus AP Computer Science A	
Honors Geometry	Honors Algebra II	Honors Pre-Calculus AP Computer Science Principles	Quantitative Reasoning College Algebra AP Statistics AP Calculus A/B AP Computer Science Principles
Honors Algebra II	AP Computer Science A	AP Statistics AP Pre-Calculus AP Calculus A/B AP Computer Science Principles	
SCIENCE			
Physics Intro	Chemistry/Earth Science Biochemistry Honors Biochemistry	Biology Biotechnology I	Biotechnology II Anatomy AP Physics AP Biology AP Chemistry AP Environmental Science
Honors Physics Intro Honors Biliteracy Physics Intro	Honors Chemistry/Earth Science	Honors Biology AP Physics AP Biology AP Chemistry AP Environmental Science	
SOCIAL STUDIES			
World History		U.S. History	U.S. Government
Honors World History Honors Biliteracy World History		AP U.S. History	AP U.S. Government
		Economics*	
		AP Economics	
One semester course*			
MODERN LANGUAGE			
French I	French II	French III	
Spanish I	Spanish II	Spanish III	AP Spanish**
Spanish II	Spanish III	AP Spanish**	
**Students who demonstrate proficiency on the Standards Based Measure of Proficiency (STAMP) exam may qualify for a Seal of Biliteracy on their diplomas.			

COURSE OFFERINGS *electives*

Grades 9-12	Grades 10-12	Grades 11-12	Grade 12
CAREER AND TECHNICAL EDUCATION (CTE)			
AgriScience I	AgriScience II AgriScience Engineering I Mechanics & Welding I	AgriScience III AgriScience Engineering II Mechanics & Welding II	AgriScience IV
			AgriScience Internship
Automotive Technologies I	Automotive Technologies II	Automotive Tech III/IV Block	Automotive Tech Internship
	Biochemistry Honors Biochemistry	Biotechnology I	Biotechnology II Anatomy
			Biotechnology Internship
	Culinary Arts I	Culinary Arts II	
		Culinary Arts III	Culinary Arts Internship
Digital Photography I	Digital Photography II	Digital Photography III	Digital Photography Internship
Education Professions I	Education Professions II	Education Professions III	Education Professions IV
			Education Professions Internship
	Engineering I	Engineering II	Engineering Internship
Fashion Design & Merchandising I	Fashion Design & Merchandising II	Fashion Design & Merchandising III	Fashion Design & Merchandising IV
			Fashion Design & Merchandising Internship
Film and TV Production I	Film and TV Production II	Film and TV Production II	Film and TV Internship
	Graphic Design I	Graphic Design II	Graphic Design III
			Graphic Design Internship
Stagecraft I	Stagecraft II		Stagecraft Internship
			Work Experience/Internship
FINE ARTS			
Introductory Art	Advanced Art		
Concert Band	Wind Ensemble		
Band Pom Line			
Jazz Ensemble			
Beginning Orchestra			
Intermediate Orchestra			
Advanced Orchestra			
Introduction to Guitar			
Introduction to Piano			
Advanced Piano			
Caballero Chorus			
Bella Voce			
Concert Choir			
Choralaires			
Theater I	Theater II	Caballero Players	
Beginning Dance	Intermediate Dance		
Partner Dance	Advanced Dance		
Momentum Dance			
Pulse Dance			
Film History			

Grades 9 -12	Grades 10 -12	Grades 11-12	Grade 12
PHYSICAL EDUCATION ELECTIVES			
Basketball / Volleyball			
Sports Conditioning I	Sports Conditioning II		
	Health*		
Ultimate P.E.	Fitness, Wellness, and Applied Health*		
Walking 101			
Weight Training			
OTHER ELECTIVES			
Army JROTC I LD	Army JROTC II LD	Army JROTC III LD	Army JROTC IV LD
	Creative Writing		
AP European History			
AP Human Geography			
	Psychology*		
	AP Psychology		
		Translation & Interpretation I	Translation & Interpretation II
Student Government			
Yearbook			
	Cadet Teaching	Student Aide*	
		Work Experience/Internship	
one semester course*			

COURSE OFFERINGS additional

Grades 9 -12	Grades 10 -12	Grades 11-12	Grade 12
SPECIAL EDUCATION			
*English I	*English II	*English III	*English IV
*Algebra I	*Geometry	*Algebra II	
*Independent Living Skills (ILS)			
*Social, Emotional, and Adaptive Supports (SEAS)			
		*Transition Support	
		*Work Experience	

ZERO HOUR COURSES

ZERO HOUR
<i>Enrollment preference given to students with regular, consistent school attendance.</i>
JROTC Adventure Training (Raiders)

COURSE DESCRIPTIONS

ENGLISH

English I

This foundational English course focuses on strengthening reading, writing, and research skills. Emphasis will be on the Six Traits of Good Writing, a variety of reading comprehension strategies and will help prepare students for state testing.

Grade: 9

Prerequisite: None

Credit: 1 English credit, 2 semesters

Honors English I

This accelerated course focuses on developing critical analysis, enhancing writing skills, building vocabulary, and implementing multiple reading strategies in preparation for future advanced courses and state testing.

Grade: 9

Prerequisite: Commitment to the program

Credit: 1 English credit, 2 semesters

English II

This developmental English course focuses on strengthening reading, writing, and research skills. Emphasis will be on quality analytical writing and a variety of reading comprehension strategies. The class will help prepare students for state testing.

Grade 10

Prerequisite: English I or Honors English I

Credit: 1 English credit, 2 semesters

Honors English II

In this challenging course, students will study advanced writing skills, research writing, and advanced literary analyses. British literature is a focus. The class will help prepare students for state testing.

Grade: 10

Prerequisite: English I or Honors English I and commitment to the program

Credit: 1 English credit, 2 semesters

English III American Literature

This literature and writing course reflects the diversity of America in literature. The focus is on writing, rhetoric, and test preparation.

Grade: 11

Prerequisite: English II or Honors English II

Credit: 1 English credit, 2 semesters

English III Science Fiction Literature

The development of comparative, analytical writings and rhetoric in the Science Fiction genre is the focus of this literature and writing course. An emphasis is placed upon test preparation.

Grade: 11

Prerequisite: English II or Honors English II

Credit: 1 English credit, 2 semesters

AP English III Language and Composition

Students complete advanced analytical writing based on various forms of complex samples, including essays, speeches, and novels. The course prepares students for the Advanced Placement English examination and success in university English courses. A student may earn college credit and placement by taking the Advanced Placement examination administered by the College Board.

Grade: 11

Prerequisite: English II or Honors English II and commitment to the program

Credit: 1 English credit, 2 semesters

English IV Senior English

This survey literature course immerses students in a variety of challenging genres, themes, and styles. Through writing, students review the literature, form comparisons for analysis, and support writing perspectives. Analytic writing, construction, and deconstruction of themes across works, and evaluative writing prepare students for college-level courses.

Grade: 12

Prerequisite: English III (any)

Credit: 1 English credit, 2 semesters

AP English IV – Literature and Composition

In this challenging course, students complete advanced analytical writing based on various forms of complex literature, including poetry, short stories, drama, and novels. The course prepares students for the Advanced Placement English examination and success in university English courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grade: 12

Prerequisite: English III (any) and commitment to the program

Credit: 1 English credit, 2 semesters

ELD

English Language Development

ELD I

ELD II

ELD III

ELD IV

Two-hour English Language Development courses comprise the targeted component of the Structured English Immersion program. Students are enrolled in the two-hour course corresponding to their current English proficiency and previous ELD course completion.

Grades: 9 – 12

Prerequisite: Testing/District Policy

Credit: 1 English credit/1 elective credit, 2 semesters

MATHEMATICS

Algebra I

This is the basis for all subsequent high school math classes. This course focuses on linear and quadratic equations and their relevant applications.

Grade: 9

Prerequisite: None

Credit: 1 Math credit, 2 semesters

Geometry

This class offers a continuation of the Euclidean geometry concepts with a focus on reasoning and making mathematical arguments. Students explore connections between algebraic and geometric concepts in a problem-solving environment. Concepts include triangles, congruence and similarity, the coordinate plane, measurements of two and three-dimensional figures, and reasoning. Students explore, discuss, and write about mathematical processes.

Grades: 9 – 10

Prerequisite: Concurrent or prior enrollment in Algebra I

Credit: 1 Math credit, 2 semesters

Honors Geometry

Inductive and deductive reasoning skills are developed to enhance investigations of a geometric nature. Students study Euclidean geometry with connections to the coordinate plane. Students explore higher-level concepts such as proofs, trigonometric ratios, and complex measurements in two and three dimensions.

Grades: 9 – 10

Prerequisite: Concurrent or prior enrollment in Algebra I

Credit: 1 Math credit, 2 semesters

Algebra II

This course builds on the algebraic concepts mastered in Algebra I and advances algebraic understanding and application. In addition, this course introduces new subjects such as introductory trigonometry and rudimentary statistics. This course fully aligns with Arizona's College and Career Ready

Standards. ***This course incorporates graphical and complex computational instruction and requires a graphing calculator.*** Activities are incorporated to help students develop problem solving skills.

Grades: 10 – 11

Prerequisites: Algebra I and Geometry (may be taken concurrently with Geometry)

Credit: 1 Math credit, 2 semesters

Honors Algebra II

This course builds on the algebraic concepts mastered in Algebra I and advances algebraic understanding and application. In addition, this course will introduce new subjects such as introductory trigonometry and rudimentary statistics. This course fully aligns with Arizona's College and Career Ready Standards. ***This course incorporates graphical and complex computational instruction and requires a graphing calculator.*** Activities are incorporated to help students develop problem solving skills. This course is similar to Algebra II with enhanced activities and exercises.

Grades: 9 – 10

Prerequisites: Algebra I and Geometry (may be taken concurrently with Geometry)

Credit: 1 Math credit, 2 semesters

Finance Math

This course provides an algebra-based curriculum that focuses on financial topics such as investments, markets, consumer credit, budgets, taxes, business operations, independent living, and car/home ownership. Additional topics involving college algebra are provided throughout the year for assisting in college placement.

Grades: 11 – 12

Post-Algebra II Math Option

Credit: 1 Math credit, 2 semesters

Quantitative Reasoning

Students learn to think critically, solve problems, conceptualize large numbers, manage money, reason statistically, apply statistics, calculate probabilities, and risk assessments, use math to model periodic phenomenon, estimate areas and volumes, use perspective and proportions, and understand uses of math in politics.

Grade: 12

Prerequisite: Algebra II

Post-Algebra II Math Option

Credit: 1 Math credit, 2 semesters

College Algebra

This course is an in-depth review of algebra concepts taught in Algebra I and Algebra II. Activities enforce the skills necessary for Pre-Calculus at the college level. A brief review of basic algebra review followed by the study of various functions and finishes with sequences, series, and probability included.

Grade: 12

Prerequisite: Algebra II

Post-Algebra II Math Option

Credit: 1 Math credit, 2 semesters

Pre-Calculus

This course is an in-depth study of trigonometry and pre-calculus. Activities are incorporated to help develop the skills necessary for success in AP Calculus, AP Statistics, or other college level mathematics. A graphing calculator (TI-83 or TI-84) is needed to enhance student understanding and problem-solving skills.

Grades: 11 – 12

Prerequisite: Algebra II

Post-Algebra II Math Option

Credit: 1 Math credit, 2 semesters

AP Pre-Calculus

This course is an in-depth study of trigonometry and pre-calculus. Activities are incorporated to help develop the skills necessary for success in AP Calculus, AP Statistics, and other college level mathematics. This course is for students who enjoy math challenges. A graphing calculator (TI-83 or TI-84) is needed to enhance student understanding and problem-solving skills.

Grades: 11 – 12

Prerequisite: Algebra II or Honors Algebra II

Post-Algebra Math Option

Credit: 1 Math credit, 2 semesters

AP Statistics

This course addresses organizing data by looking for patterns and departures from patterns, producing data with samples, experiments, and simulations, probability as a foundation of inference, and explore inference in making conclusions with confidence. It prepares students for the Advanced Placement Statistics examination and success in university statistics courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grades: 11 – 12

Prerequisites: Algebra II or Honors Algebra II

Post-Algebra Math Option

Credit: 1 Math credit, 2 semesters

AP Calculus A/B

This course covers limits, derivatives, rates of change, integrals, and applications. The course prepares students for the Advanced Placement Calculus A/B examination and success in university calculus courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grades: 11 – 12

Prerequisite: Pre-Calculus or Honors Pre-Calculus

Post Pre-Calculus Math Option

Credit: 1 Math credit, 2 semesters

AP Computer Science

This course introduces students to the fundamentals of computer science. Topics include computer programming, digital information, network design, cybersecurity, and more. No prior computer science experience is required! This is an AP level class which means you can expect an increased workload

and an opportunity to earn college credit. The course prepares students for the Advanced Placement Computer Science examination and success in university computer science courses. College credit may be earned by taking the AP exam administered by the College Board.

Grades: 11 – 12

Prerequisites: Algebra II

Post-Algebra Math Option

Credit: 1 Math credit, 2 semesters

SCIENCE

Physics Intro

This introductory math-based science class is paired with Algebra I to provide support and reinforcement for students who may need additional assistance in math as the scientific process is explored through project-based active learning. This is a beginner-level science class with math support. Additional emphasis will include space science concepts and applications.

Grade: 9

Prerequisite: None

Credit: 1 Science credit, 2 semesters

Honors Physics Intro

This course covers the content of the Physics Intro course in greater depth and detail, and at a more rapid pace. It is a challenging course with higher expectations for outside studying, homework, and time management.

Grade: 9

Prerequisite: Commitment to the program

Credit: 1 Science credit, 2 semesters

Honors Biliteracy Physics Intro

This biliteracy track honors course, paired with Algebra I, is structured to integrate and support English and Spanish academic and content specific language development within a rigorous study of algebra-based physics. It covers the content of the Physics Intro course in greater depth and detail, and at a more rapid pace. It is challenging, with higher expectations for outside studying, homework, and time management.

Grade: 9

Prerequisite: Commitment to the program

Credit: 1 Science credit, 2 semesters

Chemistry/Earth Science

Students study the physical world, learn basic physical laws, and learn about science-oriented careers such as nursing, engineering, medicine, and psychology. This class includes active laboratory experiences. Strong math skills are necessary. Additional emphasis includes earth science concepts and applications.

Grade: 10

Prerequisite: Algebra I or concurrent enrollment

Credit: 1 Science credit, 2 semesters

Honors Chemistry/Earth Science

This course covers the content of the Chemistry/Earth Science course in greater depth and detail, and at a more rapid pace. It is a challenging course with higher expectations for outside studying, homework, and time management.

Grade: 10

Prerequisite: Algebra I or concurrent enrollment

Credit: 1 Science credit, 2 semester

Biochemistry

Biochemistry incorporates biology and chemistry. Chemistry is a physical science that deals with the makings of inorganic (non-living) and organic (living) matter. While emphasis is on organic material, the foundation of the course is inorganic chemistry. It incorporates the essential standards from both chemistry and earth & space science as well as standards from Bioscience I.

Grade: 10

Prerequisite: Physics Intro or concurrent enrollment

Credit: 1 Science/CTE credit, 2 semesters

Honors Biochemistry

This course covers the content of the Biochemistry course in greater depth and detail, and at a more rapid pace. It is a challenging course with higher expectations for outside studying, homework, and time management. Individual participation in the science fair is required, as well as an end-of-year research project.

Grade: 10

Prerequisite: Physics Intro or concurrent enrollment

Credit: 1 Science/CTE credit, 2 semesters

Biology

The course covers the nature of life and cells, the DNA-RNA-protein basis of life, genetics, evolution and natural selection, and the division and organization of life on Earth. Individual or group participation in the science fair is required.

Grades: 11 – 12

Prerequisites: Physics Intro and Chemistry/Earth Science

Credit: 1 Science credit, 2 semesters

Honors Biology

This course covers the content of the Biology course in greater depth and detail, and at a more rapid pace. It is a challenging course with higher expectations for outside studying, homework, and time management. Individual participation in the science fair is required, as well as an end-of-year research project.

Grades: 11 – 12

Prerequisites: Physics Intro and Chemistry/Earth Science

Credit: 1 Science credit, 2 semesters

Biotechnology I

Students will learn molecular lab techniques such as micro-pipetting, DNA extraction, DNA amplification, and visualization of DNA on electrophoresis gels to investigate authentic research questions. Students will learn how to prepare DNA for sequencing and how to interpret DNA sequences; learn how to

grow and work with bacteria and other microorganisms using sterile techniques; and learn how to clone genes and introduce genes into bacteria. Students will acquire skills needed to pursue higher education in science or to enter the industry workforce in careers related to Biotechnology. *Dual enrollment credit is available for MCB101 at the University of Arizona for students continuing to Biotechnology II.*

Grades: 11 – 12

Prerequisite: Biochemistry

Credit: 1 Science/CTE credit, 2 semesters

Biotechnology II

Students will further develop skills learned in Biotechnology I through investigations that utilize advanced techniques to analyze DNA and proteins from microorganisms and model research organisms. There is an independent research component to this class. Students will generate and frame a scientific question, design an experiment to answer that question, collect and analyze data, and learn the fundamentals of communicating their data through graphs and written conclusions. Students may have opportunities to collaborate with a research lab to conduct authentic research-based projects in the community as well. *Dual enrollment credit is available for MCB102 at the University of Arizona.*

Grades: 12

Prerequisite: Biotechnology I

Credit: 1 Science/CTE credit, 2 semesters

Anatomy

This course includes topics in advanced human anatomy, disease analysis and basic medical terminology. Explored topics are medical ignorance, cells and tissues, skeletal system, muscular system, cardiovascular system, respiratory system, reproductive system, nervous system, endocrine system, lymphatic system, digestive system, urinary system, and the integumentary system. Laboratories and dissections as well as biology standards are incorporated into the class.

Grade: 12

Prerequisite: None

Credit: 1 Science/CTE credit, 2 semesters

AP Physics

In this algebra-based course, students learn about the foundational principles of physics as they explore Newtonian mechanics; work, energy, and power; mechanical waves and sound; and simple circuits. Hands-on laboratory work will be used to investigate phenomena. It prepares students for the Advanced Placement Physics examination and success in university physics courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grades: 11 – 12

Prerequisites: Geometry and concurrent enrollment in Algebra II or higher math

Credit: 1 Science credit, 2 semesters

AP Biology

This rigorous lab course covers cell and molecular biology, genetics, evolution, ecology, and anatomy/physiology. The course prepares students for the Advanced Placement Biology examination and success in university biology courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grades: 11 – 12

Prerequisites: Physics Intro and Chemistry

Credit: 1 Science credit, 2 semesters

AP Chemistry

This rigorous lab science course covers the fundamentals of chemistry. Topics include the structure of matter, states of matter, reaction types, stoichiometry, kinetics, equilibrium, and thermodynamics, emphasizing chemical calculations and the mathematical formulation of principles. It prepares students for the Advanced Placement Chemistry examination and success in university chemistry courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grades: 11 – 12

Prerequisites: Chemistry and Algebra II (or concurrent enrollment in Algebra II)

Credit: 1 Science credit, 2 semesters

AP Environmental Science

This course provides in-depth knowledge about and analysis of the relationship between humans and the natural world. It teaches scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify, and analyze environmental problems both natural and human-made, evaluate the relative risks, and examine alternative solutions. It prepares students for the Advanced Placement Environmental Science examination and success in university environmental science courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grades: 11 – 12

Prerequisite: Algebra I or concurrent enrollment

Credit: 1 Science credit, 2 semesters

SOCIAL STUDIES

World History

This course examines the political, economic, cultural, and social histories of people around the world. Students learn about the story of the human community.

Grade: 9

Prerequisite: None

Credit: 1 World History credit, 2 semesters

Honors World History

This is an accelerated college preparatory world history course. The course takes an in-depth look at cultural development through world history and geography. Students

learn skills that enable them to be successful in advanced level social studies courses.

Grade: 9

Prerequisite: None

Credit: 1 World History credit, 2 semesters

Honors Biliteracy World History

This biliteracy track honors course is structured to integrate and support English and Spanish academic and content specific language development within a rigorous study of world history. This accelerated college preparatory world history course takes an in-depth look at cultural development through world history and geography. Students learn skills that enable them to be successful in advanced level social studies courses.

Grade: 9

Prerequisite: None

Credit: 1 World History credit, 2 semester

U.S. History

This class is an-depth study of U.S. history from pre-history to the present. Students creatively explore various themes in U.S. history and examine major social issues.

Grade: 11

Prerequisite: None

Credit: 1 U.S. History credit, 2 semesters

AP U.S. History

The study of the history of the United States, from the age of discovery to the twenty-first century, is the focus of this course. The background of the U. S., including native, minority, and European cultures, slavery, industrialization, and modern growth will be explored through various historical thinking skills. The course prepares students for the Advanced Placement U.S. History examination and success in university U.S. History courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grade: 11

Prerequisite: None

Credit: 1 U.S. History credit, 2 semesters

Economics

Economics emphasizes the study of the theoretical aspects of the capitalistic economics system. It surveys other economic systems in the world, compares them with our economic system, and defines the role of the private citizen functioning within these systems.

Grades: 11 – 12

Prerequisite: None

Credit: ½ Economics credit, 1 semester

AP Economics

This yearlong course studies: microeconomics -- the choices made by individuals, households, companies, and markets; and macroeconomics – the behavior of the national economy and international trade. The course prepares students for the Advanced Placement Economics examination and success in university economics courses. A student may earn college

credit by taking the Advanced Placement examination administered by the College Board.

Grades: 11 – 12

Prerequisites: Algebra I and Geometry or concurrent enrollment

Credit: ½ Economics credit/½ Elective credit, 2 semesters

U.S. Government

This class gives students a functional understanding of our three government branches at the local, state, and national levels. The relevance of government studies, through the study of current events, is highlighted.

Grade: 12

Prerequisite: None

Credit: 1 U.S. Government credit, 2 semesters

AP U.S. Government

Students investigate and analyze issues and challenges in government. Students learn skills to arrive at conclusions based on informed judgment and to present reasons and evidence clearly and persuasively in an essay format. The course prepares students for the Advanced Placement U.S. Government examination and success in university U.S. government courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grade: 12

Prerequisite: None

Credit: 1 U.S. Government credit, 2 semesters

MODERN LANGUAGE

French I

This course introduces, develops, and improves the four basic skills of listening, reading, writing, and speaking necessary to communicate in French in the present tense. Students learn customs, culture, and history of French-speaking people.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Language credit, 2 semesters

French II

This course reviews basic vocabulary and the present tense verb conjugation. It introduces the past tense and various object pronouns. Students develop a more intense working knowledge of the spoken and the written language.

Grades: 10 – 12

Prerequisite: French I

Credit: 1 Language credit, 2 semesters

French III

This course is for students who are serious in pursuing a more in-depth study of the French language and increasing their literature knowledge. Skits and oral presentations are required. Students read novels and novel excerpts in the target language. Students study the indicative tense, the imperative tense and use the subjunctive mood. While increasing their

knowledge of vocabulary, the students read, discuss, and write about various themes and topics in French. Emphasis is on intermediate-level oral language and literacy.

Grades: 10 – 12

Prerequisite: French II or Challenge Exam

Credit: 1 Language credit, 2 semesters

Spanish I

This course will introduce and develop the four basic skills of listening, reading, writing, and speaking necessary for students to communicate in Spanish in the present tense. The student will become acquainted with the customs, culture, and history of Spanish-speaking people throughout the world.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Language credit, 2 semesters

Spanish II

This course reviews basic vocabulary and present tense of verbs from Spanish 1-2. It introduces preterit and the imperfect verb tense, object pronouns, and additional vocabulary. The student develops a deeper knowledge of both spoken and written Spanish. Customs, culture, and history of Spanish-speaking people throughout the world are explored.

Grades: 10 – 12

Prerequisite: Spanish I

Credit: 1 Language credit, 2 semesters

Spanish III

This course is for the student who is serious in pursuing a more in-depth study of the Spanish language and of the Spanish-speaking world. There are numerous skits and oral presentations. In addition to reviewing the knowledge gleaned from Spanish II, students complete their study of the indicative tense and learn how to form the imperative tense and use the subjunctive mood. While increasing their knowledge of vocabulary, the students read, discuss, and write about various themes and topics in Spanish. The emphasis is on oral presentations.

Grades 10 – 12

Prerequisite: Spanish II or Challenge Exam

Credit: 1 Language credit, 2 semesters

AP Spanish

This course is for the student of Spanish who is intent on pursuing an in-depth study of the Spanish language. This course is centered on six global themes and includes research, debates, formal and informal presentations, improvisation, heavy and rich vocabulary, and reading classic Latin American literature. The course prepares students for the Advanced Placement Spanish examination and success in university Spanish courses. A student may earn college credit by taking the Advanced Placement examination administered by the College Board.

Grades: 11 – 12

Prerequisite: Spanish III

Credit: 1 Language credit, 2 semesters

SPECIAL EDUCATION

The Exceptional Student Services Department offers specialized instruction in English, math, social studies, and science courses to meet students' individual needs. Career exploration/preparation, vocational evaluations, and work experience opportunities are available for students who qualify as set forth by P.L. 94-142. Contact Exceptional Student Services at 696-8836 for specific information.

***English I**

This course is designed to incorporate specifically designed instruction, according to students' Individual Education Plans (IEPs), using a modified Freshman English curriculum to build reading and writing skills. Teaching strategies will incorporate a phonetic and language-based approach in the areas of word recognition, reading comprehension, vocabulary development, written expression, and reading for enjoyment. Instructional methods will utilize small group and individually paced instruction.

Grades: 9 – 12

Prerequisite: Special Education placement

Credit: 1 English credit, 2 semesters

***English II**

This course is designed to incorporate specifically designed instruction, according to students' Individual Education Plans (IEPs), using a modified Sophomore English curriculum. The students improve their reading, writing, and communication skills, produce research papers, and demonstrate the ability to work cooperatively. Students practice reading skills through a variety of reading strategies used to improve comprehension. Teaching methods utilize small groups and modified pace instruction.

Grades: 9 – 12

Prerequisite: Special Education placement

Credit: 1 English credit, 2 semesters

***English III**

This course is designed to incorporate specifically designed instruction, according to students' Individual Education Plans (IEPs), using a modified Junior English curriculum. Teaching strategies incorporate a blended reinforcement in vocabulary acquisition, reading comprehension, written expression, and test preparation. Teaching methods utilize small group and individually paced instruction covering modified curriculum and pace from Junior American Literature.

Grades: 11 – 12

Prerequisite: Special Education placement

Credit: 1 English credit, 2 semesters

***English IV**

This course is designed to incorporate specifically designed instruction, according to students' Individual Education Plans (IEPs), using a modified Senior English curriculum. The class focuses on high-level and real-world application of reading and writing skills. They will practice analytical skills in both

literature and non-fiction texts and writing will cover essays, research presentations and speeches. Students will focus on their individual improvement in reading and writing to prepare for life after high school as well as skills in self-regulation and personal accountability. They will practice professional deportment and communication. Teaching strategies include small groups and individually paced instruction.

Grade: 12

Prerequisite: Special Education placement

Credit: 1 English credit, 2 semesters

***Algebra I**

This course is the basis for all subsequent high school math classes. The focus is on linear and quadratic equations.

Grades: 9 – 12

Prerequisite: Special Education placement

Credit: 1 Math credit, 2 semesters

***Geometry**

This course introduces more complex math skills and problems to prepare students for life after high school. The curriculum addresses skills required to prepare for district and state testing.

Grades: 10-12

Prerequisite: *Algebra I and Special Education placement

Credit: 1 Math credit, 2 semesters

***Algebra II**

This course advances algebraic understanding and application. Activities are incorporated that help students develop problem solving skills.

Grades: 11– 12

Prerequisites: *Algebra I and *Geometry and Special Education placement

Credit: 1 Math credit, 2 semesters

***Independent Life Skills Reading**

***Independent Life Skills Writing**

***Independent Life Skills Social Studies/Science**

***Independent Life Skills Math**

The purpose of this course is to teach students skills needed to live as independently as possible. Instruction is included in the following areas: food preparation/cooking use of public transportation, job skill training, social skills development, domestic skills, hygiene, recreation/leisure skills, and academics. Instructional methods include one to one/small group instruction as well as community-based instruction.

Grades: 9 – 12

Prerequisite: Special Education placement

Credit: 1 Required credit, 2 semesters

***SEAS Support**

Students develop communication skills, problem-solving abilities, self-esteem, work/study, and vocational skills. Students participate in weekly group discussions.

Grades: 9 – 12

Prerequisite: Special Education placement

Credit: 1 Elective credit, 2 semesters

*Transition Support

Students develop knowledge and skills to successfully transition from high school to work or post-secondary education and develop skills in the areas of adult and daily living, community experience, career and employment, post-secondary education and learning, disability awareness, financial and consumer awareness. Students gain employment skills by working in a school-based, student-run business.

**Economics requirement met through this course.*

Grades: 11 – 12

Prerequisite: Special Education placement

Credit: ½ Economics Credit/ ½ Elective credits, 2 semesters

*Work Experience

Work experience is an employment class designed to develop job skills and attitudes that best prepare for successful employment and that meet the needs of the community employers. Regular meetings with the teacher and completed work-related assignments are required. Up to two credits may be earned. A minimum of 125 hours is required.

Grades: 11 – 12

Prerequisites: Special Education placement and Service Coordinator recommendation

Credit: ½ Elective credit for 5-14 hours per week per semester

CTE ELECTIVES



AgriScience I

This is a hands-on introduction to the basic concepts in agriculture. Students explore the foundations of FFA and agricultural careers, develop basic workplace skills and public speaking skills through learning of the FFA Creed, and basic parliamentary procedures. Topics include laboratory safety, plant and animal science, nutrition, environmental science, and natural resources.

Grades: 9 – 11

Concurrent enrollment in Physics Intro

Credit: 1 CTE credit, 2 semesters

AgriScience II

The focus of this course is the operation of a high-tech, state-of-the-art greenhouse. Students engage in basic greenhouse operations including organic greenhouse production and hydroponic plant care (seeding and planting to harvesting and marketing.) Students study plant nutrition, pest management, and basic agricultural mechanical skills. Students participate in various FFA events and are required to maintain an SAE project and an electronic record book.

Grades: 10 – 12

Prerequisite: AgriScience I

Credit: 1 CTE credit, 2 semesters

AgriScience Engineering I

Students learn about the application of mathematics, physical and biological science, and engineering to agriculture, food systems, energy, natural resources, the environment, and related biological systems with emphasis on environmental protection and the biological interface of plants, animals, soils, and microorganisms. Aviation assistance, such as drone monitoring, is a part of this course.

Grades: 10 – 12

Prerequisite: None

Credit: 1 CTE credit, 2 semesters

AgriScience Engineering II

Students learn more advanced applications of mathematics, science, and engineering to agriculture, food systems, energy, natural resources, the environment, and related biological systems. In-depth emphasis is placed on environmental protection and the biological interface of plants, animals, soils, and microorganisms. More advanced aviation assistance, including drone monitoring, is a part of this course.

Grades: 11 – 12

Prerequisite: None

Credit: 1 CTE credit, 2 semesters

Mechanics and Welding I

Students learn about various welding processes, metal fabrication, woodworking, plumbing, and design skills. Students explore career options requiring skills in mechanics and welding.

Grades: 10 – 12

Prerequisite: None

Credit: 1 CTE credit, 2 semesters

Mechanics and Welding II

Students learn more advanced welding processes, metal fabrication, woodworking, plumbing, and design skills. Students explore career options requiring skills in welding.

Grades: 11 – 12

Prerequisite: Mechanics and Welding I

Credit: 1 CTE credit, 2 semesters

AgriScience III

Students develop professional employment skills including leadership, communication, creating a personal portfolio, and interview skills. They learn to manage an agricultural business and marketing, participate in a variety of hands-on agricultural instruction, and develop basic agricultural mechanic and construction skills required to work in a plant systems operation. Students develop their communication skills by researching and writing prepared speeches relating to current agricultural issues. Students participate in various FFA events and are required to maintain an SAE project and an electronic record book.

Grades: 11 – 12

Prerequisite: AgriScience II

Credit: 1 CTE credit, 2 semesters

AgriScience VI

This course builds on AgriScience III for students to further advance their knowledge and skill development in the AgriScience industry. Students participate in various FFA events and are required to maintain an SAE project and an electronic record book.

Grade: 12

Prerequisite: AgriScience III

Credit: 1 CTE credit, 2 semesters

AgriScience Internship

Interns are required to complete 125 hours in the field and maintain an extensive time log and journal. Students will manage grounds, lead related services, and work extensively with the AgriScience plants and animals. Students may assist other students.

Grade: 12

Prerequisite: Concurrent enrollment in AgriScience IV

Credit: 1 CTE credit, 2 semesters

Automotive Technologies I

This class covers the basics of vehicle maintenance and shop operations. Students learn shop safety, industry standards, basic maintenance and repair as well as explore related jobs in the automotive field. CTSO participation is expected.

Grades: 9 – 11

Prerequisite: None

Credit: 1 CTE credit, 2 semesters



Automotive Technologies II

This course provides a detailed hands-on look at the basic technical aspects of automotive maintenance and repair. Topics include the automotive trade, safety, technical math, automotive design, reference materials, fasteners, tools, fluids, lubricants, seals, gaskets, and electrical principles as well as engine, transmission, differential, and basic air conditioning. Includes participation in the Skills-USA national student organization.

Grades: 10 – 12

Prerequisite: Automotive Technologies I

Credit: 1 CTE credit, 2 semesters

Automotive Technologies III/VI Block

Auto Block provides a detailed, structured, hands-on, and theoretical look at the technology used in vehicles for direct entry into the automotive repair industry or for further automotive post-secondary education. This program is National Automotive Technical Education Foundation Certified (NATEF) with additional Automotive Manufacturers Certification for Formal Dealership Technician Internships. Covers in-depth brakes, steering and suspension, electrical systems, and engine performance. Participation is mandatory in Skills-USA. Students compete with other schools in state and national contests for scholarships and awards. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grades: 11 – 12

Prerequisite: C or better in Automotive Technologies II and instructor's approval

Credit: 2 CTE credits, 2 semesters

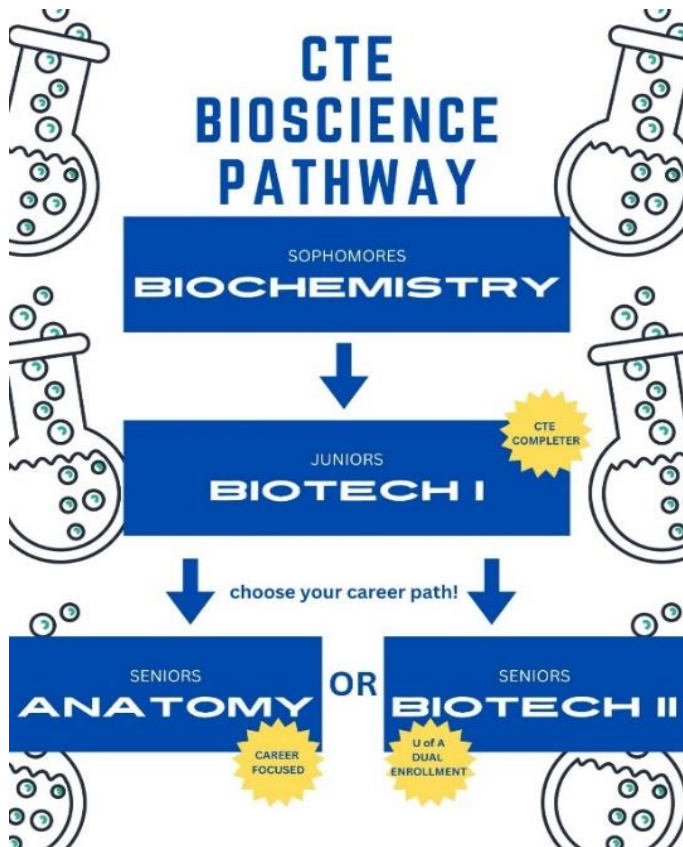
Automotive Technologies Internship

Interns are required to complete 125 hours in the field and maintain an extensive time log and journal. Students will work in an auto shop, complete automotive maintenance, inspections, and repairs, and function as shop stewards.

Grade: 12

Prerequisite: Concurrent enrollment in Auto III/IV Block

Credit: 1 CTE credit, 2 semesters



Biochemistry

Biochemistry incorporates biology and chemistry. Chemistry is a physical science that deals with the makings of inorganic (non-living) and organic (living) matter. While emphasis is on organic material, the foundation of the course is inorganic chemistry. It incorporates the essential standards from both chemistry and earth & space science as well as standards from Bioscience I.

Grade: 10

Prerequisite: Physics Intro or concurrent enrollment

Credit: 1 Science/CTE credit, 2 semesters

Honors Biochemistry

This course covers the content of the Biochemistry course in greater depth and detail, and at a more rapid pace. It is a challenging course with higher expectations for outside studying, homework, and time management. Individual participation in the science fair is required, as well as an end-of-year research project.

Grade: 10

Prerequisite: Physics Intro or concurrent enrollment

Credit: 1 Science/CTE credit, 2 semesters

Anatomy

Students learn advanced human anatomy, disease analysis and basic medical terminology. Topics include medical ignorance, cells and tissues, skeletal system, muscular system, cardiovascular system, respiratory system, reproductive system, nervous system, endocrine system, lymphatic system, digestive system, urinary system, and the integumentary system. Laboratories, dissections, and biology standards are incorporated into the class.

Grade: 12

Prerequisite: None

Credit: 1 Science/CTE credit, 2 semesters

Biotechnology I

Students learn molecular lab techniques such as micro-pipetting, DNA extraction, DNA amplification, and visualization of DNA on electrophoresis gels to investigate authentic research questions. Students learn how to prepare DNA for sequencing and how to interpret DNA sequences; how to grow and work with bacteria and other microorganisms using sterile techniques; and how to clone genes and introduce genes into bacteria. Students acquire skills needed to pursue higher education in science or to enter the industry workforce in careers related to Biotechnology. *Dual enrollment credit is available for MCB101 at the University of Arizona for students continuing to Biotechnology II.*

Grades: 11 – 12

Prerequisite: Biochemistry

Credit: 1 Science/CTE credit, 2 semesters

Biotechnology II

Students further develop skills learned in Biotechnology I through investigations that utilize advanced techniques to analyze DNA and proteins from microorganisms and model research organisms. There is an independent research component to this class. Students will generate and frame a scientific question, design an experiment to answer that question, collect and analyze data, and learn the fundamentals of communicating their data through graphs and written conclusions. Students may have opportunities to collaborate with a research lab to conduct authentic research-based projects in the community as well. *Dual enrollment credit is available for MCB102 at the University of Arizona.*

Grade: 12

Prerequisite: Biotechnology I

Credit: 1 Science/CTE credit, 2 semesters

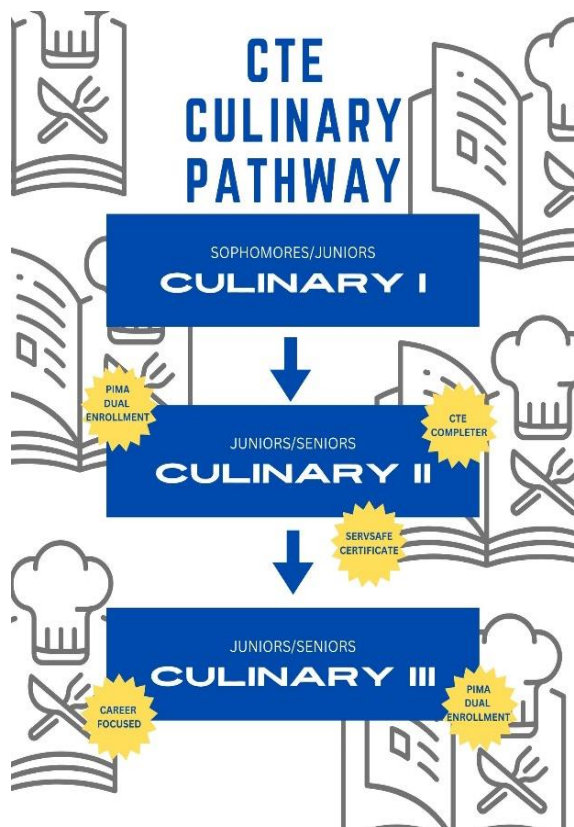
Bioscience Internship

Interns are required to complete 125 hours as a lab technician and maintain an extensive time log and journal. Students will manage the lab, prepare materials, assist with student groups, and provide technology and skill support.

Grade: 12

Prerequisite: Concurrent enrollment in Biotechnology II

Credit: 1 CTE credit, 2 semesters



Culinary Arts I

Students learn the application of technical knowledge and skills needed for food production, service occupations, and commercial food establishments. Skills developed in Culinary Arts include identification, selection, storage, safety and sanitation of commercial food, and equipment.

Grades: 10 – 12

Prerequisite: None

Credit: 1 CTE credit, 2 semesters

Culinary Arts II

Students further develop their job skills for institutional food and commercial services. Students expand upon basic culinary techniques and learn skills that are more advanced. Field trips, guest speakers, and ServSafe Certification are utilized. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grades: 11 – 12

Prerequisite: Culinary Arts I

Credit: 1 CTE credit, 2 semesters

Culinary Arts III

Students develop advanced job skills for institutional food and commercial services. Students apply culinary skills in cooking for large groups, small groups, and competitions. Emphasis is on catering and food ordering and production. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grades: 11 – 12

Prerequisite: Culinary Arts II

Credit: 1 CTE credit, 2 semesters

Culinary Arts Internship

Interns are required to complete 125 hours as a kitchen lab technician and maintain an extensive time log and journal. Students manage the lab, prepare materials, assist student groups, and provide technology and skill support.

Grade: 12

Prerequisite: Concurrent/prior enrollment in Culinary Arts III

Credit: 1 CTE credit, 2 semesters



Digital Photography I

Students learn the fundamentals of photography by focusing on photographic basics such as composition, manual camera techniques, and Photoshop editing techniques. Students use professional equipment and software and have opportunities to enter their work in exhibitions, local competitions as members of the Photography CTSO (Photo Club). Projects require students to conduct work both in and out of class. All class projects, modeled after industry projects, have a fine arts emphasis.

Grades: 9 – 12

Prerequisite: None

Credit: 1 CTE or Fine Arts credit, 2 semesters

Digital Photography II

Students apply the fundamentals of photography to the art of documenting people, events, and places through genres such as portrait photography, event photography, landscape, light art, macro, food photography, fashion photography, and many more. Students conduct work outside of class and in the community and use Digital SLR cameras, Adobe Photoshop, digital archival color printing and gallery framing. Students travel and compete in statewide photo competitions as members of the Photography CTSO (Photo Club). Students produce a professional portfolio of their work. All projects given in class, modeled after industry projects, have a fine arts emphasis. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grades: 10 – 12

Prerequisite: Digital Photography I

Credit: 1 CTE or Fine Arts credit, 2 semesters

Digital Photography III

Students learn how to use the photography studio and on location lighting techniques. Students take action and candid photography for the yearbook and district publications. Students use digital cameras, professional strobe lights, Adobe Photoshop, and digital archival printing to present their work to clients, photography competitions, and galleries. All projects have a fine art emphasis. Students develop a professional photo portfolio. Students travel and compete in photo competitions across the state as members of the Photography CTSO. Work may be required during lunch, before and after school, and on weekends.

Grades: 11 – 12

Prerequisite: Digital Photography II

Credit: 1 CTE or Fine Arts credit, 2 semesters

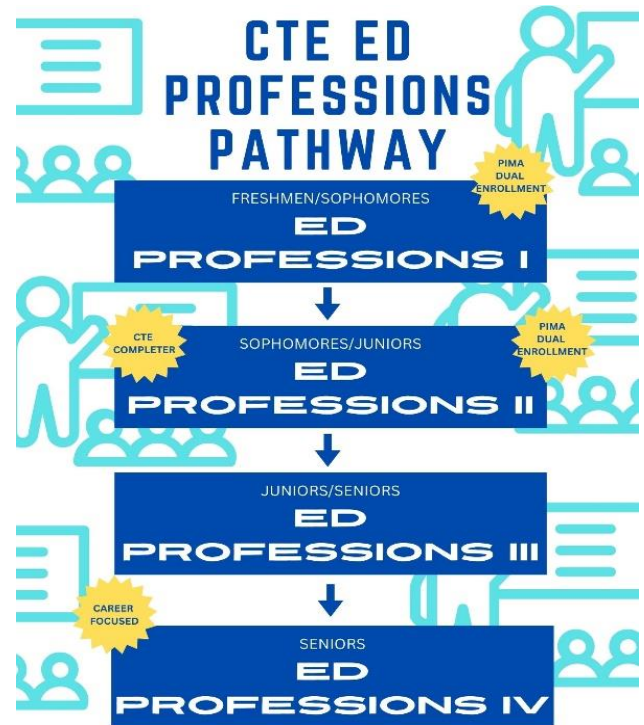
Digital Photography Internship

Interns are required to complete 125 hours as a photography project manager and maintain an extensive time log and journal. Students manage photography production for specified projects, prepare materials, assist with student groups, curate samples, and provide technology and skill support.

Grade: 12

Prerequisite: Concurrent/prior enrollment in Digital Photography II

Credit: 1 CTE credit, 2 semesters



Education Professions I

Students are introduced to the knowledge and skills necessary to be successful teachers. Students explore learning styles, multiple intelligences, stages of development, and education of students of all ages. Students create, design, and implement lessons by teaching at district sites both on and off the FWHS campus. Students join the Future Educators of Arizona Student Organization, which provides opportunities to travel, lead, compete and earn scholarships both in Arizona and nationally. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grades: 9 – 12

Prerequisite: None

Credit: 1 CTE credit, 2 semesters

Education Professions II

Students apply the skills necessary to become a successful teacher. The advanced students engage in teaching experiences with students of all ages while participating in professional development classes. Students use iPad technology in the planning and implementation of lessons and activities for students at district sites both on and off the FWHS campus. Students join the Future Educators of Arizona Student Organization, which provides opportunities to travel, lead, compete, and earn scholarships both in Arizona and nationally. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grades: 10 – 12

Prerequisite: Education Professions I

Credit: 1 CTE credit, 2 semesters

Education Professions III

This course provides hands-on application of lesson design and instructional skills. Students complete teacher observations, develop online modules, develop unit plans, and work with learning games in their teacher cadet positions.

Grades: 11 -12

Prerequisite: Education Professions II

Credit: 1 CTE credit, 2 semesters

Education Professions IV

This course provides extensive hands-on application of lesson design and instructional skills. Students complete teacher observations, develop online modules, develop unit plans, and work with learning games.

Grades: 11 – 12

Prerequisite: Education Professions III

Credit: 1 CTE credit, 2 semesters

Education Professions Internship

Interns are required to complete 125 hours as a lab technician and maintain an extensive time log and journal. Students manage the classroom, prepare materials, assist with student groups, and provide technology and skill support.

Grade: 12

Prerequisite: Concurrent/prior enrollment in Education Professions IV

Credit: 1 CTE credit, 2 semesters

Engineering I

Students explore roles engineers play in society, discover new career paths, and develop a general understanding of the engineering design process. Activities include bridge design, green energy application, and consumer product development in hands-on, real-world challenges. Students dig deep into the engineering design process, applying math, science, and engineering standards. Students work in teams to design solutions to a variety of problems using the engineering design process, an engineering notebook to document their work, and 3-D modeling software and rapid prototyping.

Grades: 10 – 12

Prerequisite: Algebra I

Credit: 1 CTE credit, 2 semesters

Engineering II

This course mirrors Engineering 102 at the University of Arizona. Emphasis on communication skills development, including effective presentation techniques and technical writing. The engineering design process, physics, math, and hands-on building improve problem solving and critical thinking skills. Problem-based modeling by building catapults, trebuchets, CAD, and 3D printing, solar ovens, Lego robots, and real-world engineering design challenges are explored. *Dual Enrollment: Students who are also enrolled in pre-calculus or higher math may earn credit at the University of Arizona by passing this course with a C or higher.*

Grades: 11 – 12

Prerequisite: Engineering I

Credit: 1 CTE credit, 2 semesters

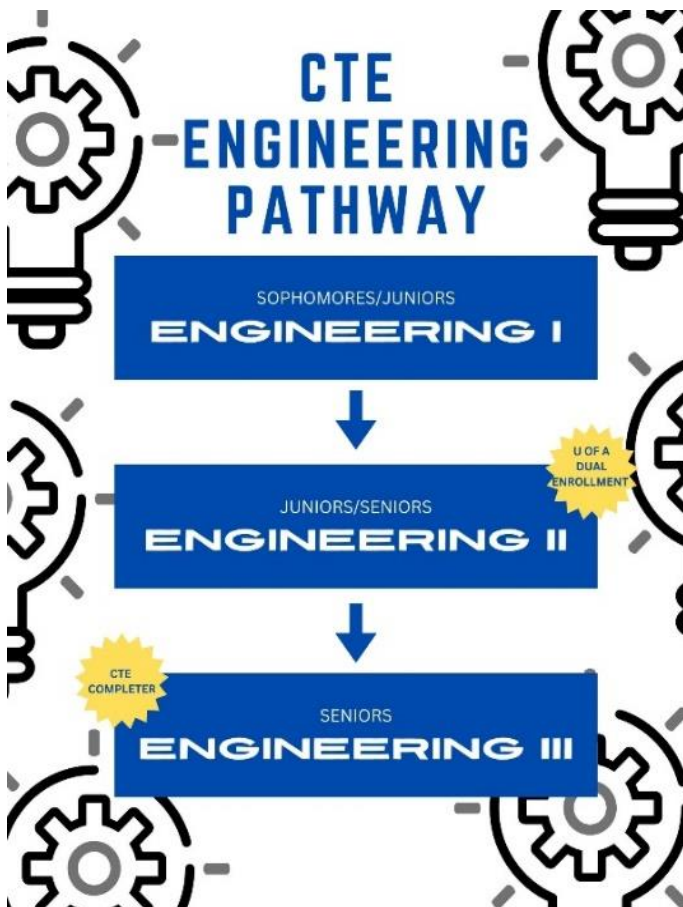
Engineering Internship

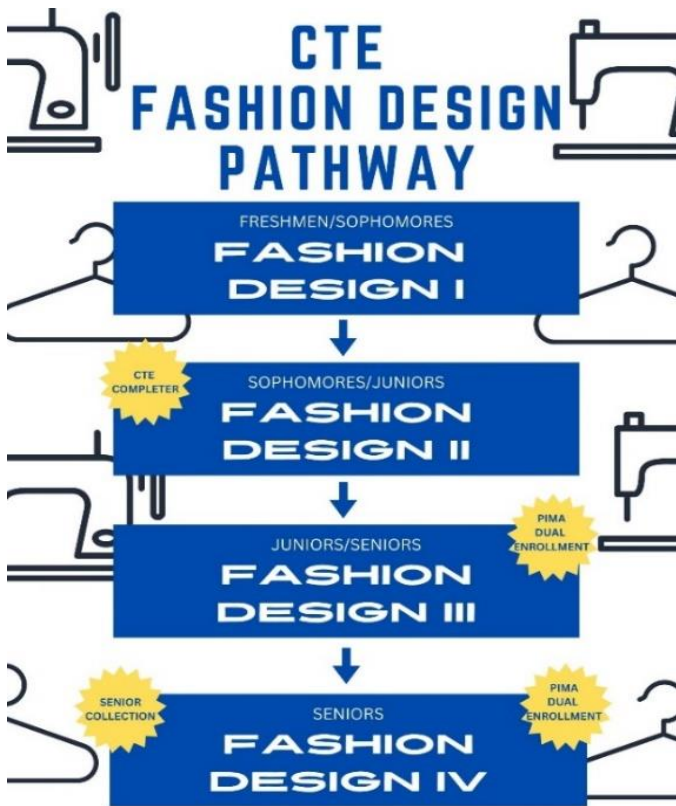
Interns are required to complete 125 hours as a lab technician and maintain an extensive time log and journal. Interns manage the lab, prepare materials, assist with student groups, and provide technology and skill support.

Grade: 12

Prerequisite: Concurrent/prior enrollment in Engineering II

Credit: 1 CTE credit, 2 semesters





Fashion Design & Merchandising I

First year fashion students make a garment for themselves after learning how to operate a sewing machine. Students also learn the steps of fashion production while making a project and learn fashion drawing techniques, elements, and principles of design, how history affects current trends, and the steps of garment production.

Grades: 9 – 12

Prerequisite: None

Credit: 1 CTE credit, 2 semesters

Fashion Design & Merchandising II

Fashion II students take inventory, sort merchandise, produce displays, and plan promotions for a retail store, along with customer service skills. Students also complete a project while learning how to create in the fashion business. Fashion II students make two garments using commercial patterns while learning new sewing techniques and fitting to a model.

Grades: 10 – 12

Prerequisite: Fashion Design & Merchandising I

Credit: 1 CTE credit, 2 semesters

Fashion Design & Merchandising III

Fashion III students complete a fashion design project from sketch to completed garment. Students complete alterations to garments, alter a commercial pattern, and create their own patterns by draping or by flat pattern methods. Students are part of the production team for the spring fashion show *Fusion*. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grades: 11 – 12

Prerequisite: Fashion Design & Merchandising II

Credit: 1 CTE credit, 2 semesters

Fashion Design & Merchandising IV

Students identify and develop their signature design styles, then create collections that reflect their fashion style. Students learn different textile design techniques and create their own fabrics, which are incorporated into their collections. This class coordinates and produces *Fusion*, the annual spring fashion show. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grade 12

Prerequisite: Fashion Design & Merchandising III

Credit: 1 CTE credit, 2 semesters

Fashion Design & Merchandising Internship

Interns are required to complete 125 hours as a fashion, design, and costuming lead and maintain an extensive time log and journal. Students manage the preparation, development, and production of designs and costumes, as assigned by the instructor for maximum field experience. Interns may assist with student groups and provide technology and skill support.

Grade: 12

Prerequisite: concurrent or prior enrollment in Fashion IV

Credit: 1 CTE credit, 2 semesters



Film and TV Production I

Students learn the fundamentals of filmmaking: script writing, storyboarding, camera angles, shot types and camera movement. Students will be using Digital SLR cameras & camcorders, Adobe Premier and Apple computers. Students enrolled in this class have opportunities to enter their work in exhibitions, local competitions, and become members of the Film Club (CTSO). Projects require students to conduct work both in and out of class. All projects given in class, modeled after industry projects, have a fine arts emphasis.

Grades: 9 – 12

Prerequisite: None

Credit: 1 CTE credit, 2 semesters

Film and TV Production II

Students create advanced types of films such as documentaries, tutorials, music videos, and dramatic narratives. Students explore the communicative power of filmmaking. Projects require students to conduct work outside of class and in the community. Students use professional equipment for filming and for post-production video, audio, and motion graphic editing. Students travel and compete in film competitions across the state as members of the Filmmaking CTSO (Film Club). *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grades: 10 – 12

Prerequisite: Film and TV Production I

Credit: 1 CTE credit, 2 semesters

Film and TV Production III

Students produce district projects and creative films for entry into film festivals and contests. Projects require students to work in and out of class. Students use professional equipment for filming and for post-production video, audio, and motion graphic editing. Students travel and compete in CTSO state film competition. Students produce a professional reel for use in job applications and future industry advancement.

Grades: 10 – 12

Prerequisite: Film and TV Production II

Credit: 1 CTE credit, 2 semesters

Film and TV Production Internship

Interns must complete 125 hours as a film project manager, technician, and maintain an extensive time log and journal. Students manage all aspects of video production for projects, prepare materials, assist with student groups, and provide technology and skill support.

Grade: 12

Prerequisite: concurrent/prior enrollment in Film II

Credit: 1 CTE credit, 2 semesters

Graphic Design I (JTED Graphic Design Introduction)

Students learn to use various Adobe programs (Photoshop, Illustrator, InDesign) while designing a variety of digital art. *Additional registration with JTED must be completed by the student prior to beginning the course.*

Grades: 10 – 12

Prerequisite: None

Credit: 1 CTE or Fine Arts credit, 2 semesters

Graphic Design II (JTED Graphic Design Intermediate)

Students create artwork for a variety of purposes, including t-shirt printing, embroidery, and commercial printing, balancing in-class projects with work for real-world clients as a graphic design business. As members of a CTSO, students develop unique skills and travel representing JTED in design competitions. Using professional software, students learn the roles of a professional artist while creating projects. *Additional registration with JTED must be completed by the student prior to beginning the course. Students may earn DAR 102 credit at*

Pima Community College by passing this course with a C or higher.

Grades: 11 – 12

Prerequisite: Graphic Design I

Credit: 1 CTE or Fine Arts credit, 2 semesters

Graphic Design III (JTED Graphic Design Advanced)

Students work as a design studio/advertising agency. Advanced members may serve in CTSO leadership roles, contributing to their community and representing JTED at design competitions. Students develop a portfolio that represents their diversity of design skills. *Additional registration with JTED must be completed by the student prior to beginning the course. Students may earn DAR 120 credit at Pima Community College by passing this course with a C or higher.*

Grade: 12

Prerequisite: Graphic Design II

Credit: 1 CTE or Fine Arts credit, 2 semesters

Graphic Design Internship

Students perform the duties of a designer for the CTSO including client interactions, production, design and more. Students must notify the teacher of interest and submit a resume during junior year. *Additional registration with JTED must be completed by the student prior to beginning the course.*

Grade: 12

Prerequisite: Graphic Design II with B or higher and Teacher Approval

Credit: 1 CTE or Fine Arts credit, 2 semesters



Stagecraft I

Students study theatre history, set design and construction, theatre lighting, theatre sound, scenic art, stage management, makeup design and stagehand work. Stagecraft supports all the productions in the Fine Arts department. Twenty hours of extracurricular work experience in the scene shop or backstage at FWHS Fine Arts performances is required. A parental safety agreement and student conduct agreement is required.

Grades: 9 – 12

Prerequisite: None

Credit: 1 CTE credit, 2 semesters

Stagecraft II

Advanced students continue to study theatre history, set design and construction, theatre lighting, theatre sound, scenic art, stage management, makeup design and stagehand work. Stagecraft supports all the productions in the Fine Arts department. Twenty hours of extracurricular work experience in the scene shop or backstage at FWHS Fine Arts performances is required. A parental safety agreement and student conduct agreement is required.

Grades: 10 – 12

Prerequisite: Stagecraft I

Credit: 1 CTE credit, 2 semesters

Stagecraft Internship

Interns are required to complete 125 hours as a stagecraft technician and maintain an extensive time log and journal. Students plan, manage construction, prepare materials, assist with student groups, and provide technology and skill support.

Grade: 12

Prerequisite: Concurrent or prior enrollment in Stagecraft II

Credit: 1 CTE credit, 2 semesters

Work Experience/Internship

This class focuses on workplace skills. Students must submit the required paperwork to participate. Participation requires employment for 3 months, proof of hours worked, and 10 hours minimum per week. Students check-in with the instructor each week. Students keep a workplace journal throughout the year, and a minimum of 125 seat hours must be completed.

Grade 12

Prerequisites: Any CTE program area or 3 months of continuous employment and teacher approval

Credit: 1 CTE credit, 2 semesters

FINE ARTS ELECTIVES

Introduction to Art

Students learn basic art techniques and skills using a variety of different mediums, including graphite, acrylic and watercolor paint, printmaking, sculpture, charcoal and more!

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective or Fine Arts credit, 2 semesters

Advanced Art

Students develop their artistic style and voice through conceptual and abstract large-scale artwork using multiple mediums and techniques. Students move beyond 'how-to' and focus more on the content of the art, developing individual approaches by answering questions of 'what' and 'why' when choosing subject matter. Students interested in attending art school after high school may develop art portfolios. *Approved students may take *Advanced Art up to three times for credit*.

Grades: 10 – 12

Prerequisite: Introduction to Art

Credit: 1 Elective or Fine Arts credit, 2 semesters

Concert Band

Wind and percussion students develop musical skills through performances in the marching band and concert band setting. Students are required to perform at football games/band competitions as a marching band and at festivals and concerts as a concert band. Students are required to rehearse on Tuesday evenings and perform at football games from August until November. Band camp is recommended. Instruments are available for a rental fee.

Grades: 9 – 12

Prerequisite: Prior band experience or Director's approval

Credit: 1 Elective or Fine Arts credit, 2 semesters

Band Pom Line

Pom Line is a section of the FW Marching Band, performing as dancers and colorguard. Marching band rehearses/performs mostly in the fall semester from August to November at varsity football games, at pep assemblies, and in parades. After-school performances and practices are mandatory. Audition for the Pom Line is in the spring semester of the previous school year. One year of dance is strongly recommended. Opportunities to perform in festivals and go on trips possible.

Registration Fee: \$30

Grades: 9 – 12

Prerequisite: Audition only

Credit: 1 Elective or Fine Arts credit, 2 semesters

Wind Ensemble

Wind Ensemble is an advanced band designed for wind and percussion students performing at the highest level of music proficiency. Students develop musical skills through performing upper-level wind band literature. Opportunities to perform in solo and/or small ensembles are encouraged. Wind Ensemble combines with the concert band to form the FWHS Marching Band. Tuesday night rehearsals (Aug.-Nov.), football games, Saturday competitions, and pep assemblies are required. Membership in the class is by audition and Director recommendation.

Grades: 10 – 12

Prerequisites: Marching/Concert Band, audition, and Director's approval

Credit: 1 Elective or Fine Arts credit, 2 semesters

Jazz Ensemble

This course introduces jazz as an American art form. This is an advanced class for students who know how to play sax, trombone, trumpet, drums, keyboard and/or guitar well. Students develop skills in a big band and combo setting.

Grades: 9 – 12

Prerequisite: Audition only

Credit: 1 Elective or Fine Arts credit, 2 semesters

Beginning Orchestra

Beginning Orchestra is the gateway to string performance. Students study fundamental techniques of string playing and the essentials of orchestra music, including reading sheet music, rhythms, pitch, and performance technique. Students perform in after-school concerts and events. No experience is necessary. This is recommended for students with zero to one year of playing experience. Instruments are available to rent.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective or Fine Arts credit, 2 semesters

Intermediate Orchestra

Students study and perform music from many eras and styles of orchestral performance, compete in regional music festivals, and serve the Flowing Wells Community through performances. Advanced techniques and repertoire are introduced, and fundamental techniques are refined and reinforced. Intermediate orchestra is recommended for string students with one to three years of playing experience. After school concerts, rehearsals and field trips required components of this class. Contact the director to arrange an audition or interview. Beginning Orchestra, Intro to Guitar, Intro to Piano, or other previous experience is recommended. Instruments are available to rent.

Grades: 9 – 12

Prerequisite: Audition or interview

Credit: 1 Elective or Fine Arts credit, 2 semesters

Advanced Orchestra

This is the premier string ensemble at FWHS. Students study and perform music from many eras and styles of orchestral performance, compete in regional music festivals, and serve the community through performances. Advanced and fundamental techniques are applied throughout the year and interpretation of complex music is emphasized. This course is recommended for string students with three to five or more years of playing experience. After school concerts, rehearsals and field trips are required. Contact the director to arrange an audition. Instruments are available to rent.

Grades 9 – 12

Prerequisite: Audition only (1-year Intermediate Orchestra recommended)

Credit: 1 Elective or Fine Arts credit, 2 semesters

Introduction to Guitar

Intro to Guitar covers fundamental techniques of the guitar, basic music literacy, and the study and interpretation of multiple styles of music. Two after-school concerts plus two

after-school dress rehearsals are required. Instruments are available to use during the school day.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective or Fine Arts credit, 2 semesters

Introduction to Piano

Students develop skills to play electronic keyboards and acoustic pianos. Music reading, finger technique and basic music theory are taught. Students perform short piano pieces in both group and individual settings.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective or Fine Arts credit, 2 semesters

Advanced Piano

Students further develop skills playing electronic keyboards and acoustic pianos and learn advanced music reading, finger technique and music theory. Students perform piano pieces in both group and individual settings. Contact the director to arrange an audition.

Grades: 9 – 12

Prerequisite: Audition only 1-year Intro Piano recommended

Credit: 1 Elective or Fine Arts credit, 2 semesters

Caballero Chorus

This beginning choral group explores proper vocal production, sight-reading, choral techniques, and ensemble skills by singing a wide variety of traditional, multicultural, and popular repertoire. Prior experience in choir is not required and registration is open to all. Public performances, competitions, and spring tour are a part of the year's activities. After-school dress rehearsals and concerts are required.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective or Fine Arts credit, 2 semesters

Bella Voce

This advanced women's chamber choir is for singers with extensive choral experience, sight-reading skills, and voice training. Traditional, contemporary, pop and jazz works performed throughout the year. After-school dress rehearsals and concerts are required events. Singers are required to attend Choir Camp and NAU Jazz/Madrigal Festival.

Grades: 9 – 12

Prerequisite: Audition only

Credit: 1 Elective or Fine Arts credit, 2 semesters

Concert Choir

This intermediate mixed choir is for singers with some background in choral singing. Emphasis is on sight-reading, ear training and development of advanced musical skills in traditional, multicultural, and popular music. Students participate in public performances, competitions, and spring tour. After school rehearsals and concerts are required events.

Grades: 9 – 12

Prerequisite: Audition only

Credit: 1 Elective or Fine Arts credit, 2 semesters

Choralaires

This advanced mixed chamber ensemble of 16-30 singers is Flowing Wells' top vocal performing group. Advanced literature requires sight singing and ear training. Extensive performances in December and extracurricular rehearsals throughout the year are also required. Choralaires are required to attend Choir Camp, NAU Jazz/Madrigal Festival, and audition for Regional Choir.

Grades: 9 – 12

Prerequisite: Audition only

Credit: 1 Elective or Fine Arts credit, 2 semesters

Theatre I

Students learn new perspectives of basic theatre techniques involving the study of creative dramatics, pantomime, improvisation, scenes, monologues, storytelling, auditioning, playwriting, stage combat and theatre tech. There are in-class performances, as well as a graded public performance. During spring semester, students are required to attend after school rehearsals in preparation for the play.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective or Fine Arts credit, 2 semesters

Theatre II

This class emphasizes ensemble work, monologue and scene study, playwriting, auditioning, and play production. Intermediate drama is a public performance-based class. Students are required to attend after-school rehearsals and performances throughout the year.

Grades: 10 – 12

Prerequisite: Theater I

Credit: 1 Elective or Fine Arts credit, 2 semesters

Caballero Players

Advanced acting students develop skills in Improvisation, monologue and scene study, musical theatre, directing and other theatre techniques with a high expectation level for student performance. Students produce, direct and act in numerous public performances. Students attend and compete at the Arizona State Thespian Festival and Southern Arizona Acting Festival. Students are expected to attend all required after-school events.

Grades: 11 – 12

Prerequisites: Theatre I, Audition only

Credit: 1 Elective or Fine Arts credit, 2 semesters

Beginning Dance

This course provides exploration of all dance styles including ballet, jazz, modern, tap, and hip-hop. Beginning dance technique, conditioning, stretching, choreography, positive self-awareness, and performances are required throughout the year. Fund-raising opportunities are offered to help pay for costume requirements.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective or Fine Arts credit, 2 semesters

Intermediate Dance

This course provides intermediate dance experience in all dance styles including ballet, jazz, and hip-hop. Dance techniques, choreography, positive self-awareness, and performances are required. Fund-raising opportunities are offered to help pay for costume requirements.

Grades: 10 – 12

Prerequisite: Theater 1, Beginning Dance, or audition

Credit: 1 Elective or Fine Arts credit, 2 semesters

Advanced Dance

This course provides advanced dance experience in all dance styles including ballet, jazz, and hip-hop. Dance techniques, choreography, positive self-awareness, and performances are required. Fund-raising opportunities are offered to help pay for additional costume requirements.

Grades: 10 – 12

Prerequisite: Intermediate Dance or audition

Credit: 1 Elective or Fine Arts credit, 2 semesters

Partner Dance

Men and women learn dance steps in salsa, swing, ballroom, and contemporary dance. Students also learn lifting techniques. Cardio workouts and conditioning exercises along with traditional dance technique are important training components of the class. Admittance into Partner dance is by audition only. The audition occurs at the end of the spring semester for the following school year.

Grades: 9 – 12

Prerequisite: Audition

Credit: 1 Elective or Fine Arts credit, 2 semesters

Momentum Dance Company

Momentum Dance Company is a non-competitive performance ensemble learning all forms of dance: jazz, modern, ballet, hip-hop, tap and musical theater. The company learns multiple pieces which are performed at mandatory concerts in and out of school. Momentum Dance Company takes a trip in the spring to explore options for careers in dance. An audition is held in the spring semester for the following school year. The costume fee is discussed at the start of the school year.

Grades: 9 – 12

Prerequisite: Audition

Credit: 1 Elective or Fine Arts credit, 2 semesters

Pulse Dance Company

This course concentrates on all forms of jazz (including lyrical and contemporary). It also explores all forms of hip-hop. Performances and competitions in and out of school are required. This class attends a summer dance workshop, dance Nationals in Florida, and other dance workshops throughout the year. Fundraising and after-school practices are required. The costume fee is discussed at the start of the year.

Grades: 9 – 12

Prerequisite: Audition

Credit: 1 Elective or Fine Arts credit, 2 semesters

Film History

Students in this non-performance class trace the history of the movies and view critically acclaimed films, then study their importance, the production and direction staffs, special effects, and the actors involved. Films of different genres and time periods are presented. Students consider the significance of society in the production of a film as well as the film's influence on society. Students learn what makes a "good" film, and the "how-to" of filmmaking is examined.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective or Fine Arts credit, 2 semesters

PHYSICAL EDUCATION ELECTIVES

Walking 101

Students walk daily and work on core muscles. Students may often listen to their own music while walking (on campus only for safety reasons). Students are never required to run.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective credit, 2 semesters

Basketball/Volleyball

Basketball/volleyball is an activity class emphasizing individual skill and team play development. Fundamentals as well as skills that are more advanced are taught in both activities.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective credit, 2 semesters

Weight Training

Students develop strength, flexibility, agility, power, and quickness. Students gain an understanding of how resistance training and exercise programs affect physical development.

Grades: 9 – 12

Prerequisite: None

Credit: 1 Elective credit, 2 semester

Health

Students explore a variety of health-related issues and are encouraged to take an active role in enhancing and preserving their personal health. This is the companion course for

students enrolled in Fitness, Wellness and Applied Health. CPR training is required.

Grade: 10

Prerequisite: None

Credit ½ Health credit, 1 semester

Ultimate P.E.

Unique physical activities for this class include ultimate Frisbee, Frisbee golf, floor hockey, soccer, flag football, rappelling/rock wall, handball, speed-a-way, and scooter ball.

Grades 9 – 12

Prerequisite: None

Credit: 1 Elective credit, 2 semesters

Fitness, Wellness and Applied Health

This course is a companion course for students enrolled in Health. Students engage in activities that are fun, intriguing and help improve life-long health, wellness, and fitness. A unit in driver's education is incorporated. Students are not required to wear a Flowing Wells PE uniform.

Grade: 10

Prerequisite: None

Credit: ½ Elective credit, 1 semester

Sports Conditioning I

Student-athletes enhance and supplement their physical (strength, cardio-vascular endurance, flexibility, and agility) and mental (game-strategy/sportsmanship) preparation in coordination with their extra-curricular athletic competition and are strongly encouraged to take this course.

Grade: 9 – 12

Prerequisite: Projected student athlete (Fall, Winter, and/or Spring sport)

Credit: 1 Elective credit, 2 semesters

Sports Conditioning II

Student-athletes enhance and supplement their physical (strength, cardio-vascular endurance, flexibility, and agility) and mental (game-strategy/sportsmanship) preparation in coordination with their extra-curricular athletic competition and are strongly encouraged to take this course.

Grade: 10 – 12

Prerequisite: Sports Conditioning I or athletic department confirmation of participation in current school year FWHS athletic team

Credit: 1 Elective credit, 2 semesters

OTHER ELECTIVES

Army JROTC I LD

Army JROTC II LD

Army JROTC III LD

Army JROTC IV LD

Army JROTC Advanced Training

Students learn about non-combative military skills and character building through leadership and physical training activities. Cadets earn positions of responsibility; upper-level cadets participate in planning, organizing, and implementing group projects. Cadets engage in community service-learning events. Field trips, a five-day training exercise at Fort Huachuca, on-campus rappelling, rock climbing, rifle marksmanship, and obstacle courses are offered. Varsity athletic teams include Exhibition Drill, Color Guard, Rifle Marksmanship, and Raiders, a physical fitness team. JROTC is an approved military academy nominating agency.

Grades 9 – 12

Prerequisite: None

Credit: 1 Elective credit, 2 semester

Student Government

Family, school spirit, leadership, fun, and adventure are all part of the student council (STUCO). Elected members plan, organize, and implement activities to bring the school together. Students work with administration, coaches, and staff to establish a positive community in which students can excel and have fun. STUCO plans and leads such activities as Homecoming, Winter Ball, and pep assemblies.

Grades 9 – 12

Prerequisite: Election

Credit: 1 Elective credit, 2 semesters

Student Aide

Students assist teachers and office personnel with duties as assigned. Students may be an aide for a maximum of two semesters. Class is Pass/Fail only.

Grades: 11 – 12

Prerequisites: 3.0 GPA and teacher/counselor recommendation

Credit: ½ Elective credit, 1 semester

Cadet Teaching

Students learn basic concepts of teaching while working with a variety of students with special needs. Cadet teachers serve as peer tutors for students in the Independent Life Skills class as well as other classes. Students may be a cadet teacher for a maximum of two semesters.

Grades: 10 – 12

Prerequisites: 3.0 GPA and teacher recommendation

Credit: 1 Elective credit, 2 semesters

Yearbook

In this time-intensive class, students utilize skills in interviewing, writing, editing, and graphic design as they produce the next high school yearbook.

Grades: 9 – 12

Prerequisites: Student application, Advisor approval, English teacher recommendation

Credit: 1 Elective credit, 2 semesters

Translation & Interpretation I: Introduction to Translation and Interpretation and Interpretation Techniques

Interpreting in a legal context. Includes interpreting in a legal setting, knowledge of legal procedure and ancillary issues related to legal terminology in Spanish and English, bicultural legal communication, and regional differences. Requires Spanish/English language fluency. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grade: 11 – 12

Prerequisite: Passing score on STAMP test or Pima Community College equivalent

Credit: 1 elective credit, 2 semesters

Translation & Interpretation II: Medical Spanish/English Interpreting and Introduction to Legal Spanish/English Interpreting

Bilingual interpreting in a medical context and setting.

Includes professional responsibility and interpreter ethics, managing the interpreting encounter, healthcare terminology, the United States healthcare system, and communication through bilingual interpretations. This course assumes bilingual fluency in both English and Spanish. This course is designed and aligned with the purpose of preparing students to take the CCHI Certification exams and earn their CCHI certification. *Dual Enrollment: Student may earn credit at Pima Community College by passing this course with a C or higher.*

Grade: 11 – 12

Prerequisite: Passing score on STAMP test or Pima Community College equivalent

Credit: 1 elective credit, 2 semesters

Creative Writing

This elective writing course builds on student skills related to the craft, structure and composition of fiction as well as close reading skills. The course focuses on narrative/poetry analysis and composition: students will explore and produce as much creative writing as they consume in the classroom.

Grades: 10 – 12

Prerequisite: None

Credit: 1 Elective credit, 2 semesters

Psychology

This semester focuses on why an individual thinks, feels, and reacts to different situations. Various aspects of human behavior are studied through theories of personality, states of consciousness, memory, human development, and psychological disorders. Theories are explored by conducting experiments and creating unique projects.

Grades: 10 – 12

Prerequisite: None

Credit: ½ Elective credit, 1 semester

AP Psychology

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

Grades: 10 – 12

Prerequisite: Psychology is recommended

Credit: 1 Elective credit, 2 semesters

AP European History

Students investigate events, individuals, developments, and processes from approximately 1450 to the present, including the Renaissance, Revolutions of Thought, the Industrial Revolution, the World Wars, and the Cold War. Students develop and use skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course prepares students for the Advanced Placement European History examination and success in university European history courses. A student may earn college credit and placement by taking the Advanced Placement examination administered by the College Board.

Grades: 9 – 12
Prerequisite: None
Credit: 1 Elective credit, 2 semesters

AP Human Geography

Students are introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students use spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The course prepares students for the Advanced Placement Human Geography examination and success in university human geography courses. A student may earn college credit and placement by taking the Advanced Placement examination administered by the College Board.

Grade: 9 – 12
Prerequisite: None
Credit: 1 credit

CONTACT INFORMATION

Websites:
Flowing Wells School District www.flowingwellsschools.org
Flowing Wells High School www.fwhs.flowingwellsschools.org

Flowing Wells High School Phone Numbers:

Administration	(520) 696-8000
Attendance	(520) 696-8024
Health Office	(520) 696-8036
Registrar	(520) 696-8040
Discipline	(520) 696-8004
Athletics	(520) 696-8019
Counseling	(520) 696-8033
Career and Technical Education	(520) 696-8032

Note: Individual staff phone numbers are under *The Cab Way* tab on the FWHS webpage.