

# **Academic Planning Guide**

# **2023-2024**



**Tolleson Union High School District #214**

9801 W. Van Buren Street  
Tolleson, AZ 85353  
Telephone: (623) 478-4000  
Website: [www.tuhsd.org](http://www.tuhsd.org)



## **MISSION**

**TUHSD is committed to developing the potential of all students, staff and community.**

## **VISION**

**Learning today, leading tomorrow!**

## **STRATEGIC AREAS**

- **College, Career and Life-Ready Students**
  - **Communication and Partnerships**
- **Creating a Highly Effective Workforce**

**TUHSD Do IT With Pride!**

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## **GOVERNING BOARD**

President: Dr. Elda Luna-Najera

Vice President: Dr. Kino Flores

Mr. Steven Chapman

Mr. Devin Del Palacio

Mr. Freddie Villalon

## **DISTRICT ADMINISTRATION**

Mr. Jeremy Calles .....Superintendent

Mr. Juan Ceja ..... Assistant Superintendent of Human Resources

Mrs. Mindy Westover ..... Assistant Superintendent of Curriculum and Instruction

Mr. Derek Fahleson ..... Chief Operations Officer

Mr. Ken Hicks ..... Chief Financial Officer



# Tolleson Union High School District #214

## **COPPER CANYON HIGH SCHOOL**

9126 W. Camelback Road  
Glendale, Arizona 85305  
623.478.4800 (main)  
623.478.4801 (attendance)

## **LA JOYA COMMUNITY HIGH SCHOOL**

11650 W. Whyman Avenue  
Avondale, Arizona 85323  
623.478.4400 (main)  
623.478.4402 (attendance)

## **SIERRA LINDA HIGH SCHOOL**

3434 S. 67<sup>th</sup> Avenue  
Phoenix, Arizona 85043  
623.474.4400 (main)  
623.474.7701 (attendance)

## **TOLLESON UNION HIGH SCHOOL**

9419 W. Van Buren Street  
Tolleson, Arizona 85353  
623.478.4200 (main)  
623.478.4201 (attendance)

## **DISTANCE LEARNING ACADEMY**

9701 W. Van Buren St  
Tolleson, Arizona 85353  
623.478.4134 (main)

## **UNIVERSITY HIGH SCHOOL**

9419 W. Van Buren Street  
Tolleson, Arizona 85353  
623.478.4380 (main)  
623.478.4201 (attendance)

## **WEST POINT HIGH SCHOOL**

11620 W. Encanto Blvd  
Avondale, Arizona 85392  
623.474.8700 (main)  
623.474.8702 (attendance)

## **WESTVIEW HIGH SCHOOL**

10850 W. Garden Lakes Parkway  
Avondale, Arizona 85323  
623.478.4600 (main)  
623.478.4601 (attendance)



## INTRODUCTION

The Tolleson Union High School District (TUHSD) is located in the southwestern part of the greater Phoenix metropolitan area. The district is comprised of students residing in the city of Tolleson as well as parts of Phoenix, Glendale, and Avondale. Five elementary school districts surrounding the Tolleson Union High School District provide students for our high schools.

The district has seven high schools: Tolleson Union, Westview, La Joya Community, Copper Canyon, Sierra Linda, West Point and University High. TUHSD also offers learning opportunities in an online setting through Distance Learning Academy and two alternative education programs, James A. Green Continuing Education Academy and Lighthouse Academy.

## CHILD FIND NOTICE

Child find is a component of the Individuals with Disabilities Education Act of 2004 (IDEA '04) that requires states to locate, identify, and evaluate all children with disabilities, aged birth through 21. The Arizona Initiative for child find is referred to as AZ FIND.

Through Child Find processes, TUHSD is looking for any high school aged student who may need early intervention or special education services via specialized instruction and/or specialized equipment. For all students new to the district, a teacher will complete screening activities within 45 calendar days of enrollment. The teacher and counselor will look at the student's ability in the areas of academics, vision, hearing, adaptive, communication, social/emotional and motor skills. If any concerns are noted, the student may be referred for additional support.

If you are aware of a child who may need special education services, please contact the high school.

## NOTIFICATION OF NON-DISCRIMINATION

Tolleson Union High School District does not discriminate on the basis of race, color, national origin, gender, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. TUHSD also does not discriminate in its hiring or employment practices.

This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator, Office of the Superintendent, Tolleson Union High School District, 9801 W. Van Buren, Tolleson, AZ 85353, (623) 478-4000.

## CONCERNS AND COMPLAINTS PROCESS

It is the objective of the Tolleson Union High School District to resolve any concerns or complaints at the lowest level, starting first with the classroom teacher before progressing to site administration, and then on to the administrators at the District Office. The district has comprehensive policies to address public concerns and complaints related to personnel, instructional resources, or facilities and services. More information on these policies and the complaint process can be found through the principal's office at your school and in the policy section KE-Public Concerns in the Governing Board Policy Manual.

The Tolleson Union Governing Board Policy Manual is available in its entirety on the Internet at <http://www.tuhsd.org/>. Select *About Us*, select *Governing Board*, select *Arizona School Boards Association*, select *School District Policy Manuals*, click on *Free Public Access*, and choose *Tolleson Union High District #214*.

## GENERAL INFORMATION

This course guide contains a list of high school (9<sup>th</sup>-12<sup>th</sup> grade) courses that are offered in Tolleson Union High School District (TUHSD) Schools. Graduation requirements, course prerequisites and other pertinent information are included in this guide. Students need to carefully review their options in order to make informed decisions about courses they will take to prepare them for postsecondary opportunities. It is critical to review graduation requirements before selecting courses. Technical schools, community colleges, and universities have unique requirements for entrance that may go beyond what is required to earn a high school diploma. When selecting courses, it is important to make sure that prerequisite requirements are met, but to also consider any postsecondary requirements as well. Student course selections are used to develop each school's master schedule as well as to hire and assign teachers. If sufficient requests are not received, a course may not be available. Students should have an alternative elective course in mind if a course is cancelled.

### HIGH SCHOOL GRADUATION REQUIREMENTS FOR TUHSD

Each student must successfully complete a minimum of twenty-two (22) credits. Specific requirements by subjects are as follows:

English	(4.0)	US/AZ History/Geography	(1.0)
Math	(4.0)	Economics	(0.5)
Science	(3.0)	US/AZ Government	(0.5)
Wellness*	(1.0)	Fine Arts or CTE	(1.0)
World History/Geography	(1.0)	Electives	(6.0)

\*Beginning with the TUHSD Graduating Class of 2022, the Wellness requirement can be fulfilled by the successful completion of 1 full credit of PE/Health, Varsity (Marching) Band/Flag Line, ROTC, Dance, or WPHS's Leadership Academy.

In addition to the credit requirement, students are responsible for meeting Arizona State Board of Education testing requirements as well as completing a State required Education Career Action Plan (ECAP).

Civics Assessment required. Specific passing rates for each cohort are listed below in the "Civics State Assessment Graduation Requirements" section

### GUIDELINES FOR COMPLETION OF GRADUATION REQUIREMENTS

- A student shall successfully complete subject-area course requirements incorporating essential skills and competencies from the course of study adopted by the Governing Board and in accordance with the District adopted grading system.
- In lieu of enrolling in and completing a course in the traditional fashion, a student may request to take the *district-required assessment(s)* for a course in an attempt to demonstrate knowledge and mastery of the essential skills, standards, and competencies adopted by the Governing Board and potentially receive credit towards graduation. Students who earn a 70% or better on the *district-required assessment(s)* will receive a "P" on their transcript and high school credit for their course. A "P" reflects credit was earned. "P"'s are excluded from grade point average (GPA) and class rank calculations. Courses taken prior to high school enrollment may not count towards high school graduation requirements.

The test out option is not available for Advanced Placement or Dual Enrollment courses. The test out option does not meet NCAA eligibility requirements.

To initiate this option:

- Inform counselor of desire to test out of a course.
  - The Assistant Principal or designee will administer and evaluate the assessment process and report status to the counselor who will inform the student of their status.
- A student may enroll in summer school or online classes within the district. Prior approval from the school counselor must be obtained in order to determine which course(s) may be taken in order to fulfill graduation requirements. Courses taken from outside of the district and without prior approval fall within the Course Placement and Transfer Procedures found on page 8 of this guide.
  - TUHSD will award a diploma to any student who completes graduation requirements by earning appropriate credit at any in-district school.

- First semester senior year transfer students must enroll in classes that place them on track for graduation and be enrolled throughout both semesters of their graduation year. Students who transfer during the final semester of their senior year must earn two (2) TUHSD credits in order to be eligible for a TUHSD diploma.
- It is the responsibility of each student to inform the Counseling Department of his/her intention to complete requirements for graduation for purpose of participation in graduation ceremonies.
- Students who desire to graduate in **FEWER THAN FOUR (4) YEARS** must petition the administration at least one semester prior to completing the requirements necessary for graduation.
- Students may elect to return for a 9<sup>th</sup> semester or a 5<sup>th</sup> year of high school if graduation requirements are not met. At the end of four (4) years of course work, a student may pre-register for classes if it is apparent that graduation requirements will not be met. Additionally, students will be encouraged to complete coursework in the summer prior to their fifth year.

### **CIVICS STATE ASSESSMENT GRADUATION REQUIREMENTS**

Students are required to pass a Civics Test in order to graduate. Students in cohort 2023, 2024, and 2025 must receive a minimum of 60% on this test in order to meet this graduation requirement. Starting with the cohort of 2026, 70% will be required. Students will have various opportunities throughout the school year to take this test. Students who have a valid score from another school will receive credit for that assessment.

### **REGISTRATION**

Registration of current eighth, ninth, tenth, and eleventh grade students for enrollment in high school for the following year will begin prior to January of the current school year. Actual registration procedures will be completed through the Parent Vue account. Counselors will visit with each high school student and students at partner elementary schools to support the registration process each fall. All questions about specific course offerings and graduation requirements should be directed to the counselors. Incoming 8<sup>th</sup> graders are required to finalize registration online at [www.tuhsd.org](http://www.tuhsd.org).

Parents of all new and returning students are required to review their student information through the ParentVue portal at the beginning of the new school year. Returning students are required to review student information and sign required documentation through ParentVue.

### **RECOMMENDED MINIMUM COURSE OF STUDY FOR ALL STUDENTS EXTRA CURRICULAR AND CO-CURRICULAR STANDARDS POLICY**

Freshman Year	Credit(s)	Sophomore Year	Credit(s)
Algebra I	1.0	Geometry	1.0
English	1.0	English	1.0
Conceptual Physical Science	1.0	World History/Geography	1.0
Foreign Language	1.0	Chemistry	1.0
Health/PE	1.0	Foreign Language	1.0
Elective	1.0	Elective	1.0
Junior Year	Credit(s)	Senior Year	Credit(s)
Algebra II	1.0	Math	1.0
English	1.0	English	1.0
United States/Arizona History and Geography	1.0	United States/Arizona Government	0.5
Biology	1.0	Economics	0.5
Fine Arts or CTE	1.0	Elective	3.0
Elective	1.0		

Every college and university has its own entrance requirements.  
Students need to contact the college/university they are interested in attending to learn of other entrance requirements.

TUHSD offers online courses for students to earn credit towards graduation via our Distance Learning Academy (DLA). While enrolled at DLA, students will take their academic courses using Canvas. Students will communicate with teachers through Microsoft TEAMS. Additional information can be found on page 11 of this guide as well as within the various course descriptions where online opportunities exist. See your home school guidance counselor for more information.

Tolleson Union High School District has a co-curricular policy for its students. If a student is interested in participating in any sport or organization, he/she should obtain information from the Administration Office at his/her school.

### **COURSE PLACEMENT AND TRANSFER: DETERMINING COMPETENCY FOR CREDITS REQUIRED FOR GRADUATION**

It is necessary to standardize other ways by which a student may earn high school credit and satisfy graduation requirements. Transfer students who plan to graduate from a TUHSD high school will be held responsible for District graduation requirements. In addition, students who transfer during the final semester of their senior year must earn two (2) TUHSD credits in order to be eligible for a TUHSD diploma. Please refer to policy JFABC, Admission of Transfer Student (Academic Transfer Credits).

Acceptance of transfer credits from sources outside the TUHSD is not automatic. Coursework completed outside of the district may be accepted as elective credit. If a student wishes for it to be considered as core credit, he or she must request to take the End of Course Assessment within 10 days of receiving notification of courses accepted as elective credit and earn a grade of 60% or better. It is recommended that students meet with their counselor if enrolling in courses outside the TUHSD to clarify whether the credit will be considered as an elective or core and to review the process that must be followed.

A transfer credit may or may not:

- Count toward the number of credits required for graduation
- Fulfill a subject area graduation requirement
- Be used to calculate grade point average
- Be weighted or not weighted, honors courses completed in another district must correlate with TUHSD honors courses in order for weighted credit to be considered
- Meet the entrance requirements for Arizona universities

### **TESTING OUT FOR CREDIT**

The following guidelines are for students requesting to test out of (or challenge) a course for credit. The purpose of a test out is to allow students the opportunity to demonstrate course competencies and to earn high school credit in lieu of completing the course via an assessment process. The option is open to all enrolled high school students and may be initiated by a student, parent/guardian, counselor, administrator, or teacher. The test out option is not available for Advanced Placement or Dual Enrollment courses.

1. Inform counselor of desire to test out of a course.
2. The Assistant Principal or designee will administer and evaluate the assessment process and report status to the counselor who will inform the student of their status.

### **ADVANCED, PRE-AP AND ADVANCED PLACEMENT (AP) COURSES**

All students are eligible to enroll in advanced, pre-AP and AP courses pending successful completion of prerequisite courses. Parent request, school counselor, and teacher recommendations will be key factors in placement in advanced, pre-AP and AP courses. Students will earn additional weights for grades of A, B, or C only.

By taking college-level Advanced Placement (AP) courses, students have the opportunity to explore areas that might otherwise remain unexplored. Through the AP exam system, students can earn credit or advanced standing at most colleges and universities. Students will earn additional weights for grades of A, B, or C only. All students enrolled in an AP course are highly encouraged to take the College Board's examination for that given course. There is no test out option available for AP course credit. (See Testing Out for Credit above).

Note: There is a fee to take the AP exam; payable in campus bookstore.



## DUAL ENROLLMENT/CONCURRENT ENROLLMENT

Students may receive both high school and community college credit while enrolled in TUHSD courses that are taught by TUHSD teachers who are approved to offer dual enrollment credit through Maricopa Community Colleges District (MCCCD) schools. Students may also receive concurrent enrollment credit if accepted to and enrolled in an approved MCCCD program (i.e., Achieving College Education (ACE) or Hoop of Learning Program).

There is no test out option available for Dual Enrollment course credit. (See Testing Out for Credit above).

Note: Tuition fee payments are required to enroll for dual enrollment opportunities.

## GRADING SYSTEM

The district has adopted a two-level, weighted grading system. Advanced Placement (AP) and pre-AP earn an extra point for a "C" or higher. Approved summer school courses are included in the grade point average (GPA).

The following grade point system is used to calculate GPA, Honor Roll, and Class Rank:

<u>Letter Grade/Indicator</u>	<u>Percent Range</u>	<u>Accelerated Points</u>	<u>Regular Points</u>
A – Superior	90-100%	5.0	4.0
B – Good	80-89%	4.0	3.0
C – Average	70-79%	3.0	2.0
D – Below Average	60-69%	1.0	1.0
F – Fail	59% and below	0.0	0.0
P – Pass	N/A	N/A	N/A
I – Incomplete	N/A	N/A	N/A
AU – Audit	N/A	N/A	N/A
NC – No Credit	N/A	N/A	N/A

The district includes grade points for all courses except teacher aide and those for which students earn credit through test out. For these courses, a letter grade of "P" or "F" is given. Students who pass are awarded elective credit, but no points are accumulated toward GPA.

A grade indicator of "I" may be used by a teacher at the end of the grading period whenever a student, due to illness or extenuating circumstances, has not had sufficient time to demonstrate mastery of course requirements. Students will have 15 days following the completion of a semester to make-up all work and receive a letter grade.

## PROGRESS REPORTS/REPORT CARDS

Parents and students are highly encouraged to monitor student progress via Parent/Student Vue. This is available online or via an app. Final grade reports for each semester can be printed from this online resource for personal records. Those unable to print out grade reports are welcome to request a copy from the school. Only the final grade for each semester is entered on the student's official transcript.

## REPEATING COURSES

Though all courses may be repeated to raise a grade, core credit toward graduation is only earned once for any class. In the case of a repeated core course, only the higher grade is documented for core credit.

## QUALIFICATIONS FOR ACADEMIC HONORS

A student may qualify for Academic Honors at their high school by earning a minimum weighted semester Grade Point Average (GPA).

## GRADUATION HONORS

The schools will recognize the top 1% of each school's graduation class as graduating with Highest Distinction, the top 3% with High Distinction, and the top 10% with Distinction.

## FOREIGN EXCHANGE STUDENT POLICY

Tolleson Union High School District supports and encourages its students to broaden their educational experience and cultural awareness by participating in a foreign exchange program. To ensure quality and continuity in a student's academic growth, the following rules and procedures will apply to all foreign exchange program participants:

- The foreign exchange program must be recognized and approved by the Arizona Department of Education.
- The student must obtain a recommendation from his/her advisor and permission from the principal.

- The student's grade point average is not affected by participation in a foreign exchange program.
- The student's class rank will be reinstated upon re-enrollment in the Tolleson Union High School District. During the period the student is participating in the foreign exchange program, he/she will be acknowledged for the purposes of college scholarships as being in the top five (5) or ten (10) percent of his/her class only, providing his/her class rank at the time of entering the foreign exchange program qualifies him/her for such recognition

## **ARIZONA UNIVERSITIES**

### Academic Competency Requirement

The Arizona Board of Regents, the governing body for the three state universities, has established a more detailed list of entrance requirements for their schools as noted below:

#### ENGLISH - GRAMMAR, COMPOSITION, LITERARY ANALYSIS – 4 YEARS/UNITS

Elective courses such as Journalism, Creative Writing, Academic Journalims, Speech, and any others not devoted exclusively to the study of English may not be substituted for a required English course.

#### MATHEMATICS – 4 YEARS/UNITS

Algebra I; Geometry; Algebra II; any advanced math course in which Algebra II is a prerequisite, i.e., College Algebra, Pre-Calculus, Calculus, Statistics.

#### LABORATORY SCIENCE – 3 YEARS/UNITS

Conceptual Physical Science; Physics First; Biology; Anatomy & Physiology; Chemistry; Physics, Geology. An advanced level (e.g., Advanced Placement [AP] or honor course) to a subject completed previously can be used for a third year/unit.

#### HISTORY & SOCIAL SCIENCES – 2 YEARS/UNITS

One year/unit of American History and one year/unit of an additional social science such as Geography, U.S. Government, Psychology, Anthropology, European or World History, Economics or Sociology.

#### FOREIGN LANGUAGE – 2 YEARS/UNITS


Two units of the same foreign language; a third year is recommended.

#### CTE OR FINE ARTS – 1 YEAR/UNIT

A unit of the same CTE class or same Fine Arts class is required.

**Course applicability to competency requirements will be considered on a case-by-case basis for all courses.**

## **COLLEGE BOUND STUDENT ATHLETES**

The National Collegiate Athletic Association (NCAA) governs collegiate athletics. An important responsibility of this organization is to determine the eligibility of the college bound student athlete. In order to play a sport in college, high school students must meet a specific set of academic standards. Certification of eligibility will be determined by three elements, core courses, GPA and ACT/SAT test scores. Core courses are those which have been deemed as college preparatory and found in the English, Math, Science, Social Studies, and World Languages departments. A passing grade (A, B, or C) must be earned in these courses for them to count toward eligibility. It is the responsibility of the student to make sure that he/she has met any additional required standards. TUHSD courses that have been accepted as NCAA eligible are noted within this guide. 

For students entering any Division I or II college or university on or after August 1, 2018, their NCAA initial eligibility will be evaluated as described below.

#### DIVISION I

- Complete 16 core courses/ 10 of which must be completed prior to the seventh semester (7 out of 10 must be in English, math, or science).
  - 4 English
  - 3 Math (Algebra I or higher)
  - 2 Natural/Physical Science
  - 2 Social Science
  - 1 Additional year of English, math or natural/physical science
  - 4 Additional (World Languages or from the above listed categories)
- Earn a core-course GPA of at least 2.300

#### DIVISION II

- Complete 16 core courses.
  - 3 English
  - 2 Math (Algebra I or higher)
  - 2 Natural/Physical Science
  - 2 Social Science
  - 3 Additional years of English, math or natural/physical science
  - 4 Additional (World Languages or from the above listed categories)
- Earn a core-course GPA of at least 2.200

- Earn the ACT/SAT score matching your core-course GPA on the aligned sliding scale (see your counselor for this information).
- Graduate high school
- Earn the ACT/SAT score matching your core-course GPA on the aligned sliding scale (see your counselor for this information).
- Graduate high school

More information can be obtained by speaking with a high school coach or guidance counselor. Additional information is available by visiting the District website at [www.tuhsd.org](http://www.tuhsd.org) or the NCAA Eligibility Center website at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) or by calling toll free 1-877-622-2321. **ADDITIONAL TUHSD EDUCATIONAL OPPORTUNITIES**

### **Distance Learning Academy (DLA)**

Through the District's DLA, students may engage in online learning in order to earn high school credit toward graduation. DLA provides online classes to students in grades 9-12 and currently offers courses in the areas of Math, Science, Social studies, Language arts, PVA, World Language, Health/PE, & CTE. DLA is an extension of the Tolleson Union High School District and provides students with a learning experience that is different from the typical classroom. Students will become familiar with our learning management system and the online course environment that is increasingly used in community colleges and universities. Course instructors meet Arizona teacher certification requirements for the area they teach. DLA teachers are district employees and, as such, have been cleared via appropriate hiring procedures.

Courses offered through DLA are approved by the Arizona Board of Regents. DLA courses are pending review for NCAA approval. For more information on classes and registration, please refer to the TUHSD home website at <https://tuhsd.org>.

### **Alternative Education Programs**

The **James A. Green Continuing Education** and **Lighthouse Academies** are alternative education programs that are in the Tolleson Union High School District. Each is designed to provide at-risk and/or disaffected youths a non-traditional high school program that will meet the academic, vocational, social, and emotional needs of the individual student, thus allowing him/her to work toward obtaining their high school diploma. In addition, multiple instructional and support services will be provided to assist students in developing responsible patterns of behavior, including increased and sustained academic productivity and age-appropriate social interaction. An administrative referral is required for admission consideration to Lighthouse Academy. More information about both programs can be obtained at each high school's counseling office.

### **Summer School**

Summer school is offered by the Tolleson Union High School District and is open to incoming ninth through twelfth grade students. More information can be obtained at each high school's counseling office.

### **University High School**

University High School is a research-based college preparatory school designed to serve students with demonstrated desire and academic ability residing in the Tolleson Union High School District. Research indicates rigorous high school experiences, which are sustained for several years, support students as they move on to further academic challenges. Sustained academic rigor provides students with distinct opportunities to develop skills, knowledge, and attitudes required for university success. Students are considered for UHS via an application process. See page 48 for additional information.

### **West Point Leadership Academy**

Students who attend West Point High School have an opportunity that is unique and limited only to this TUHSD campus. Staff at West Point Leadership Academy (WPLA) strive to support students in cultivating individual leadership competencies and potential through specific leadership training and service learning. See page 49 for additional information.

## TUHSD COURSE OFFERINGS

Courses listed in this course description guide are proposed for the 2023-2024 school year in the Tolleson Union High School District. The final decision to offer a class will be dependent on the following factors:

- Classroom space.
- Availability of a certified/highly qualified teacher.
- Meets minimum enrollment standards; and
- Ability of the District to financially support the class.

Course titles may be edited and/or courses may be added as the need arises or as they are developed and approved in order to best prepare TUHSD students to be College, Career and Life-ready.

Tolleson Union High School District course offerings are not available at every campus. Open Enrollment (OE) to schools within the district may be an option. Please check with counselors for course availability by campus and for OE application information. In the event open enrollment is granted to a student, parents/guardians are responsible for providing transportation to/from school.

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# CAREER AND TECHNICAL EDUCATION (CTE)

Tolleson Union High School District Career and Technical Education (CTE) teachers respond to the needs of the ever- changing global economy by better training and preparing future employees through the use of the CTE Total Program Delivery Model (below). Through the CTE Total Program Delivery Model, students are prepared for a wide range of careers. These careers require varying levels of education - from high school diplomas and industry or post-secondary certificates to college degrees. Many of the CTE programs in TUHSD offer the opportunity for students to earn community college credit upon successful completion of their class.



Career & Technical Education covers a variety of challenging fields, which are constantly evolving due to the changing global economy. Some of the career areas that students may enter through Career & Technical Education in the Tolleson Union High School District include:

**CTE Programs of Study**

**Career Pathway Opportunities (include but not limited to)**

Automotive Technology	automotive maintenance, automotive repair, auto engineer
Business Operations	data entry, management, filing, record management, entrepreneurship, insurance, risk management
Construction Building Trades	construction, framer, finisher, plumber, brick masonry, electrician, drywall installation, cement work/finisher, roofer, architect, carpentry, cabinet making, engineer, furniture maker, data communications
Culinary Arts	personal/pastry chef, prep cook, executive chef, food & beverage handler, recipe developer & taster, food critic, restaurant publicist, food service manager, food stager, dietary journalist, dietician
Digital Communications	photographer, graphic designer, newscaster, videographer, writer/author, producer, radio, editor
Digital Photography	magazine photographer/editor, studio photographer, fashion photographer/editor, photojournalist, food photographer/stylist, commercial photographer, forensic/medical photographer, architect/real estate photographer, imager processor/re-toucher
Early Childhood Education	childcare provider, preschool teacher/director, paraprofessional, nanny, teaching assistant, K-2 teacher, special services teacher, guidance counselor, educational administrator, social worker, pediatric physical/speech therapist, parent educator
Education Professions	elementary or high school teacher, school counselor, principal, professor, speech therapist, instructional assistant
Engineering	mechanical/industrial/audio/optical/analog/design/structural/ field/civil/computer/ ergonomic/electronics engineer, project manager, product developer, safety architect, city planner, transportation designer, data scientist
Fashion Design & Merchandising	costume/fashion designer, graphic artist, pattern maker, accessory designer, fashion journalist/illustrator/stylist, trend forecaster, clothing buyer, merchandiser, showroom manager, display coordinator, retail buyer/manager, textile designer
Finance	finance, banking, real estate, bookkeeping, insurance, economist, financial analyst, stockbroker
Graphic Design	advertising associate, creative director, design consultant, digital designer, graphic artist, illustrator, logo designer, marketing and promotions manager, social media specialist
Law & Public Safety	criminal justice and law enforcement teacher, investigation and security service, intelligence analyst, loss prevention manager, protection officer, asset protection specialist
Medical Assistant Services	medical assistant, medical office assistant, medical insurance coding/billing, patient prep, x-ray technician, phlebotomist, nursing assistant, nurse, pharmaceutical representative
Marine Corps Junior ROTC	officer & enlisted service, infantry, field artillery, linguist, logistics, intelligence, navigation, communications, personal & administration, public affairs, legal services
Marketing	business owner, entrepreneur, advertising, public relations, brand developer/ manager, media or communications director
Music & Audio Production	acoustical consultant, audio designer/developer/director, broadcast engineer or technician, audio maintenance, recording engineer, radio announcer, announcer, soundtrack mixer, studio owner/operator, ADE engineer/mixer/recordist, video game audio engineer
Software Development & App Design	software developer, computer programmer, code developer/writer, hardware/software support/analyst, software engineer
Sports Medicine & Rehabilitation Services	athletic trainer, physical therapist, therapist assistant, physical therapist technician, occupational therapist, physician assistant, persona trainer, chiropractic assistant technician, massage therapist, chiropractor, doctor
Welding Technologies	welder, solder, metal cutter, welding engineer, construction welder, plumber, ironworker, pipe fitter, metal engineer, metallurgist, fabricator, artist

Programs are reviewed annually and updated to reflect alignment with business/industry standards. Rigorous Arizona academic standards are also taught to prepare students to meet the demands of our changing economy. CTE classes develop the skills most sought after by employers including strong academic and critical thinking skills, strong technical skills, and employability skills of teamwork, communication, and effective work habits.



## BUSINESS, MARKETING AND MANAGEMENT

Scan this QR code to access our CTE website!

Students must successfully complete a sequence of course work within a program area to be considered as a prospective Program Concentrator.

- Business Operations
- Financial Services
- Graphic Design
- Marketing

### ❖ *Business Operations*

Students who successfully complete the Business Operations Program will be adequately prepared to perform the duties of administrative assistants and/or business owners. The program includes instruction in business communications, principles of business law, word processing and data entry, office machines operations and maintenance, office procedures, public relations, bookkeeping, filing systems and records management, and report preparation. Students will also have opportunities to earn Microsoft Office Specialist (MOS) certifications (Word; Excel; PowerPoint; Outlook; Access; Word Expert; Excel Expert). This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grade 9-11: Business Operations 1-2
- Grade 10-12: Business Operations 3-4
- Grade 12: Business Operations Internship

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#### **BUSINESS OPERATIONS 1-2**

##### **COURSE #8700-01**

**Course Length:** 2 semesters

**Grade Level:** 9-11

AZ12002

**Prerequisite:** None

**Course Description:** Students will participate in a small business community work-flow simulation. By managing one of the businesses, students are responsible for the daily operations of that business and will learn to interact with other business managers. Students will become familiar with the structure of all businesses, large and small. Students will be prepared to earn MOS (Microsoft Office Suite™) certifications; opportunities to test via online exams will be available.

**NOTE: Dual Enrollment may be offered for this course.**

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#### **BUSINESS OPERATIONS 3-4**

##### **COURSE #8702-03**

**Course Length:** 2 semesters

**Grade Level:** 10-12

AZ12004

**Prerequisite:** Successful completion of Business Operations 1-2

**Course Description:** Students will utilize business operations skills developed in the course to complete business projects for the faculty, staff and community business owners. The course will review business ethics, the development of appropriate human relations skills and managing a staff in a business environment. Students will be prepared to earn MOS (Microsoft Office Suite™) certifications; opportunities to test via online exams will be available.

**NOTE: Dual Enrollment may be offered for this course.**

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#### **BUSINESS OPERATIONS INTERNSHIP**

##### **COURSE #8704-05**

**Course Length:** 2 semesters

**Grade Level:** 12 (students

must be a minimum of age 16)

AZ12049

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment

**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into a structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credits per semester.

**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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### ❖ *Finance*

Students who successfully complete the Finance Program of instruction will be adequately prepared to understand personal business-economic issues, solve problems, and enter the labor market in financial institutions, including banking, insurance, and investments. Students will also have opportunities to earn Microsoft Office Specialist (MOS/Word; Excel; PowerPoint; Outlook; Access; Word Expert; Excel Expert) and NAFTrack Certifications. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grade 9-11: Personal Finance 1-2
- Grade 10-12: Finance in the World of Work 3-4
- Grade 12: Financial Services Internship

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#### **PERSONAL FINANCE 1-2**

##### **COURSE #8615-16**

**Course Length:** 2 semesters

**Grade Level:** 9-11

AZ12101

**Prerequisite:** None

**Course Description:** Students will develop workplace job competence using the ten-key touch method; solve common business and personal math problems using a calculator and Excel; understand the value and importance of calculators in business; improve basic arithmetic skills; and develop skills for personal budget, check writing, reconciliation, credit, etc.



**FINANCE IN THE WORLD OF WORK 3-4**  
**COURSE #8653-54**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ12103

**Prerequisite:** Successful completion of Personal Finance 1-2  
**Course Description:** This course introduces students to personal business-economic issues and problem-solving related to financial institutions including banking, insurance and investments. Students may be involved in a school site enterprise as part of the course.  
**NOTE: Dual Enrollment may be offered for this course.**  
**NOTE: Successful completion of the Financial Services coherent sequence of courses may meet the Economics graduation requirement.**

**FINANCIAL SERVICES INTERNSHIP**  
**COURSE #8657-58**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum age of 16)  
AZ12122

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into a structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credits per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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### ❖ *Graphic Design*

The graphic design instructional program prepares students to use technical expertise, creativity, and esthetic principles of design and create visual concepts that meet specific commercial or promotional needs, as well as inspire, inform, and captivate consumers. This program is designed and delivered as a coherent sequence of courses. Students who successfully complete this program will have the opportunity to earn the Adobe Certified Associate industry certification.

Recommended Courses:

- Grade 9-11: Graphic Design 1-2
- Grade 10-12: Graphic Design 3-4
- Grade 12: Graphic Design Internship

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**GRAPHIC DESIGN 1-2**  
**COURSE #8976-77**  
**Course Length:** 2 semesters  
**Grade Level:** 9-11  
AZ

**Prerequisite:** None  
**Course Description:** This course is designed to give students an opportunity to explore and learn about technical expertise, creativity, and aesthetic principles of design and visual concept design and development. Students will explore the history and societal and economic impact of the graphic design industry and will examine legal and ethical considerations and business best practices unique to graphic design and related industries.  
**NOTE: Dual Enrollment may be offered for this course.**

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**GRAPHIC DESIGN 3-4**  
**COURSE #8978-79**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ

**Prerequisite:** Successful completion of Graphic Design 1-2  
**Course Description:** The second course in this program will afford students the chance to develop an understanding of the operation and maintenance of specialized computer hardware and design-related technology tools. Throughout the program, students will learn and practice valuable real-world skills using industry standard graphic design software to create professional-grade design projects.  
**NOTE: Dual Enrollment may be offered for this course.**

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**GRAPHIC DESIGN INTERNSHIP**  
**COURSE #8980-81**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum age of 16)  
AZ

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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### ❖ *Marketing*

Students will acquire technical skills as well as skills in critical thinking, applied academics, career development, and life management. There will be opportunities to learn business, economic and leadership skills required for entry into marketing, management, and entrepreneurial occupations. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grade 9-11: Marketing 1-2
- Grade 10-12: Marketing & Economics 3-4
- Grade 12: Marketing Internship

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**MARKETING 1-2**  
**COURSE #8571-72**  
**Course Length:** 2 semesters  
**Grade Level:** 9-11  
AZ12916

**Prerequisite:** None  
**Course Description:** This course is designed to give students opportunities to explore and understand marketing, management, and entrepreneurial principles.  
**NOTE: Dual Enrollment may be offered for this course.**

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**MARKETING & ECONOMICS 3-4**  
**COURSE #8573-74**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ12202

**Prerequisite:** Successful completion of Marketing 1-2  
**Course Description:** This year-long course is designed to prepare students for employment in various sales, customer service, advertising and promotion, and first-line supervisory positions in wholesale, retail, and service establishments.  
**NOTE: Successful completion of Marketing 1-2 (#8571-72) and Marketing & Economics 3-4 (#8573-74) may meet the Economics graduation requirement.**



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**MARKETING INTERNSHIP  
COURSE #8577-78**

**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum age of 16)  
AZ12922

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment

**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.

**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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## **COMMUNICATION & INFORMATION TECHNOLOGY SYSTEMS**

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The Communication and Information Technology Systems program is designed to prepare students for employment related to the information technology industry. The program options are Webpage Design or Software Development (Programming). Students must enroll in year-long classes within the same option of this program to be considered as a prospective program concentrator. See recommended course sequence for specific course names. Students must successfully complete a sequence of course work within a program area to be considered as a prospective Program Concentrator. Digital Communication students will have opportunities to earn Adobe Certified Associate (ACA) credentials (ACA). Students in Software Development & App Design will have opportunities to earn Microsoft Technology Associate (MTA) certifications. These programs are designed and delivered as a coherent sequence of courses.

- Coding/Software Development & App Design
- Digital Communications
- Digital Photography
- Music & Audio Production
- Stagecraft

### **❖ Coding**

The Coding program prepares students for a career as a software developer. The program prepares students to design and develop software, build apps for phones, tablets, and websites, and write and test computer code. These programs are designed and delivered as a coherent sequence of courses.

Recommended Courses:

Grade 9-11: Coding Fundamentals 1-2

Grade 10-12: Coding Applications 3-4

Grade 12: Information Technology Internship

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**CODING FUNDAMENTALS  
1-2**

**COURSE #8911-12**  
**Course Length:** 2 semesters  
**Grade Level:** 9-11  
AZ10906

**Prerequisite:** None

**Course Description:** The Coding Fundamentals instructional program prepares students to apply basic engineering principles and technical skills to support engineers in developing, implementing, and evaluating computer software and program applications. Throughout this program, students learn the following: program, programming languages, databases, user interfaces, networking, warehousing, encryption, security, software testing, and customization.

**NOTE: Dual Enrollment may be offered for this course.**

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**CODING APPLICATIONS 3-4  
COURSE #8923-24**

**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ10151

**Prerequisite:** Successful completion of Information Technology Fundamentals 1-2

**Course Description:** This course is an introduction to fundamental principles of computer science and algorithmic problem-solving. This course prepares students to apply software theory and programming methods to the solution of business data problems. It includes an exploration of contemporary topics in information technology.

**NOTE: Dual Enrollment may be offered for this course.**

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**INFORMATION  
TECHNOLOGY INTERNSHIP  
COURSE #8618-19**

**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum age of 16)  
AZ10918

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment

**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.

**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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### **Digital Communications**

Recommended Courses:

Grades 9-10: Introduction to Media Communications 1-2

Grades 10-11: Digital Communications 3-4

Grade 12: Digital Media Internship

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**INTRODUCTION TO MEDIA  
COMMUNICATIONS 1-2**

**COURSE #8956-57**  
**Course Length:** 2 semesters  
**Grade Level:** 9-10  
AZ11903

**Prerequisite: None**

**Course Description:** This introductory course is designed for students who have an interest in writing, editing, design and other types of media communications. Students will engage in hands-on activities including but not limited to the planning and publication of the school newspaper and yearbook and will also be members of the school's SkillsUSA Digital Communications chapter. The first part of the course will focus more on history and the foundational basics of the media industry and production. Students will create a resume and portfolio that showcases their best work (writing, photography, design, new media, etc.). This portfolio will be updated throughout the course and will continue to be so as part of the required work for both the Digital Communications programs. Students will also explore careers in multimedia journalism, digital communications, and digital photography related fields. ADE CTE Technical Standards for Digital Communications, Arizona Workplace Employability Skills, and Arizona College and Career Ready Standards will be integrated throughout the course.

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**DIGITAL COMMUNICATIONS 3-4**  
**COURSE #8958-59**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12  
AZ11101

**Prerequisite:** Successful completion of Introduction to Media Communications  
**Course Description:** The students will have hands-on involvement in the planning and publication of the school newspaper and yearbook and will also be members of the school's Skills USA Multimedia branch. The midterm for the course will be an "industry standard" style test from the Walter Cronkite School of Journalism and Mass Communications at Arizona State University. The final exam is an assessment from the state CTE department that has yet to be developed. Both will have pretests with them. ADE CTE Technical Standards for Digital Communications, Arizona Workplace Employability Skills, and Arizona College and Career Ready Standards will be integrated throughout the course.

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**DIGITAL MEDIA INTERNSHIP**  
**COURSE #8962-63**  
**Course Length:** 2 semesters  
**Grade Level:** 12  
AZ11918

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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❖ *Digital Photography*

Recommended Courses:

- Grades 9-10: Digital Photography 1-2
- Grades 10-11: Digital Photography 3-4
- Grade 12: Digital Media Internship

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**DIGITAL PHOTOGRAPHY 1-2**  
**COURSE #8950-51**  
**Course Length:** 2 semesters  
**Grade Level:** 9-10  
AZ11904

**Prerequisite:** None  
**Course Description:** This is a beginning level course in which students will learn camera function and photographic aesthetics. Digital Lab: students learn to store, edit, manipulate, and print color and black and white photography. Students will be required to purchase a flash drive and photo paper. Photography 1-2 will prepare students to be educated digital camera users as well as teach them the skills to manipulate digital pictures to enhance images and create desired effects. Students will learn to create interesting and strong compositions using the camera as their medium. Students will expand their knowledge and vocabulary as it relates to both contemporary and traditional photography. Students will apply these new understandings toward creating original, strong, interesting digital images. Students will have the opportunity to use technology to explore information on basic camera parts and functions, post-processing techniques, and careers. Students will be prepared to take the Microsoft Office Suite TM (MOUS) exam upon completion.

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**DIGITAL PHOTOGRAPHY 3-4**  
**COURSE #8952-53**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ11156

**Prerequisite:** Successful completion of Digital Photography 1-2  
**Course Description:** Advanced topics in photography will be investigated as a class and on an individual basis. Digital Lab: students will need to purchase a flash drive and photopaper for course projects. This course is designed to expand your understanding on the many features of digital cameras as well as shooting for various purposes. You will also further your knowledge in photo manipulation. It is necessary for you to put effort into the class in order to expand your creativity and photo composition techniques. Photography 3-4 will further prepare students to be educated digital camera users as well as teach them intermediate skills in manipulating and enhancing digital images to create desired effects. Students will use intermediate techniques to create interesting and strong compositions using the camera as their medium. Students will expand their knowledge and vocabulary as it relates to both contemporary and traditional photography. Students will expand these intermediate understandings toward creating original, strong, interesting digital images. Students will have the opportunity to use technology to explore information on basic camera parts and functions, post-processing techniques, and careers.

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**DIGITAL PHOTOGRAPHY INTERNSHIP**  
**COURSE #8948-49**  
**Course Length:** 2 semesters  
**Grade Level:** 12  
AZ11920

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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❖ *Music & Audio Production*

Throughout the Music and Audio Production instructional program, students learn and practice valuable real-world skills using industry standard audio editing software to create professional-grade media products. The Music and Audio Production Career and Technical Education program is delivered as a coherent sequence of courses designed to offer students the opportunity to gain knowledge and skills that meet the needs of the workplace. Students will maintain a portfolio of work to demonstrate their learning and mastery of content.

Recommended Courses:

- Grade 9-11: Music & Audio Production 1-2
- Grade 10-12: Music & Audio Production 3-4
- Grade 12: Music & Audio Production Internship

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**MUSIC & AUDIO PRODUCTION 1-2**  
**COURSE #8982-83**  
**Course Length:** 2 semesters  
**Grade Level:** 9-11  
AZ11905

**Prerequisite:** None  
**Course Description:** The introductory Music and Audio Production course will teach students technical knowledge and skills aligned to the production of sound recordings, film and video productions, live sound productions, broadcasts, video game productions or mixed media. Students will also explore the history and societal and economic impact of the music and audio production industry.  
**NOTE: Dual Enrollment may be offered for this course.**

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**MUSIC & AUDIO  
PRODUCTION 3-4  
COURSE #8984-85**  
Course Length: 2 semesters  
Grade Level: 10-12  
AZ11056

**Prerequisite:** Successful completion of Music & Audio Production 1-2  
**Course Description:** The advanced Music and Audio Production course will prepare students to apply technical knowledge and skills aligned to the production of sound recordings, film and video productions, live sound productions, broadcasts, video game productions or mixed media. Students who successfully complete the Music and Audio Production program's coherent sequence of instruction will develop an in-depth understanding of the setup, operation, and maintenance of specialized audio equipment. Students will also examine legal and ethical considerations and business best practices that are unique to the music and audio production industries.  
**NOTE: Dual Enrollment may be offered for this course.**

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**MUSIC & AUDIO  
PRODUCTION INTERNSHIP  
COURSE #8986-87**  
Course Length: 2 semesters  
Grade Level: 12 (students must be a minimum age of 16)  
AZ11921

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills to structured work experience with a local business or industry. Students spend at least five hours per week working in the internship and will earn 0.5 credits per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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## HUMAN SERVICES & RESOURCES

Students must successfully complete a sequence of course work within a program area to be considered as a prospective Program Concentrator.

- Culinary Arts
- Early Childhood Education
- Education Professions
- Fashion Design & Merchandising
- Law & Public Safety
- Marine Corps Junior ROTC

### ❖ Culinary Arts

Students successfully completing this program will be prepared to apply the technical knowledge and skills required for food production and service occupations in institutional and commercial food establishments. Skills developed in this program include food identification, selection, and storage; safety and sanitation; personal hygiene; and use of commercial equipment. Nutrition, special diets, and management of food establishments will also be addressed. Students will have opportunities to earn their Food Handlers Card and ServeSafe® Food Protection Manager certification. This program is designed and delivered as a coherent sequence of courses.

Recommended Course Sequence for Culinary Arts:

- Grades 10-11: Culinary Basics 1-2
- Grade 11-12: Culinary Production 3-4
- Grade 11-12: Professional Chef 5-6
- Grade 12: Culinary Arts Internship

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**CULINARY BASICS 1-2  
COURSE #5541-42**  
Course Length: 2 semesters  
Grade Level: 10-11  
AZ16058

**Prerequisite:** None  
**Course Description:** This course is designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts; laboratory practice will support classroom instruction/learning. Essential terminology, knowledge and skills/techniques are covered with an emphasis on basic kitchen safety, sanitation, and equipment maintenance and operation procedures. Students will have the opportunity to explore careers in the culinary industry as well as to practice professionalism and basic workplace employability skills.  
**NOTE: Dual Enrollment may be offered for this course.**

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**CULINARY PRODUCTION  
3-4  
COURSE #5544-45**  
Course Length: 2 semesters  
Grade Level: 11-12  
AZ16059

**Prerequisite:** Culinary Basics 1-2 and teacher recommendation  
**Course Description:** This course is designed to allow students to complete the Culinary Arts Program of Study leading them to post-secondary education and/or workforce opportunities in a food service field. Safety and sanitation procedures, the use of commercial equipment, and serving techniques will be reinforced and applied throughout the course. Students will apply technical knowledge and skills required menu planning, selecting, purchasing, storing, preparing, and serving quality food products. Students will prepare and test to earn a Maricopa County Food Handler's Certificate/Card.  
**NOTE: Dual Enrollment may be offered for this course.**

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**PROFESSIONAL CHEF 5-6  
COURSE #5548-49**  
Course Length: 2 semesters  
Grade Level: 11-12  
AZ16900

**Prerequisite:** Culinary Basics 3-4 and teacher recommendation  
**Course Description:** This course is an advanced and in-depth continuation of study in Culinary Arts for those students who have a sincere desire to pursue a postsecondary certificate or degree in the field or to enter the food service industry as a proficient employee. A strong focus is placed on refining hands-on production and service within a commercial kitchen. Students will have the opportunity to plan and participate in multiple work-based learning experiences and catering functions that will include both front and back-of-the-house hospitality operations. Students are required to earn a Maricopa County Food Handler's Certificate/Card.  
**NOTE: Dual Enrollment may be offered for this course.**

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**CULINARY ARTS  
INTERNSHIP  
COURSE #5552-53**  
Course Length: 2 semesters

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment

**Grade Level:** 12 (students must be a minimum of age 16)  
AZ16099

**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

### ❖ *Early Childhood Education*

The Early Childhood Education program is designed to prepare students for employment in early childhood settings. The program includes instruction in child growth and development, child health, nutrition, safety, planning and supervision of developmentally appropriate play and learning activities. Child guidance, family relationships, parenting and applicable legal and administrative requirements are addressed, as well. Preparation for the development and management of effective early childhood programs and facilities is included. Students in this program will have opportunities to earn CPR/AED Certification and to organize a portfolio of work aligned to the Child Development Associate (CDA) credential. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grades 9-11: Early Childhood 1-2
- Grades 10-12: Early Childhood 3-4
- Grade 12: Early Childhood Internship

**EARLY CHILDHOOD 1-2**  
**COURSE #5560-61**  
**Course Length:** 2 semesters  
**Grade Level:** 9-11  
AZ19052

**Prerequisite:** None  
**Course Description:** This is a year-long course designed to explore the physical, emotional, social and intellectual growth of children from the prenatal period to six years of age. It includes topics from the perspective of being a current/future parent and from the perspective of an early childhood professional. Units include preparing for parenthood, prenatal development, labor and delivery, and child development. Students will explore care and safety issues of young children. The class may also include a six-week session of playschool and/or an elementary school visit. This course prepares students for a career in early childhood education or other related careers.

**EARLY CHILDHOOD 3-4**  
**COURSE #5570-71**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ19153

**Prerequisite:** Successful completion of Early Childhood 1-2  
**Course Description:** This is an advanced course designed for students to gain specific information necessary for a successful career in early childhood education, such as childcare, teaching, nursing or any other career associated with children. Course participants will be familiar with the types of early childhood settings, creation of learning centers, and licensing and safety requirements for centers and personnel. They will also explore the legal and ethical aspects of working with young children. School-based learning experiences may include CPR training, elementary school experience and play school experience.  
**NOTE: Dual Enrollment may be offered for this course.**

**EARLY CHILDHOOD**  
**INTERNSHIP**  
**COURSE #5572-73**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum age of 16)  
AZ19171

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

### ❖ *Education Professions*

The program provides instruction in education career choices, education structure and systems, theory, pedagogy, developmental stages, learning styles and methodology. The program also provides interactive experiences with students at different age levels, in a variety of content areas in educational environments. The program utilizes a delivery system made up of four integral parts: formal/technical instruction, experiential/service-learning, supervised work-based learning and the student organization, Ed Professions. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grade 10-11: Future Teacher Education 1-2
- Grade 11-12: Future Teacher Education 3-4
- Grade 12: Future Teacher Education Internship

**FUTURE TEACHER 1-2**  
**COURSE #5501-02**  
**Course Length:** 2 semesters  
**Grade Level:** 10-11  
AZ19151

**Prerequisite:** None  
**Course Description:** This course provides students interested in becoming teachers or coaches with instruction in education career choices, education structure and systems, legal and ethical responsibility of educators. Students will learn about the developmental stages of children and education theory.  
**NOTE: Dual Enrollment may be offered for this course.**

**FUTURE TEACHER 3-4**  
**COURSE #5503-04**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12  
AZ19152

**Prerequisite:** Successful completion of Future Teacher 1-2  
**Course Description:** This course prepares students to work in an educational environment. Students will interact with others while using equipment and technology to prepare and deliver lessons. Students will work in classrooms to prepare and present lessons.  
**NOTE: Dual Enrollment may be offered for this course.**

**FUTURE TEACHER**  
**INTERNSHIP**  
**COURSE #5505-06**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum age of 16)  
AZ19161

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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## ❖ Fashion Design & Merchandising

Students successfully completing this program will be prepared for employment or advanced post-secondary coursework in apparel design and production, apparel manufacturing, apparel marketing and merchandising, and sales in the fashion industry. In addition to technical knowledge and skills, students completing this program will also develop advanced critical thinking, career development, applied academic, life and employability skills, basic business practices and leadership skills required for entry into fashion and merchandising occupations. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grade 9-11: Fashion 1-2
- Grade 10-12: Fashion 3-4
- Grade 12: Fashion Internship

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### FASHION 1-2

**COURSE #5531-32**

**Course Length:** 2 semesters

**Grade Level:** 9-11

AZ19924

**Prerequisite:** None

**Course Description:** The course is designed to prepare students with knowledge and skills associated with apparel design, apparel production, as well as apparel selection, purchase, sales and merchandising. The course will help prepare students for employment in various entry level positions in the apparel industry.

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### FASHION 3-4

**COURSE #5533-36**

**Course Length:** 2 semesters

**Grade Level:** 10-12

AZ19207

**Prerequisite:** Successful completion of Fashion 1-2

**Course Description:** This course is designed to prepare students to apply technical knowledge and skills for entry and intermediate level positions in the fashion industry and to pursue a degree in Fashion Design and Merchandising. This course emphasizes apparel design and construction, advanced illustration, draping, pattern making, computer assisted design, store operations and customer service. Students will also prepare a career and design portfolio, plan and prepare a fashion show featuring their own collections and participate in work-based learning. Students may have the opportunity to visit fashion businesses to experience real world fashion industry opportunities.

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### FASHION INTERNSHIP

**COURSE #5535-36**

**Course Length:** 2 semesters

**Grade Level:** 12 (students must be a minimum age of 16)

AZ19249

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment

**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.

**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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## ❖ Law & Public Safety

The Law, Public Safety and Security program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of Law, Public Safety and Security services. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with careers in this growing field. Students completing this program will be prepared to participate in teams, solve problems, think critically, and implement effective solutions. Students will also have opportunities to prepare for and earn industry aligned credentials.

Recommended Courses:

- Grade 9-11: Criminal Justice 1-2
- Grade 10-12: Law & Public Safety 3-4
- Grade 12: Law & Public Safety Internship

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### CRIMINAL JUSTICE 1-2

**COURSE #8970-71**

**Course Length:** 2 semesters

**Grade Level:** 9-11

AZ15101

**Prerequisite:** None

**Course Description:** This course emphasizes constitutional as well as practical law while providing opportunities for students to investigate topics such as the history and theory of law enforcement, the legal system including criminal law and juvenile justice. Additionally, this course will allow students to explore careers in law and public safety and exposes them to a variety of pathway options.

**NOTE: Dual Enrollment may be offered for this course.**

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### LAW & PUBLIC SAFETY 3-4

**COURSE #8972-73**

**Course Length:** 2 semesters

**Grade Level:** 10-12

AZ15103

**Prerequisite:** Successful completion of Criminal Justice 1-2

**Course Description:** This course prepares students to apply theories and practices of organizational management and criminal justice to the administration of public law enforcement agencies and operations. Students will learn about organizational and operational command leadership, administration of public police organizations, labor relations, incident response strategies, legal and regulatory responsibilities, budgeting, public relations, and organizational leadership. Students will engage in preparation for the industry credentials.

**NOTE: Dual Enrollment may be offered for this course.**

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### LAW & PUBLIC SAFETY INTERNSHIP

**COURSE #8974-75**

**Course Length:** 2 semesters

**Grade Level:** 12 (students must be a minimum age of 16)

AZ15099

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment

**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills to structured work experience with a local business or industry. Students spend at least five hours per week working in the internship and will earn 0.5 credits per semester.

**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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### ❖ *Marine Corps Junior ROTC (TUHS & WHS only)*

The MCJROTC Programs in the Tolleson Union High School District will develop character in our students allowing them to become informed citizens prepared to willingly accept the responsibilities of citizenship. It is a unique program that stresses the learning of leadership skills that will enhance the lives of the young adults who participate. Instructors focus on the four basic indicators of leadership: morale, proficiency, esprit de corps, and most importantly, discipline. The program provides students with an appreciation for the origin, advantages and responsibilities of citizenship, develops an understanding of leadership skills and the advantages of strong moral character, promotes an understanding for the need and application of national security, develops a sense of pride and personal discipline and responsibility, and develops an understanding and respect for constitutional authority as the foundation of a democratic society.

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**MCJROTC LEADERSHIP 1-2  
COURSE #6511-12**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12  
AZ09908

**Prerequisite:** Be physically qualified per Marine Corps Order P.1533.6  
**Course Description:** This course includes instruction in leadership and wellness. The areas of focus are patriotism, leadership fundamentals, followership, discipline, drill and ceremonies, Marine Corps history and organization, rifle safety, familiarization firing, money management, civic environmental responsibilities and wellness to include health, nutrition, first aid, stress, responsible lifestyles, etiquette, conflict resolution, substance abuse, physical fitness (present and lifelong).  
**NOTE: The successful completion of ROTC (Leadership 1-2) fulfills the PE requirement for graduation. Physical activity is required in this course.**

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**MCJROTC LEADERSHIP 3-4  
COURSE #6513-14**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ09909

**Prerequisite:** MCJROTC Leadership 1-2 and be physically qualified per Marine Corps Order P.1533.6  
**Course Description:** This course expands the skills learned in MCJROTC Leadership 1-2 to include, but not limited to, leadership principles, problem solving, inspection procedures, unit drill, sword manual, map reading, role of officers, physical fitness testing.

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**MCJROTC LEADERSHIP 5-6  
COURSE #6515-16**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12  
AZ09910

**Prerequisite:** MCJROTC Leadership 3-4 and be physically qualified per Marine Corps Order P.1533.6  
**Course Description:** This course will extend the skills learned in MCJROTC Leadership 3-4 and will include techniques of military instruction, fundamentals of command, group dynamics, world ideologies, physical fitness testing, and National Security Organization.

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**MCJROTC LEADERSHIP 7-8  
COURSE #6517-18**  
**Course Length:** 2 semesters  
**Grade Level:** 12  
AZ09911

**Prerequisite:** MCJROTC Leadership 5-6 and be physically qualified per Marine Corps Order P.1533.6  
**Course Description:** This select group will be given a special course in techniques of military instruction and subsequently assigned as assistant military instructors who will be required to teach military subjects and supervise in training underclassman in the MCJROTC Program.  
**NOTE: Cadet selection is based on academic accomplishments and leadership abilities with the approval of the Senior Marine Instructor. Cadets not considered to possess the attributes of an Assistant Marine Instructor will be notified individually in writing by the Senior Marine Instructor and will not be eligible to enroll.**

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## HEALTH SERVICES

### ❖ *Medical Assistant Services Program*

Students participating in this program will be prepared with foundations in knowledge and the technical skills needed to help them continue their education in the field of Medical Assisting Services by successfully completing an appropriate postsecondary program. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grade 9-11: Medical Foundations 1-2
- Grade 10-12: Medical Assistant 3-4
- Grade 12: Medical Assistant Internship

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**MEDICAL FOUNDATIONS 1-2  
COURSE #8118-8119**  
**Course Length:** 2 semesters  
**Grade Level:** 9-11  
AZ14918

**Prerequisites:** None  
**Course Description:** This course is designed for all students interested in allied health care such as athletic training, medical assisting, emergency medical technician, nursing, physical therapy doctor, and many others. It approves a foundation in allied health services, including administrative and clinical skills, medical ethics, HIPAA, anatomy and physiology as well as medical terminology, abbreviations, acronyms and symbols, patient scenarios, OSHA standards, first aid and CPR. Students will also explore careers in health-related fields.

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**MEDICAL ASSISTANT 3-4  
COURSE #8132-8133**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ14151

**Prerequisite:** Successful completion of Medical Foundations 1-2  
**Course Description:** This course allows students to apply skills learned in Medical Foundations 1-2 and prepares students for college and career opportunities in the allied health services industry. Students will learn about various body systems and illness/disease that affect them as well as be provided additional opportunities to learn about patient preparation, care, and treatment, drug classification, common side effects, medication & immunization records, diagnostic testing, lab safety procedures, urinalysis, blood components, skin puncture, culture preparation, specimen microscope use, professional attributes and job readiness skills. Upon completion of the Medical Assisting Services program students will have the opportunity to earn industry certifications.

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**MEDICAL ASSISTANT  
INTERNSHIP**  
**COURSE #8134-8135**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must  
be a minimum age of 16)  
AZ14933

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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### *Sports Medicine and Rehabilitation Services Program*

Students participating in this program will perform the technical services involved with planning, organizing, researching, directing, and controlling functions and processes related to the provision of select health care services. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grade 9-11: Sports Medicine 1-2
- Grade 10-12: Sports Medicine 3-4
- Grade 12: Sports Medicine Internship

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**SPORTS MEDICINE 1-2**  
**COURSE #8122-8123**  
**Course Length:** 2 semesters  
**Grade Level:** 9-11  
AZ14917

**Prerequisites:** None  
**Course Description:** This course is designed for all students interested in allied health care such as athletic training, medical assisting, emergency medical technician, nursing, physical therapy doctor, and many others. It approves a foundation in allied health services, including administrative and clinical skills, medical ethics, HIPAA, anatomy and physiology as well as medical terminology, abbreviations, acronyms and symbols, patient scenarios, OSHA standards, first aid and CPR. Students will also explore careers in health-related fields.

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**SPORTS MEDICINE 3-4**  
**COURSE #8124-8125**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
AZ14062

**Prerequisite:** Successful completion of Medical Foundations 1-2  
**Course Description:** This course is designed for all students interested in health care careers such as athletic training, nursing, physical therapy, doctor, and many more. It covers an understanding of human anatomy and basic body functions along with medical terminology. Students will have an introduction to x-rays, treatments, evaluation, and rehabilitation of athletic injuries.

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**SPORTS MEDICINE  
INTERNSHIP**  
**COURSE #8126-8127**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must  
be a minimum age of 16)  
AZ14932

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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## **INDUSTRIAL, MANUFACTURING & ENGINEERING SYSTEMS**

Students must successfully complete a sequence of course work within a program area to be considered as a prospective Program Concentrator.

- Automotive Technology
- Construction & Building Trades
- Engineering
- Welding Technology

### *❖ Automotive Technology (TUHS only)*

The Auto Tech program is designed to prepare individuals for jobs in the maintenance and mechanical repair of cars and light trucks. Students in this program will have opportunities to become Snap-On and ASE certified in G1, A1-A8, and AST. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

- Grades 9-10: Automotive Technology Core 1-2
- Grades 10-12: Automotive Technology 3-4 (blocked)
- Grade 12: Automotive Technology Internship

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**AUTOMOTIVE  
TECHNOLOGY CORE 1-2**  
**COURSE #6211-6212**  
**Grade Length:** 2 semesters  
**Grade Level:** 9-11  
AZ20900

**Prerequisite:** None  
**Course Description:** This course will introduce the student to standards in general automotive repairs, assessment and diagnostics. It is the prerequisite for Automotive Technology 3-4.

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**AUTOMOTIVE  
TECHNOLOGY 3-4**  
**COURSE #6213-6214**  
**Course Length:** 2 blocks/ 2  
semesters  
**Grade Level:** 10-12

**Prerequisite:** Successful completion of Automotive Technology Core 1-2  
**Course Description:** This 2-period block course gives students an opportunity to apply the skills learned in the first automotive course. This course emphasizes diagnosis and repair of different automotive systems while building good work habits and employability skills. The course prepares students completing this program to continue their education in an automotive program at a community college, technical school or university.

**AUTOMOTIVE TECHNOLOGY INTERNSHIP COURSE #6215-6216**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum age of 16)  
AZ20122

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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### ❖ *Engineering*

The Engineering program is designed to develop students' understanding of engineering problem-solving and design practices. The program will prepare students to apply fundamental scientific and mathematical laws and principles relevant to engineering and technology. Students will learn to use systems of measurement, apply engineering technologies and tools as well as learn about the different disciplines and opportunities within the field of engineering. The program is designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised occupational experience and leadership and personal development through the Career and Technical Student Organization, SkillsUSA.

Recommended Courses:

Grade 9-10: Engineering 1-2  
Grade 10-11: Engineering 3-4  
Grade 11-12: Engineering 5-6  
Grade 12: Engineering Internship

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**ENGINEERING 1-2 COURSE #6501-02**  
**Course Length:** 2 semesters  
**Grade Level:** 9-10  
AZ21001

**Prerequisite:** None  
**Course description:** This course will teach the basic knowledge of Engineering principles and systems such as the engineering process, design process, system analysis and control, focusing on the application of mathematical laws and principles.

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**ENGINEERING 3-4 COURSE #6503-04**  
**Course Length:** 2 semesters  
**Grade Level:** 10-11  
AZ21024

**Prerequisite:** Successful completion of Engineering 1-2  
**Course description:** This course provides an opportunity for students to apply the fundamentals in the world of new technologies emerging from engineering research such as nanotechnology, chemical, environmental, or mechanical engineering. Basic electrical, mechanical, environmental and industrial engineering concepts will be learned. This includes the use of machine tools, computer aided tools, and measurement systems. Students will learn how to link theory to hands-on real-world applications.  
**NOTE: Dual Enrollment may be offered for this course.**

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**ENGINEERING 5-6 COURSE #6507-08**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12  
AZ21003

**Prerequisite:** Successful completion of Engineering 3-4  
**Course description:** This course prepares students to use critical thinking skills and apply formulations from pre-calculus to basic innovative engineering job functions of research, design, development, testing and analysis when preparing product. Students will apply concepts of math and science, and problem-solving skills to the different systems using input, process, output and feedback. Students will further demonstrate the fundamentals of engineering and mechanics using scientific principles from materials to construction projects with consideration to environmental factors, economics, and safety.  
**NOTE: Dual Enrollment may be offered for this course.**

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**ENGINEERING INTERNSHIP COURSE #6505-06**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum age of 16)  
AZ2999

**Prerequisite:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**

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### ❖ *Welding Technology (WHS only)*

Students successfully completing this program will be prepared to apply the technical knowledge and skills to join or cut metal surfaces. Included is instruction in arc welding, soldering, and cutting metal according to applicable codes and standards. After completing the course sequence, students will be ready for entry level positions in the welding industry or continuing education in the field. This program is designed and delivered as a coherent sequence of courses.

Recommended Courses:

Grades 9-11: Welding Technology 1-2  
Grades 10-12: Welding Technology 3-4  
Grade 12: Welding Internship

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**WELDING TECHNOLOGY 1-2 COURSE #6481-82**  
**Course Length:** 2 semesters  
**Grade Level:** 9-11  
AZ13207

**Prerequisite:** None  
**Course Description:** This course provides the student with an overview of the welding industry, stressing design, materials estimation, working drawings and safe equipment usage. It emphasizes reading, writing and math skills along with career awareness.  
**NOTE: Dual Enrollment may be offered for this course.**



**WELDING TECHNOLOGY 3-4**  
**COURSE #6483-84**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12  
 AZ13241

**Prerequisite:** Successful completion of Welding Technology 1-2  
**Course Description:** This second level course provides the student a focused experience with welding technology. This course covers safety, design, project construction, advanced weld practice, and analysis of weld techniques. Students work cooperatively in the following areas: oxy-fuel welding, stick welding, MIG welding, TIG welding principals, plasma arc cutting, and fabrication techniques. Completion of this course will enable the student to be a welding program completer which may allow for further employment placement and/or intern opportunities. The mechanical application portion of this program is appropriate for those students seeking careers in the engineering related fields.  
**NOTE: Dual Enrollment may be offered for this course.**

**WELDING INTERNSHIP**  
**COURSE #6487-88**  
**Course Length:** 2 semesters  
**Grade Level:** 12 (students must be a minimum of age 16)  
 AZ13242

**Prerequisite or off site at a local business:** Successful completion of program area coherent sequence and the aligned ADE End of Program Assessment  
**Course Description:** This course provides students with an opportunity to apply previously developed knowledge and skills into structured work experience on campus or off site at a local business. Students spend at least five hours per week working in the internship and will earn 0.5 credit per semester.  
**NOTE: Students MUST provide their own transportation and insurance if working off site.**



## WESTERN MARICOPA EDUCATION CENTER (West-MEC) CENTRAL PROGRAMS

Western Maricopa Education Center (West-MEC) is a public school district dedicated to providing innovative career and technical education (CTE) programs that prepare students to enter the workforce and pursue continuing education. West-MEC CTE programs are offered at a campuses locations throughout the Western Maricopa Education Center member-district attendance area. West-MEC CTE programs provide students opportunities to earn college credit and industry credentials while remaining enrolled in and attending their home high school.

West-MEC currently offers the following central program opportunities:

Aesthetics	Hairstyling
Air Conditioning Technology	IT Security
Automotive Technology	Law & Public Safety
Aviation Maintenance Technology	IT Security
Aviation Maintenance Technology	Medical Laboratory Science
Biomedical Science	Medical Assisting
Coding	Medium/Heavy Diesel Technology
Collision repair and refinishing	Nursing Services
Culinary Arts	Pharmacy Science
Dental Assisting	Physical Therapy
Electrical Trade Specialty	Powersports Technician
Emergency Medical Technician	Precision Machining
Energy & Manufacturing Systems	Veterinary Sciences
Fire Science	Welding Technology
General Construction Technology	Water Systems

Students who attend school in TUHSD may apply for West-MEC central programs. Students are accepted via an online application process. Program information, locations, requirements, associated costs as well as applications can be accessed at <https://west-mec.edu/central-programs/>

## ENGLISH LANGUAGE ACQUISITION

*SB 1014 (2019) calls for school districts and charter schools to use school board adopted and approved research-based models of structured English immersion. Beginning in school year 2019-2020, pupils in grades six through twelve will receive a minimum of one hundred minutes per day, five hundred minutes per week or three hundred hours per school year of English Language Development.*

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**EL 1-2 English Language Arts \*Block Class**  
**COURSE # 7600-01**  
**Grade Level:** 9-12  
**Course Length:** 2 semesters

**Prerequisite:** The English Acquisition Program Director determines placement after reviewing the student's academic history, home language other than English, and AZELLA Overall Proficiency Level at Pre-Emergent/Emergent.  
**Course Description:** This course is a targeted English language development course for English learners at the **pre-emergent/emergent proficiency level**. It is intended to support language acquisition, with a focus on the form and function of language, to prepare students to successfully access academic course work in all content areas. During targeted ELD, opportunities are created for students to use language and reflect on their understanding across the four language domains (reading, writing, speaking, and listening). The focus will be on the use of the ELP Standards, the integration of content material, and planning for linguistic accommodations that are differentiated based on student proficiency levels.

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**EL READING 3-4 English Language Arts \*Block Class**  
**COURSE # 7602-03**  
**Grade Level:** 9-12  
**Course Length:** 2 semesters

**Prerequisite:** The English Acquisition Program Director determines placement after reviewing the student's academic history, home language other than English, and AZELLA Overall Proficiency Level at Basic.  
**Course Description:** This course is a targeted English language development course for English learners at the **basic level or 11<sup>th</sup> and 12<sup>th</sup> grade students at the intermediate level**. It is intended to support language acquisition, with a focus on the form and function of language, to prepare students to successfully access academic course work in all content areas. During targeted ELD, opportunities are created for students to use language and reflect on their understanding across the four language domains (reading, writing, speaking, and listening). The focus will be on the use of the ELP Standards, the integration of content material, and planning for linguistic accommodations that are differentiated based on student proficiency levels.

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**EL 5-6 English Language Arts 5-6**  
**COURSE # 7604-7605**  
**Grade Level:** 9-10  
**Course Length:** 2 semesters

**Prerequisite:** The English Acquisition Program Director determines placement after reviewing the student's academic history, home language other than English, and AZELLA Overall Proficiency Level at Intermediate.  
**Co-requisite:** Students must also be enrolled in the appropriate ELA grade level class.  
**Course Description:** EL 5-6 Intermediate English Language Arts class is designed for English Learners at the **intermediate level**. It is intended for students to learn and effectively apply a variety of reading strategies to comprehend, interpret, and evaluate a wide range of texts including classic, contemporary, and modern literary works and informational texts and to further develop vocabulary skills. Students will analyze the author's use of literary elements and rhetorical devices and will demonstrate understanding and application of skills specific to informational-explanatory writing, narrative writing, argument writing, and formal communications.

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# ENGLISH LANGUAGE ARTS

 Any online course that has not previously been taken by the student

 NCAA approved course

Course Sequence Map				
Grade Level	Core Course	Advanced Course	Elective ELA courses	Alternative Core Course ( <i>based on Administrative Approval</i> )
Freshman	Freshman English	Pre-AP English I	Reading Support, Creative Writing, Beginning Speech, Advanced Speech & Debate, Beginning Journalism, Beginning Yearbook, Yearbook Production	Freshman English Basics <i>or</i> Freshman English Skills <i>or</i> EL 1-2 English Language Arts <i>or</i> EL 3-4 English Language Arts <i>or</i> EL 5-6 English Language Arts
Sophomore	Sophomore English	Pre-AP English II	Creative Writing, Beginning Speech, Advanced Speech & Debate, Beginning Journalism, Beginning Yearbook, Yearbook Production	Sophomore English Basics <i>or</i> Sophomore English Skills <i>or</i> EL 1-2 English Language Arts <i>or</i> EL 3-4 English Language Arts <i>or</i> EL 5-6 English Language Arts
Junior	Junior English	AP English Language and Composition	Creative Writing, Beginning Speech, Advanced Speech & Debate, Beginning Journalism, Beginning Yearbook, Yearbook Production	Junior English Basics <i>or</i> Junior English Skills <i>or</i> EL 1-2 English Language Arts <i>or</i> EL 3-4 English Language Arts
Senior	Senior English	AP English Literature and Composition		Senior English Basics <i>or</i> Senior English Skills <i>or</i> EL 1-2 English Language Arts <i>or</i> EL 3-4 English Language Arts

## FRESHMAN ENGLISH

### BASICS 1-2

**COURSE #9131-32**

**Course Length:** 2 semesters

**Grade Level:** 9

**Prerequisite:** Administrative Approval

**Course Description:** This course is an alternative course offered to meet English credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is modified. This course builds the necessary skills for potential successful entry into Freshman English and Sophomore English courses. Placement in this course is based on consideration of student skill levels.

## FRESHMAN ENGLISH SKILLS

### 1-2 (levels 1-4)

**COURSE #**

**Level 1 = 9810-11**

**Level 2 = 9703-04**

**Level 3 = 9733-34**

**Level 4 = 9763-64**

**Course Length:** 2 semesters

**Grade Level:** 9

**Prerequisite:** Administrative Approval

**Course Description:** This course is an alternative course offered to meet English credit requirements. It is aligned to meet grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

## FRESHMAN ENGLISH 1-2

**COURSE #3001-02 or**

**3001v-02v**

**Course Length:** 2 semesters

**Grade Level:** 9

**Prerequisite:** None

**Course Description:** Students will learn and effectively apply a variety of reading strategies to comprehend, interpret, and evaluate various forms of literary and informational texts and to further develop vocabulary skills. Students will demonstrate understanding and application of skills specific to informational-explanatory, argument, and narrative writing.



**PRE-AP ENGLISH I-1 and I-2**  
**COURSE #3011-12 or**  
**Course Length:** 2 semesters  
**Grade Level:** 9



**Prerequisite:** None

**Course Description:** This course covers the same competencies as Freshman English with more depth and using more complex literary and informational texts. The course concentrates on literary analysis and composition skills that will be demanded of students throughout their high school courses.

**SOPHOMORE ENGLISH**  
**BASICS 1-2**  
**COURSE #9133-34**  
**Course Length:** 2 semesters  
**Grade Level:** 10

**Prerequisite:** Administrative Approval

**Course Description:** This course is an alternative course offered to meet English credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is modified. This course builds the necessary skills for potential successful entry into Sophomore and Junior courses. Placement in this course is based on consideration of student skill levels.

**SOPHOMORE ENGLISH**  
**SKILLS 1-2 (levels 1-4)**  
**COURSE**  
**Level 1 = #9812-13**  
**Level 2 = #9705-06**  
**Level 3 = #9735-36**  
**Level 4 = #9765-66**  
**Course Length:** 2 semesters  
**Grade Level:** 10

**Prerequisite:** Administrative Approval

**Course Description:** This course is an alternative course offered to meet English credit requirements. It is aligned to meet grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

**SOPHOMORE ENGLISH 1-2**  
**COURSE #3101-02 or**  
**3101v-02v**  
**Course Length:** 2 semesters  
**Grade Level:** 10



**Prerequisite:** Successful completion of Freshman English

**Course Description:** Sophomore English is designed for students to learn and effectively apply a variety of reading strategies to comprehend, interpret, and evaluate a wide range of texts including classic, contemporary, and modern literary works and informational texts and to further develop vocabulary skills. Students will analyze the author's use of literary elements and rhetorical devices and will demonstrate understanding and application of skills specific to informational-explanatory writing, narrative writing, argument writing, and formal communications.

**PRE-AP SOPHOMORE**  
**ENGLISH II-1 and II-2**  
**COURSE #3111-12**  
**Course Length:** 2 semesters  
**Grade Level:** 10



**Prerequisite:** Grade of C or better in pre-AP Freshman English

**Course Description:** This course covers the same competencies as Sophomore English—with more depth and using more complex literary and informational texts. It is designed to provide students with a broader and deeper experience in literature, composition, and oral communication than is presented in the regular Sophomore English course. The class will read literary and informational texts of various cultures, genres, and time periods.

**JUNIOR ENGLISH BASICS 1-2**  
**COURSE #9135-36**  
**Course Length:** 2 semesters  
**Grade Level:** 11

**Prerequisite:** Administrative Approval

**Course Description:** This course is an alternative course offered to meet English credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is modified. This course builds the necessary skills for potential successful entry into Junior and Senior courses. Placement in this course is based on consideration of student skill levels.

**JUNIOR ENGLISH SKILLS 1-2**  
**(levels 1-4)**  
**COURSE**  
**Level 1 - #9814-15**  
**Level 2 - #9707-08**  
**Level 3 - #9737-38**  
**Level 4 - #9767-68**  
**Course Length:** 2 semesters  
**Grade Level:** 11

**Prerequisite:** Administrative Approval

**Course Description:** This course is an alternative course offered to meet English credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

**JUNIOR ENGLISH 1-2**  
**COURSE #3200-01 or**  
**3200v-01v**  
**Course Length:** 2 semesters  
**Grade Level:** 11



**Prerequisite:** Successful completion of Sophomore English

**Course Description:** Junior English is designed for students to learn and effectively apply a variety of reading strategies using American Literature and informational texts as the content and to further develop vocabulary skills. They will analyze the author's use of literary elements; analyze classic, contemporary, and modern literature for the universality of themes; and evaluate the author's use of rhetorical techniques. In writing, students will demonstrate understanding and application of skills specific to informational-explanatory writing, narrative writing, argument writing, and formal communications.

**AP ENGLISH**  
**LANGUAGE/COMPOSITION**  
**COURSE #3401-02**  
**Course Length:** 2 semesters  
**Grade Level:** 11



**Prerequisite:** None

**Course Description:** from the College Board's AP Central: "The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods." **Dual enrollment may be offered for this course.**

**SENIOR ENGLISH BASICS 1-2**  
**COURSE #9143-44**  
**Course Length:** 2 semesters  
**Grade Level:** 12

**Prerequisite:** Administrative Approval

**Course Description:** This course is an alternative course offered to meet English credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is modified. This course builds the necessary skills for potential successful entry into Senior courses. Placement in this course is based on consideration of student skill levels.

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**SENIOR ENGLISH SKILLS 1-2 (levels 1-4)****COURSE**

Level 1 - #9816-17

Level 2 - #9709-9710

Level 3 - #9739-9740

Level 4 - #9769-9770

Course Length: 2 semesters

Grade Level: 12

**Prerequisite:** Administrative Approval**Course Description:** This course is an alternative course offered to meet English credit requirements. It is aligned to meet grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

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**SENIOR ENGLISH 1-2****COURSE #3421-22 or****3421v-22v**

Course Length: 2 semesters

Grade Level: 12

**Prerequisite:** Successful completion of Junior English**Course Description:** Senior English is designed for students to learn and effectively apply a variety of reading strategies using British and world literature and using informational texts as the content and to further develop vocabulary skills. Students will analyze and evaluate the author's use of literary elements in classic, contemporary, and modern literature for the universality of themes; and they will analyze the author's use of rhetorical techniques. In writing, students will demonstrate understanding and application of skills specific to informational-explanatory writing, narrative writing, argument writing, and formal communications.**NOTE: Dual Enrollment may be offered for this course.**

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**AP ENGLISH****LITERATURE/COMPOSITION****COURSE #3411-12**

Course Length: 2 semesters

Grade Level: 12

**Prerequisite:** None**Course Description:** from the College Board's AP Central: "The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works."**NOTE: Dual Enrollment may be offered for this course.**

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**❖ ELECTIVES - These classes do not fulfill the English graduation requirement**

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**READING SUPPORT 1-2****COURSE #3032-33**

Course Length: 1 or 2 semesters

Grade Level: 9

**Prerequisite:** None**Course Description:** This course is for students who read below grade level and need intensive reading interventions. The curriculum is aligned to research-based programs that integrate Arizona's College and Career Ready Standards with reading intervention strategies so students can master reading and writing process skills while being challenged to use critical thinking skills. Differentiated instruction will consistently be provided to target all students' needs.**NOTE: Students will be co-enrolled in Freshman English 1-2**

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**CREATIVE WRITING****COURSE #3453**

Course Length: 1 semester

Grade Level: 9-12

**Prerequisite:** None**Course Description:** This course will stress the development of the individual's ability to write various types of material, such as poetry, memoirs, and short stories.

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**BEGINNING SPEECH****COURSE #3458**

Course Length: 1 semester

Grade Level: 9-12

**Prerequisite:** None**Course Description:** Beginning speech emphasizes the fundamentals of speech preparation, delivery, and listening skills. Current topics are used for subjects. In-class research is required.

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**ADVANCED SPEECH & DEBATE****COURSE #3454**

Course Length: 1 semester (may be repeated for credit)

Grade Level: 9-12

**Prerequisite:** Beginning Speech recommended, but not required**Course Description:** This course is designed to provide students with the opportunity to continue the study and practice of oral expression and oral composition and to encourage students to compete in many tournaments throughout the state. Speaking experience will include oral interpretation of prose and poetry, extemporaneous speaking, debate and oratory. The skills of analysis, reasoning, research and leadership will be an integral part of the course.

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**BEGINNING JOURNALISM****COURSE #3701-02**

Course Length: 1 semester

Grade Level: 9-12

**Prerequisite:** None**Course Description:** This course is the study of principles and practices in the field of journalism. Students will learn the basics of story writing portfolios, opinion pieces, and producing podcasts.

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**BEGINNING YEARBOOK****COURSE #3704-05**

Course Length: 1 semester

Grade Level: 9-12

**Prerequisite:** None**Course Description:** Students learn techniques of layout, copy writing, photography, etc. as applied to the publication of the school yearbook.

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**YEARBOOK PRODUCTION****COURSE #3721-22**

Course Length: 2 semesters (may be repeated for credit)

Grade Level: 9-12

**Prerequisite:** Grade of C or better in English and/or Beginning Yearbook and/or instructor approval**Course Description:** Students are involved in the publication of the school's yearbook while learning and applying techniques of layout work, publications, and copy writing. Students are assigned to produce different sections of the yearbook including the academic departments, sports and clubs, faculty and staff, student sections, special events, and advertisements.**NOTE: Participation in after-school activities is required.**

# HISTORY & SOCIAL SCIENCES

 Any online course that has not previously been taken by the student

 NCAA approved course

Due to recently approved changes in the Arizona History and Social Science Standards, course revisions may occur.

Course Sequence Map				
Grade Level	Core Course	Advanced Course	Elective Social Studies courses	Alternative Core Course (based on Administrative Approval)
Freshman	N/A	AP Human Geography 1-2	N/A	N/A
Sophomore	World History/Geography 1-2	AP World History: Modern 1-2	AP Human Geography 1-2 Anthropology 1-2 Psychology AP Psychology 1-2 Introduction to Sociology	World History/Geography Basics 1-2 World History/Geography Skills 1-2
Junior	United States/Arizona History/Geography 1-2	AP United States History 1-2	AP Human Geography 1-2 Anthropology 1-2 Psychology AP Psychology 1-2 Introduction to Sociology AP European History	United States/Arizona History/Geography Basics 1-2 United States/Arizona History/Geography Skills 1-2
Senior	United States/Arizona Government Economics	AP Government/Politics AP Macroeconomics AP Microeconomics	AP Human Geography 1-2 Anthropology 1-2 Psychology AP Psychology 1-2 Introduction to Sociology AP European History	United States/Arizona Government Basics 1-2 United States/Arizona Skills 1-2 Economics Basics Economics Skills

**WORLD HISTORY/  
GEOGRAPHY BASICS 1-2**  
**COURSE #9181-82**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** Administrative Approval  
**Course Description:** Students will explore the recent human history & geography (1600-1914; Age of Enlightenment, Revolution, Nationalism and Imperialism) & discover relationships of events and people, and interpret significant patterns, themes, ideas, beliefs and turning points in World History. It is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

**WORLD HISTORY/  
GEOGRAPHY SKILLS 1-2**  
**(Levels 1-4)**  
**COURSE**  
**Level 1 = #9840-41**  
**Level 2 = #9727-28**  
**Level 3 = #9757-58**  
**Level 4 = #9787-88**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** Administrative Approval  
**Course Description:** Students will explore the recent human history & geography (1600-1914; Age of Enlightenment, Revolution, Nationalism and Imperialism) & discover relationships of events and people, and interpret significant patterns, themes, ideas, beliefs and turning points in World History. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

**WORLD HISTORY/  
GEOGRAPHY 1-2**  
**COURSE #7021-22 or**  
**7021v-22v**  
**Course Length:** 2 semesters  
**Grade Level:** 10

**Prerequisite:** None  
**Course Description:** (World History) Students analyze the recent human experience (1600-1914; Age of Enlightenment, Revolution, Nationalism and Imperialism) recognize the relationship of events and people, and interpret significant patterns, themes, ideas, beliefs and turning points in World History. (World Geography) Students analyze locations, regions, and spatial connections, recognizing the natural and cultural processes that impact the way in which people and societies live and interact with each other and their environment.



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**AP WORLD HISTORY:  
MODERN 1-2**  
**Course # 7025-26**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12



**Prerequisite:** None

**Course Description:** Students in the AP World History: Modern course will investigate significant events, individuals, developments, and processes from 1200 to the present. They will develop and use the same 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. Students will make connections among historical developments in different times and places through the following themes: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

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**AP HUMAN GEOGRAPHY 1-2**  
**COURSE #7061-62**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12



**Prerequisite:** None

**Course Description:** The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and application.

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**UNITED STATES/ARIZONA  
HISTORY/GEOGRAPHY 1-2**  
**COURSE #7031-32 or  
7031v-32v**  
**Course Length:** 2 semesters  
**Grade Level:** 11



V.

**Prerequisite:** None

**Course Description:** Course Description: Students will analyze the American experience (1776-Current; American Revolution to Modern day), recognize the relationships of events and people, and interpret significant patterns, themes, ideas, beliefs and turning points in American and Arizona History.

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**UNITED STATES/ARIZONA  
HISTORY/GEOGRAPHY  
BASICS 1-2**  
**COURSE #9186-87**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Administrative Approval

**Course Description:** Students will explore the recent American history & geography (1876-1990; American Industrial Revolution to the Persian Gulf War) and discover relationship of events and people, and interpret significant patterns, themes, ideas, beliefs and turning points in American and Arizona history. It is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

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**UNITED STATES/ARIZONA  
HISTORY/GEOGRAPHY  
SKILLS 1-2**  
**(Levels 1-4)**  
**COURSE**  
**Level 1 = #9842-43**  
**Level 2 = #9729-30**  
**Level 3 = #9759-60**  
**Level 4 = #9789-90**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Administrative Approval

**Course Description:** Students will explore the recent American history & geography (1876-1990; American Industrial Revolution to the Persian Gulf War) and discover relationship of events and people, and interpret significant patterns, themes, ideas, beliefs and turning points in American and Arizona history. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

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**AP UNITED STATES  
HISTORY 1-2**  
**COURSE #7051-52**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12



**Prerequisite:** None

**Course Description:** The course is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization causation, and continuity and change over time. This course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and National identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

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**UNITED STATES/ARIZONA  
GOVERNMENT**  
**COURSE #7200 or 7200v**  
**Course Length:** 1 semester  
**Grade Level:** 12



V.

**Prerequisite:** None

**Course Description:** In this course, the basic structure and development of the United States/Arizona government will be examined. The topics of democracy, federalism, civil rights, and civic responsibility will be highlighted.

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**UNITED STATES/ARIZONA  
GOVERNMENT BASICS**  
**Course # 9157**  
**Course Length:** 1 semester  
(may be repeated for credit)  
**Grade Level:** 12

**Prerequisite:** Administrative Approval

**Course Description:** In this course, the basic structure and development of the United States/Arizona government will be explored. The topics of democracy, federalism, civil rights, and civic responsibility will be highlighted. It is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

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**UNITED STATES/ARIZONA GOVERNMENT SKILLS****(Levels 1-4)****Course****Level 1 = #9849****Level 2 = #9731****Level 3 = #9761****Level 4 = #9791****Course Length:** 1 semester  
(may be repeated for credit)**Grade Level:** 12**Prerequisite:** Administrative Approval**Course Description:** In this course, the basic structure and development of the United States/Arizona government will be explored. The topics of democracy, federalism, civil rights, and civic responsibility will be highlighted. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

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**ECONOMICS****COURSE #7250 or 7250v****Course Length:** 1 semester**Grade Level:** 12**Prerequisite:** None**Course Description:** This course provides a strong practical understanding of the free market concept in American Capitalism, with focus on micro and macroeconomics. Microeconomics studies the impact of individual economic behavior while macroeconomics focuses on the country's economy as a whole. The course encourages students to make intelligent decisions about their personal economic status as well as judgments regarding broader questions of global and cultural economic policy.

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**ECONOMICS BASICS****COURSE #9166****Course Length:** 1 semester**Grade Level:** 12**Prerequisite:** Administrative Approval**Course Description:** This course provides an opportunity for understanding the free market concept in American Capitalism, with focus on micro and macroeconomics. Microeconomics studies the impact of individual economic behavior while macroeconomics focuses on the country's economy as a whole. It is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

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**ECONOMICS SKILLS****(Levels 1-4)****COURSE****Level 1 = #9848****Level 2 = #9732****Level 3 = #9762****Level 4 = #9792****Course Length:** 1 semester**Grade Level:** 12**Prerequisite:** Administrative Approval**Course Description:** This course provides an opportunity for understanding the free market concept in American Capitalism, with focus on micro and macroeconomics. Microeconomics studies the impact of individual economic behavior while macroeconomics focuses on the country's economy as a whole. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

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**AP US GOVERNMENT AND POLITICS****COURSE #7251****Course Length:** 1 semester**Grade Level:** 12**Prerequisite:** None**Course Description:** This course gives students an analytical perspective on government and politics in the United States. The course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires a familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. The following topics will be examined: Constitutional Underpinnings of the U.S. Government; Political Beliefs and Behaviors; Political Parties, Interest Groups, and Mass Media; Institutions of National Government; Public Policy; and Civil Rights and Civil Liberties.

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**AP MACROECONOMICS****COURSE #7254****Course Length:** 1 semester**Grade Level:** 12**Prerequisite:** The College Board recommends successful completion of AP Microeconomics.**Course Description:** This course is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Topics covered include Basic Economic Concepts; Measurements of Economic Performance; National Income and Price Determination; Financial Sector; Stabilization Policies; Economic Growth; and Open Economy (International Trade and Finance).

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**❖ ELECTIVES - These classes do not fulfill the Social Studies graduation requirement**

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**ANTHROPOLOGY 1-2****COURSE #7011-12****Course Length:** 2 semesters**Grade Level:** 10-12**Prerequisite:** None**Course Description:** This course will survey (1) physical anthropology, the study of man's origins, (2) archeology, the excavation of past cultures, and (3) cultural anthropology, the study of contemporary cultures.

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**PSYCHOLOGY****COURSE #7364 or 7364v****Course Length:** 1 semester**Grade Level:** 10-12**Prerequisite:** None**Course Description:** This introductory course will provide an overview of the history, theorists, principles, and methodologies of psychology. This course will include: learning and processing; communications; dream analysis; adolescence; aging; personality types and disorders; mental disorders/mental illness; conflicts; stress; and coping skills.



**AP PSYCHOLOGY 1-2**  
**COURSE #7355-56**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12



**Prerequisite:** None

**Course Description:** This course is designed to introduce students to the systematic and scientific study of behavior and the mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. They also learn about the ethics and methods psychologists use in their science and practice.

**INTRODUCTION TO SOCIOLOGY**  
**COURSE #7360 or 7360v**  
**Course Length:** 1 semester  
**Grade Level:** 11-12



**Prerequisite:** None

**Course Description:** This course will be an examination of individual, family and small group behaviors including ethnicity and women's status. The course studies human development through the life span and the behavior of individuals and families in relation to basic social institutions.

**AP EUROPEAN HISTORY 1-2**  
**COURSE #7029-30**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12



**Prerequisite:** None.

**Course Description:** In this course, students will investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization causation, and continuity and change over time. This course utilizes six themes that students explore throughout the course in order to make connections among historical development in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institution of power; individual and society; and national and European identity.

## MATHEMATICS



*Any online course that has not previously been taken by the student*



*NCAA approved course*

Course Sequence Map				
Grade level	Core Course	Advanced Course	Electives for math courses	Alternative Core Course (Based on Administrative Approval)
Freshman	Algebra 1	Pre-AP Algebra 1	NA	Algebra 1 Basics <b>OR</b> Algebra 1 Skills
Sophomore	Geometry	Pre-AP Geometry with Statistics	NA	Geometry Basics <b>OR</b> Geometry Skills
Junior	Algebra 2	Advanced Algebra 2	AP Computer Science	Algebra 2 Basics <b>OR</b> Algebra 2 Skills
Senior	Financial Algebra, College Algebra	AP Precalculus AP Calculus, AP Statistics	AP Computer Science AP Statistics 1-2	Financial Algebra Basics <b>OR</b> Financial Algebra Skills

**ALGEBRA I BASICS 1-2**  
**COURSE #9121-22**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** Administrative Approval

**Course Description:** This course is an alternative course offered to meet Math credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is modified. This course builds the necessary skills for potential successful entry into Algebra I, Algebra II, and Geometry courses. Placement in this course is based on consideration of student skill levels.

**ALGEBRA I SKILLS 1-2**  
**(Levels 1-4)**  
**COURSE**

**Level 1 = #9818-19**

**Level 2 = #9711-12**

**Level 3 = #9741-42**

**Level 4 = #9771-72**

**Course Length:** 2 semesters

**Grade Level:** 9-12

**Prerequisite:** Administrative Approval





**Course Description:** This course is an alternative course offered to meet Math credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

**ALGEBRA I 1-2**  
**COURSE #4009-10 or 4009v-10v**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12



**Prerequisite:** None

**Course Description:** This course includes understanding properties and operations of real numbers; evaluating rational expressions; solving and graphing linear equations and inequalities, solving, and graphing two-variable linear equations; and operations with and factoring of polynomials.

<b>Pre-AP ALGEBRA I 1-2</b> <b>COURSE #4070-4071</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9	<b>Prerequisite:</b> None <b>Course Description:</b> The Pre-AP Algebra I course focuses on patterns of change, multiple representations of functions and equations, and models of real-world scenarios to provide students with a deeper understanding of solving and graphing linear, and quadratic equations and inequalities; solving, and graphing two-variable linear equations and inequalities; and properties of exponents, roots, multiplicative patterns.
 <b>GEOMETRY I BASICS 1-2</b> <b>COURSE #9318-19</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9-12	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is an alternative course offered to meet Math credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is modified. This course builds the necessary skills for potential successful entry into Algebra I, Algebra II, and Geometry courses. Placement in this course is based on consideration of student skill levels.
<b>GEOMETRY SKILLS 1-2</b> <b>(Levels 1-4)</b> <b>COURSE</b> <b>Level 1 = #9822-23</b> <b>Level 2 = #9715-16</b> <b>Level 3 = #9745-46</b> <b>Level 4 = #9775-76</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9-12	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is an alternative course offered to meet Math credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.
<b>GEOMETRY 1-2</b> <b>COURSE #4023-24 or 4023v-24v</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 10-12	<b>Prerequisite:</b> None <b>Course Description:</b> This course includes properties of angles and lines, triangle relationships and congruencies, quadrilaterals, polygons, circles, similarities, surface area and volume, transformations, and basic right triangle trigonometry. Additionally, students will use deductive reasoning with proofs. Each student will develop the ability to solve real world problems using the properties and relationships of geometric figures.
<b>Pre-AP GEOMETRY with Statistics 1-2</b> <b>COURSE #4072-4073</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 10-12	<b>Prerequisite:</b> None <b>Course Description:</b> Pre-AP Geometry with Statistics course focuses on the conceptual understanding of algebra, geometry, and statistics to provide students with deeper insight to the properties, relationships, transformations, compositions, and measurements, of geometric figures. <b>NOTE: A grade of C or better in Pre-AP/Advanced Algebra I is strongly recommended.</b>
 V <b>ALGEBRA II BASICS 1-2</b> <b>COURSE #9316-17</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9-12	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is an alternative course offered to meet Math credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is modified. This course builds the necessary skills for potential successful entry into Algebra I, Algebra II, and Geometry courses. Placement in this course is based on consideration of student skill levels.
<b>ALGEBRA II SKILLS 1-2</b> <b>(Levels 1-4)</b> <b>COURSE</b> <b>Level 1 = #9820-21</b> <b>Level 2 = #9713-14</b> <b>Level 3 = #9743-44</b> <b>Level 4 = #9773-74</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9-12	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is an alternative course offered to meet Math credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.
<b>ALGEBRA II 1-2</b> <b>COURSE #4141-42 or 4141v-42v</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 11-12	<b>Prerequisite:</b> None <b>Course Description:</b> This course extends the algebraic topics addressed in Algebra I including problem solving, relationships, functions and relations, graphing, systems of equations, complex numbers, exponential and logarithmic functions, counting and probability, introduction to trigonometry, trigonometric graphs, and analyzing data.
 V <b>ADVANCED ALGEBRA II 1-2</b> <b>COURSE #4151-52</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 10-12	<b>Prerequisite:</b> None <b>Course Description:</b> This course offers a more in-depth approach to Algebra II. <b>NOTE: A grade of C or better in Advanced Algebra I or a B or better in prior math classes is strongly recommended.</b>
 <b>Pre-AP ALGEBRA II 1-2</b> <b>COURSE #4074-75</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 10-12	<b>Prerequisite:</b> None <b>Course Description:</b> This course offers a more in-depth approach to Algebra II. <b>NOTE: A grade of C or better in Advanced Algebra I or a B or better in prior math classes is strongly recommended.</b>
<b>FINANCIAL ALGEBRA BASICS 1-2</b> <b>COURSE #9336-37</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 12	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is an alternative course offered to meet Math credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

**FINANCIAL ALGEBRA  
SKILLS 1-2  
(Levels 1-4)  
COURSE**  
Level 1 = #9824-25  
Level 2 = #9717-18  
Level 3 = #9747-48  
Level 4 = #9777-78  
Course Length: 2 semesters  
Grade Level: 12

**Prerequisite:** Administrative Approval  
**Course Description:** This course is an alternative course offered to meet Math credit requirements. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

**FINANCIAL ALGEBRA 1-2  
COURSE #4118-19  
4118v-19v**  
Course Length: 2 semesters  
Grade Level: 12

**Prerequisite:** None  
**Course Description:** This course is aligned to the state standards and relates topics from Algebra I, Geometry, Algebra II, including statistics and probability to the financial world. In this course students will apply their problem-solving skills and strategies to real-world contexts under nine financial categories: Personal Finance and Income, Budgeting and Spending, Banking and Loans, Insurance, Investments, Home and Auto Ownership, Personal and Property Taxes, Consumer Debt and Credit, and Business Ownership. This course helps students understand the relevancy of their previous college preparatory mathematics courses by allowing students the opportunity to model, relate, analyze and interpret financial conditions through algebraic, graphical, and geometrical representations.

V<sub>1</sub>

**NOTE: Dual Enrollment may be offered for this course.**

**COLLEGE ALGEBRA 1-2  
COURSE #4161-62**  
Course Length: 2 semesters  
Grade Level: 11-12

**Prerequisite:** None  
**Course Description:** This course is a study of analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations using multiple methods including matrices, modeling, and solving real world problems, and defining and illustrating sequences and series. This course is intended for college bound students whose planned course of study does not require calculus.

NCAAA

**NOTE: Dual Enrollment may be offered for this course.**

**AP PRECALCULUS 1-2  
COURSE #4076-4077**  
Course Length: 2 semesters  
Grade Level: 11-12

**Prerequisite:** None  
**Course Description:** The AP Precalculus course focuses on exploration, application, transformation, composition, inverses, and real-world models, of polynomial, rational, exponential, logarithmic, trigonometric, and polar functions to provide students with deeper, mathematical, conceptual, and contextual understanding.

NCAAA

V<sub>1</sub>

**NOTE: A grade of B or better in Advanced Algebra II Is strongly recommended. Dual Enrollment may be offered for this course. Dual Enrollment not available for TVHS.**

**AP STATISTICS 1-2  
COURSE #4186-87**  
Course Length: 2 semesters  
Grade Level: 11-12

**Prerequisite:** None  
**Course Description:** In addition to Statistics 1-2, the purpose of the AP course in Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data; Sampling and Experimentation; Anticipating Patterns; and Statistical Inference.

NCAAA

**NOTE: A grade of B or better in Advanced Algebra II Is strongly recommended. Dual Enrollment may be offered for this course. Dual Enrollment may be offered for this course.**

**AP CALCULUS AB 1-2  
COURSE #4181-82**  
Course Length: 2 semesters  
Grade Level: 11-12

**Prerequisite:** None  
**Course Description:** This course is primarily concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations are also important.

NCAAA

**NOTE: A grade of B or better in prior math classes is strongly recommended. Dual Enrollment may be offered for this course.**

**AP CALCULUS BC 1-2  
COURSE #4173-74**  
Course Length: 2 semesters  
Grade Level: 11-12

**Prerequisite:** None  
**Course Description:** This course is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics, but both courses are intended to be challenging and demanding and require a similar depth of understanding of common topics.

NCAAA

**NOTE: A grade of B or better in prior math classes is strongly recommended. Dual Enrollment may be offered for this course.**

❖ **ELECTIVES** - These classes do not fulfill the Math graduation requirement as defined by ABOR.

**AP COMP SCIENCE A 1-2  
COURSE #8930-31**  
Course Length: 2 semesters  
Grade Level: 11-12

**Prerequisite:** Successful completion of Algebra II  
**Course Description:** The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design, and abstraction.

## PERFORMING & VISUAL ARTS

### ❖ DANCE

**FOLKLORICO 1-2**  
**COURSE #3894-95**  
**Fee:** None  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** Students will learn, teach, and perform Mexican dances for the purpose of developing, and promoting an understanding and an appreciation for the beauty of the Mexican culture. Students will learn history and traditions as influenced by the European, Indian, and Mestizo Cultures through dance. Students will be responsible for school equipment.  
**NOTE: Participation in after-school activities is required. The successful completion of Ballet Folklorico 1-2 fulfills PE requirement for graduation. Physical activity is required in this course.**

**FOLKLORICO 3-4**  
**COURSE #3896-97**  
**Fee:** None  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Folklorico 1-2  
Ballet Folklorico allows students from all backgrounds to experience and understand dance as a component of the Mexican Heritage; giving students particularly a special opportunity to identify with and learn about the culture. This intermediate/advanced class includes more detailed concepts of Mexican Folklore including history, movement techniques, posture, footwork, rhythms, regional dance forms and styles, and cultural content. Students will continue building their knowledge of the art and culture of Mexican Ballet Folklorico. They will also gain more dance experience at a higher level than that of the 1-2 course. **NOTE: Physical activity is required in this course.**

**MODERN DANCE 1-2**  
**COURSE #3813-14**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** This course is designed to introduce various dance styles, movement, vocabulary and basic anatomy, and to develop basic fundamental dance techniques. This course will also provide a means for self-expression, collaboration, and creativity. This course will cover dance history, dance appreciation and beginning dance techniques with an emphasis on Ballet, Jazz, Modern and Improvisation.  
**NOTE: Participation in after-school activities is required. The successful completion of Modern Dance 1-2 fulfills PE requirement for graduation. Physical activity is required in this course.**

**MODERN DANCE 3-4**  
**COURSE #3815-16**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Modern Dance 1-2 or audition  
**Course Description:** This course is designed to introduce various dance styles, movement, vocabulary and anatomy, and to develop intermediate levels of dance techniques. This course will also provide a means for self-expression, group cooperation and creativity at an intermediate level.  
**NOTE: Participation in after-school activities is required. If the student has previous experience, he/she needs approval from the teacher to enroll.**

**MODERN DANCE 5-6**  
**COURSE #3819-20**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Modern Dance 3-4 or audition  
**Course Description:** This course provides students with a means for self-expression, creativity and artistic capabilities through dance composition with an emphasis on choreography and performance.  
**NOTE: Participation in after-school activities is required. If the student has previous experience, he/she needs approval from the teacher to enroll.**

**MODERN DANCE 7-8**  
**(Choreography & Performance)**  
**COURSE #3817-18**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Modern Dance 1-2 or audition  
**Course Description:** Students will use dance terminology and techniques at an advanced level to choreograph dances. This course will put together dance productions learning the basics of what it means to be on a technical crew, costume crew, and publicity crew. This is both a class and a club.  
**NOTE: Participation in after-school activities is required. If the student has previous experience, he/she needs approval from the teacher to enroll.**

### ❖ MUSIC

**BEGINNING BAND 1-2**  
**COURSE #3873-74**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** This course provides students with class instruction on the common instruments of the band: flute, clarinet, saxophone, trumpet, French horn, trombone, baritone, tuba and percussion. No previous musical experience is necessary.  
**NOTE: Participation in after-school activities is required. The school may have a limited number of instruments available; the rental of instruments may be necessary.**

**VARSITY BAND 1-2**  
**COURSE #3881-82**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** Beginning Band and/or Director approval / incoming freshmen with Jr. High band experience may pre-register for this class, however, a placement audition is required. Flag line tryouts are held in the spring.  
**Course Description:** During the fall semester, the Varsity Band provides the marching halftime shows at all home football games. Varsity Band members also travel to "away" games, compete in marching band competitions, and participate in various school and community events. During the spring semester, the Varsity Band performs at concerts and festivals and concentrates on the study of fine musical literature. Members of the Varsity Band also have the opportunity to participate in both the Regional Solo and Ensemble Festival and the Regional Honor Band Festival. A strong desire and commitment to

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performance is required. All members are required to attend every scheduled event, concert, and rehearsal.

**NOTE: Participation in after-school activities is required. All students must be cleared for athletics to participate in Marching Band. The successful completion of 1 full credit of Varsity Band fulfills the PE requirement for graduation. Physical activity is required in this course.**

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**FLAG LINE 1-2**  
**COURSE #3827-28**  
**Course Length:** 1 semester  
(may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** Director approval / incoming freshmen may pre-register for this class, however, tryouts are required (Flag Line tryouts are held in the spring).

**Course Description:** During the fall semester, the Flag Line performs on the side lines at all home football games and with the Varsity Band during the halftime shows. Flag Line members also travel to "away" games, compete in marching band competitions, and participate in various school and community events. A strong desire and commitment to performance is required.

**NOTE: Participation in after-school activities is required. The Flag line registers for Varsity Band for the fall semester only. All students must be cleared for athletics to participate in Flag Line. The successful completion of 1 full credit of Flag Line fulfills the PE requirement for graduation. Physical activity is required in this course.**

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**CHORUS 1-2**  
**COURSE #3811-12**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** None

**Course Description:** This course is open to any student who is interested in choral music and will cover the fundamentals of choral singing and the principles of reading music.

**NOTE: Participation in after-school activities is required. All campuses have the option that Chorus 1-2 be an all-female and/or mixed chorus per the director's discretion.**

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**CHORUS 3-4**  
**COURSE: #3823-24**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** Chorus 1-2 and audition

This is the advanced choir and can be used as either a SSA choir or SATB choir, depending on the needs of the school. School concerts, certain festivals, and other performances are mandatory and a major part of the grade in this class. This course concentrates on healthy vocal development, advanced music performance skills, and historical/theoretical application of choral music with a very strong emphasis on sight singing.

**NOTE: Participation in after-school activities is required.**

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**CONCERT CHOIR 1-2**  
**COURSE #3821-22**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 10-12

**Prerequisite:** Chorus 1-2 and/or director approval

**Course Description:** This course is a study of fine choral literature through performance. The Concert Choir will perform at concerts, festivals, and community events. All members are required to attend every scheduled event, concert, and rehearsal. Attendance and participation provide the basis for quarterly grades. Members of the Concert Choir will also have the opportunity to participate in both the Regional Solo and Ensemble Festival and the Honor Choir Festival. A strong desire and commitment to performance is required.

**NOTE: Participation in after-school activities is required.**

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**CONCERT CHOIR 3-4**  
**(VOCAL ENSEMBLE)**  
**COURSE: #3825-26**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade level:** 10-12

**Prerequisites:** Chorus 3-4 and/or director approval

This is a small, 25–30-member ensemble of advanced students. The literature is four to eight-part harmonies, and the most advanced group at the school. This course concentrates on fundamental concepts with an emphasis on early fifteenth and sixteenth century music from the Medieval and Renaissance periods as well as Jazz and Show arrangements. A strong desire and commitment to performance is required. All members are required to attend every scheduled event, concert, and rehearsal. Attendance and participation provide the basis for quarterly grades.

**NOTE: Participation in after-school activities is required.**

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**STRINGS 1-2**  
**COURSE #3871-72**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** None

**Course Description:** This course provides beginning and intermediate class instruction on the instruments of the string orchestra: violin, viola, cello, and double bass. School-owned instruments will be available for those students who need them.

**NOTE: Participation in after-school activities is required.**

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**STRINGS ORCHESTRA 1-2**  
**COURSE #3861-62**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** Strings 1-2

**Course Description:** Orchestra is a performing ensemble. Students will study fine orchestra literature and perform periodically for the school and community. Students will also have the opportunity to study and perform chamber music, solos, and small string ensembles.

**NOTE: Participation in after-school activities is required.**

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**MARIACHI ENSEMBLE 1-2**  
**COURSE #3891-92**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** Instrumental experience preferred, but not necessary

**Course Description:** Mariachi Ensemble is a performance class designed to explore the literature of Mariachi music and other folk styles of Latin American music. Emphasis will also be placed on the historical and cultural backgrounds and this relationship to the music. All members are required to attend every scheduled event, concert, and rehearsal. Attendance and participation provide the basis for quarterly grades.

**NOTE: Participation in after-school activities is required.**

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**PIANO 1-2**  
**COURSE #3841-42**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None

**Course Description:** This course is designed to cover a broad range of piano skills from basic to intermediate. Areas to be covered include piano techniques, basic music theory and sightreading.

**NOTE: Participation in after-school activities is required.**

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**PIANO 3-4**  
**COURSE #3851-52**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 10-12

**Prerequisite:** Piano 1-2 and/or teacher approval  
**Course Description:** Emphasis in this course will be placed on intermediate skill levels of sight-reading, scales, piano theory, and chords. Instruction will also be given in advanced fingering techniques and styles.  
**NOTE: Participation in after-school activities is required.**

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**BEGINNING GUITAR 1-2**  
**COURSE #3801-02**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** Anyone who has an interest in music through the medium of the guitar will enjoy this class. Beginning Guitar instruction includes classical, folk, and popular music. The student's guitar is provided.  
**Note: Participation in after-school activities is required.**

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**GUITAR 3-4**  
**COURSE #3803-04**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 10-12

**Prerequisite:** Beginning Guitar 1-2 and/or teacher approval  
**Course Description:** This course will continue the instruction started in Guitar 1-2, focusing on developing intermediate performing skills on the guitar. Guitar 3-4 will include instruction on scales, arpeggios, chords, two-part classical style, folk strums, and popular music styles. The students are provided with acoustical guitars.  
**NOTE: Participation in after-school activities is required.**

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**AP MUSIC THEORY 1-2**  
**COURSE #3885-86**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Teacher approval  
**Course Description:** For many students, playing or singing music is an enjoyable experience, however, understanding how music is constructed; how scales and chords are formed; the relationship between major and minor keys; and how music is composed through melody, harmony and chord progressions can enhance the musical experience even further. AP Music Theory is an advanced music course that requires students to read, notate, write, sing, and listen to music.

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## ❖ PHOTOGRAPHY

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**PHOTOGRAPHY 1-2**  
**COURSE #3641-42**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** None  
**Course Description:** This is a beginning level course in which students will learn camera function and photographic aesthetics. **Digital Lab:** Students learn to store, edit, manipulate, and print color and black and white photography. Students will be required to purchase a flash drive and photo paper. **Wet Lab:** Students learn the techniques of exposing black and white film, processing the film in the laboratory and producing black and white photographic prints. Equipment is provided. Students purchase black and white film and photo paper.  
**NOTE: Location will dictate whether the course is offered as a black and white, web lab photography course or a digital photography course. Students will be responsible for school equipment. Fees cover photo chemicals, ink and essential paper only. Paper usage varies by student need and preference. Extra photo paper is available at an additional charge.**

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**PHOTOGRAPHY 3-4**  
**COURSE #3651-52**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12

**Prerequisite:** Photography 1-2 or instructor approval  
**Course Description:** Advanced topics in photography may be investigated as a class and on an individual basis. **Digital Lab:** Students purchase flash drive and photo paper for course projects. **Wet Lab:** Students purchase black and white film and photo paper for course projects.  
**NOTE: Location will dictate whether the course is offered as a black and white, web lab photography course or a digital photography course. Students will be responsible for school equipment. Fees cover photo chemicals, ink and essential paper only. Paper usage varies by student need and preference. Extra photo paper is available at an additional charge.**

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## ❖ THEATRE

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**THEATRE 1-2**  
**COURSE #3467-68**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** This is a beginning level course, which is designed to teach basic theatre skills and concepts. Students will learn basic acting techniques, play structure, musical theatre, and basic technical theatre skills.  
**NOTE: Participation in after-school activities is required.**

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**THEATRE 3-4**  
**COURSE #3469-70**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Theatre 1-2 and/or teacher approval  
**Course Description:** This course is designed to teach intermediate theatre skills and concepts. Students will build on basic theatre concepts learned in Theatre 1-2. Emphasis will be placed on acting skills, technical theatre, playwriting, theatre history, children's theatre, social theatre and performance.  
**NOTE: Participation in after-school activities is required.**

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**THEATRE 5-6**  
**COURSE #3471-72**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12

**Prerequisite:** Theatre 1-2 & 3-4 and/or teacher approval  
**Course Description:** This course is designed to teach advanced theatre skills and concepts. Students will build on theatre concepts learned in Theatre 3-4. Emphasis will be placed on acting skills, theatre production and theatre performance.  
**NOTE: Participation in after-school activities is required.**

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**THEATRE 7-8**  
**COURSE #3473-74**  
**Course Length:** 2 semesters  
**Grade Level:** 12

**Prerequisite:** Theatre 1-2, 3-4, & 5-6 and/or teacher approval  
**Course Description:** Students will use theatre terminology and techniques at an advanced level to direct plays and act in culturally sophisticated theatre. Students will be expected to participate in theatre productions and take on leadership roles as necessary.  
**NOTE: Participation in after-school activities is required.**

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**STAGE PRODUCTION 1-2**  
**COURSE #3456-57**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** This course will introduce students to the design and technical processes necessary to visualize, design and construct stage sets for performances. This course will also research and explore production and management to support and promote stage shows of all types. Emphasis will be placed on set construction, stage lighting, sound basics, costume construction, makeup design and application, and prop construction. Students will learn and understand fundamental theatre terminology and analyze and evaluate various styles of performances.  
**NOTE: Participation in after-school activities is required. Dual Enrollment may be offered for this course.**

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**STAGE PRODUCTION 3-4**  
**COURSE #3461-62**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Stage Production 1-2  
**Course Description:** This course will develop students' depth and understanding of designing scenery, lighting, costumes, props, makeup and sound for the theatre. Students will have the opportunity to advance beyond theory into actually designing and creating their own plans for upcoming theatre productions.  
**NOTE: Participation in after-school activities is required. Dual Enrollment may be offered for this course.**

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❖ **VISUAL ARTS**

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**ART 1-2**  
**COURSE #3601-02**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** This is a beginning art course designed to introduce the student to the fundamental Elements of Art and Principles of Design and critical evaluation with a broad base for visual understanding and the problem-solving aspects of art and design. The student will be exposed to a variety of art processes and materials. Projects can include drawing, printmaking, sculpture, lettering, design, and painting.

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**ART 3-4**  
**COURSE #3610-11**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Art 1-2 and/or teacher approval  
**Course Description:** This course is an intermediate art course with an emphasis on drawing. Students will develop a level of skill and proficiency in the use of value, composition, form, space, line, and organization. Students will gain an understanding of drawing as it relates to history and culture and will continue to build problem solving and critical evaluation skills. As value relates to other media, students may also work in print, lettering, design, and painting. During the second semester there will be even more emphasis on the organization of color through the use of various drawing and painting media and can include alternative processes. Students will continue to build problem solving and critical evaluation skills as they relate to art and design.

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**ART 5-6**  
**Court #3612-13**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12

**Prerequisite:** Art 1-2 & Art 3-4 and/or teacher approval  
**Course Description:** This course is an advanced art course with an emphasis on two-dimensional design. Areas covered include, but are not limited to, illustration design, poster, cover and package design, with a continued focus on problem solving and critical evaluation skills as they relate to both the student's work and that of the art world. During second semester the emphasis will be color theory and usage, designed to further develop the skills and techniques of painting and may also include sculpture, experimental or alternative media, with a continued focus on critical evaluation as it relates to both the student's work and that of the art world.

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**ART STUDIO 1-2**  
**COURSE #3621-22**  
**Course Length:** 2 semesters  
**Grade Level:** 12

**Prerequisite:** Students must have had three years of art and/or teacher approval  
**Course Description:** Students will be given individual programs of study. The focus is on personal development as related to various processes and media.

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**AP ART STUDIO 1-2**  
**COURSE #3637-38**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12

**Prerequisite:** Students must have had three years of visual art and instructor approval  
**Course Description:** This course is a college level course designed for students who are seriously interested in the practical experience of art and is not based on a written exam. Instead, students submit portfolios for evaluation to the College Board at the end of the school year. This course consists of three portfolio options: 2-D Design, 3-D Design and Drawing. Students choose which portfolio they will submit.  
**NOTE: Participation in after-school activities is required. Dual Enrollment may be offered for this course.**

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**AP ART HISTORY**  
**COURSE #3639-40**  
**Course Length:** 2 semesters  
**Grade Level:** 12

**Prerequisite:** None  
**Course Description:** This course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, construction understanding of individual works and interconnections of artmaking processes and products throughout history.

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**CERAMICS 1-2**  
**COURSE #3614-15**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** This course is an introduction to the nature of clay, glazing and firing. The process of hand-building and techniques of surface treatment in good visual organization are explored. During the second semester students will be introduced to the throwing of clay forms on the potter's wheel plus continued exploration of hand building and slip casting.  
**NOTE: Due to the materials used, students with severe asthma or other respiratory illness may have problems in this course.**

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**CERAMICS 3-4**  
**COURSE #3616-17**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Ceramics 1-2 and/or teacher approval  
**Course Description:** This course emphasizes the progressive development of skills on the potter's wheel, combining hand constructed and thrown pieces, hand-built form and mold making. Advanced students are expected to know how to load, maintain and fire kilns, make individual glazes and actively participate in the maintenance of the entire studio.  
**NOTE: Due to the materials used, students with severe asthma or respiratory illness may have problems in this course.**

## PHYSICAL EDUCATION AND HEALTH

**V** Any online course that has not previously been taken by the student

 NCAA approved course

**HEALTH**  
**COURSE #8015**  
**8015v**  
**Course Length:** 1 semester  
**Grade Level:** 9

**Prerequisite:** None  
**Course Description:** The focus of this course is on individual students and their responsibility to manage many aspects of their mental, social, and physical lives. This course will inform and equip students with decision-making skills in critical areas of their health.  
**NOTE: Health/PE are required for graduation. The successful completion of Varsity Band, Flag Line (2 semesters), ROTC or Dance fulfills this requirement.**

**V**  
**ADAPTIVE PHYSICAL**  
**EDUCATION**  
**COURSE # 9251-52**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** Administrative Approval  
**Course Description:** Adaptive PE is available for any student who may need modified instruction or specialized equipment for speech, emotional, motor, visual, hearing or substantial learning differences. Students are required to participate to the best of their ability in sports and physical activities.

**PHYSICAL EDUCATION**  
**COURSE #8016**  
**Course Length:** 1 semester  
**Grade Level:** 9

**Prerequisite:** None  
**Course Description:** This course develops a basic understanding of personal fitness and knowledge of total body conditioning. Students are required to fully participate in selected physical conditioning activities.  
**NOTE: Appropriate fitness attire is required for this class and may be purchased through the school bookstore. Health/PE are required for graduation. The successful completion of Varsity Band, Flag Line (2 semesters), ROTC or Dance fulfills this requirement.**

**ADVANCED PHYSICAL**  
**EDUCATION**  
**COURSE #8021-22**  
**Course Length:** 1-2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Wellness graduation requirement has been met, teacher approval, and student is physically able to meet the demands of the course  
**Course Description:** The goal of this course is to improve each student's skills and personal fitness. Students will participate in a variety of team and individual sports. It is physically demanding and competitive. Evaluation is based on each student's level of physical skills, fitness and observable behaviors, such as cooperation, leadership, discipline, and commitment.

**SYSTEMATIC**  
**CONDITIONING**  
**COURSE #8041-42**  
**Course Length:** 1-2 semesters  
**Grade Level:** 10-12

**Prerequisite:** Wellness graduation requirement has been met and teacher approval  
**Course Description:** The goal of this course is to develop each student's total fitness, including flexibility, cardiovascular efficiency, muscular endurance and body composition. Cardiovascular training will include walking, jogging, and running activities. Muscular fitness training will utilize calisthenics, polymeric, free weights and machines. Students will also study the value of different sports and training programs in weight management and maintenance. Similar to Weight Training 1-2, classroom instruction will emphasize activity, theories, concepts, principles and health issues.

**WEIGHT TRAINING 1-2**  
**COURSE #8033-34**  
**Course Length:** 1-2 semesters  
**Grade Level:** 10-12



**Prerequisite:** Wellness graduation requirement has been met and teacher approval  
**Course Description:** The goal of this course is to improve each individual's muscular fitness. Students will learn weight training skills, techniques and methods in strength and endurance training. This will involve demonstrating an extensive variety of exercises using calisthenics, free weights and machines. Classroom instruction will concentrate on weight training safety, anatomy, muscle physiology, training principles, and program design. Students will also pursue an aerobic conditioning program to improve and maintain an adequate level of cardiovascular fitness.

**WEIGHT TRAINING 3-4**  
**COURSE #8035-36**  
**Course Length:** 1-2 semesters  
**Grade Level:** 11-12

**Prerequisite:** Weight Training 1-2  
**Course Description:** The goal of this course is to improve each individual's strength, muscular endurance and power through the completion of planned weight training programs. Students are also required to complete a running and calisthenics routine. Evaluation is based on the completion of prescribed programs and performance improvements.



**SCIENCE - NCAA APPROVED COURSE** Due to recently approved changes in the Arizona Science Standards, course revisions may occur.

 Any online course that has not previously been taken by the student  
 NCAA approved course

Course Sequence Map				
Grade Level	Core Course	Advanced Course	Electives for Science courses	Alternative Core Courses (Based on Administrative Approval)
Freshman	Conceptual Physical Science	Adv. Con. Phys/Physics First		Resource support or Co-taught Conceptual Physical Science
Sophomore	Chemistry	Advanced Chemistry AP Chemistry	Geology Human Anatomy	Resource support or co-taught Geology Resource support or co-taught Human Anatomy
Junior	Biology	AP Biology	Geology Human Anatomy Advanced Human Anatomy Physics AP Environmental Science	Resource support or co-taught Biology Resource support or co-taught Human Anatomy Resource support or co-taught Geology
Senior	Geology or Human Anatomy	AP Chemistry and/or AP Physics AP Environmental Science	Geology Human Anatomy Advanced Human Anatomy Physics AP Environmental Science	

**CONCEPTUAL PHYSICAL SCIENCE 1-2**  
**COURSE #4563-64**  
**4563v-64v**  
**Course Length:** 2 semesters  
**Grade Level:** 9



**Prerequisite:** None  
**Course Description:** Conceptual Physical Science introduces students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and nonliving matter. The courses emphasize precise measurements and descriptive analysis of experimental results. Topics covered will include energy and motion, electricity, magnetism, heat, the structure of matter, the reaction to materials and forces, and the application to Earth and Space Sciences.

**CONCEPTUAL PHYSICAL SCIENCE BASICS 1-2**  
**Course #4563**  
**Course Length:** 2 semesters  
 (may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** Administrative Approval  
**Course Description:** Conceptual Physical Science introduces students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and nonliving matter. The courses emphasize precise measurements and descriptive analysis of experimental results. Topics covered will include energy and motion, electricity, magnetism, heat, the structure of matter, the reaction to materials and forces, and the application to Earth and Space Sciences. This course is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

**CONCEPTUAL PHYSICAL SCIENCE SKILLS 1-2 (Levels 1-4)**  
**Course**  
**Level 1 = #9830-31**  
**Level 2 = #9719-9720**  
**Level 3 = #9749-9750**  
**Level 4 = #9779-9780**  
**Course Length:** 2 semesters  
 (may be repeated for credit)  
**Grade Level:** 9-12

**Prerequisite:** Administrative Approval  
**Course Description:** Conceptual Physical Science introduces students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and nonliving matter. The courses emphasize precise measurements and descriptive analysis of experimental results. Topics covered will include energy and motion, electricity, magnetism, heat, the structure of matter, the reaction to materials and forces, and the application to Earth and Space Sciences. This course is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

**PHYSICS FIRST 1-2**  
**COURSE #4565-66**  
**4565v-66v**  
**Course Length:** 2 semesters  
**Grade Level:** 9



**Prerequisite:** None

**Course Description:** This course seeks to familiarize students with the basic laws and forces that govern all physical events in the world around them. This course uses class and laboratory experience to aid discovery, inspire curiosity, and aid understanding of the basic principles of physics. Students will use inductive and deductive reasoning along with cause-and-effect relationships to solve problems. Students in this course will gain experience, learning and following a scientific method that will provide a way of thinking that will be useful in almost all future studies. Emphasis is placed on conceptual physics: study of forces, laws of motion, energy, and simple machine function.

**ADV. CONCEPTUAL**  
**PHYSICAL SCIENCE 1-2**  
**COURSE #4567-68**  
**Course Length:** 2 semesters  
**Grade Level:** 9



**Prerequisite:** None

**Course Description:** Advanced Conceptual Physical Science introduces students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and nonliving matter. The courses emphasize precise measurements and descriptive analysis of experimental results. Topics covered will include energy and motion, electricity, magnetism, heat, the structure of matter, the reaction to materials and forces, and the application to Earth and Space Sciences. This advanced class also incorporates more of the mathematical models into the physical sciences concepts.

**GEOLOGY 1-2**  
**COURSE #4527-28**  
**4527v-28v**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12

**Prerequisite:** None

**Course Description:** This course will take a comprehensive look at the science devoted to the study of the earth, its origin, history, composition, properties, and resources. This will be a process-oriented class incorporating and integrating chemistry, physics, mathematics, engineering, and writing skills to solve problems in geology. A special unit on geology of Arizona will draw on personal experiences and interests to enhance relevancy.

**GEOLOGY BASICS 1-2**  
**Course #9161-62**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 10-12

**Prerequisite:** Administrative Approval

**Course Description:** This course will allow students to explore the science devoted to the study of the earth, its origin, history, composition, properties, and resources. This will be a process-oriented class incorporating and integrating chemistry, physics, mathematics, engineering, and writing skills to solve problems in geology. A special unit on geology of Arizona will draw on personal experiences and interests to enhance relevancy. It is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

**GEOLOGY SKILLS 1-2**  
**(Levels 1-4)**  
**Course**  
**Level 1 = #9832-33**  
**Level 2 = #9721-22**  
**Level 3 = #9751-52**  
**Level 4 = #9781-82**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 10-12

**Prerequisite:** Administrative Approval

**Course Description:** This course allows students to explore the science devoted to the study of the earth, its origin, history, composition, properties, and resources. This will be a process-oriented class incorporating and integrating chemistry, physics, mathematics, engineering, and writing skills to solve problems in geology. A special unit on geology of Arizona will draw on personal experiences and interests to enhance relevancy. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

**BIOLOGY 1-2**  
**COURSE #4531-32 or**  
**4531v-32v**  
**Course Length:** 2 semesters  
**Grade Level:** 11

**Prerequisite:** Successful completion of freshman science course

**Course Description:** This course is designed for all students as a study of living things. Arizona College and Career Ready Standards include the nature of science, the scientific method, biodiversity, cell biology, genetics, and evolution. Learning and thinking skills, including problem solving, predicting, and analysis of data, evaluating and synthesizing will be emphasized.

**NOTE: Dual Enrollment may be offered for this course. Arizona Board of Regents and NCAA Clearinghouse approval is pending for Lab Science courses through TVHS.**

**BIOLOGY BASICS 1-2**  
**COURSE #9320-21**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 11-12

**Prerequisite:** Administrative Approval

**Course Description:** This course is designed for students as a study of living things. Arizona College and Career Ready Standards include the nature of science, the scientific method, biodiversity, cell biology, genetics, and evolution. Learning and thinking skills, including problem solving, predicting, and analysis of data, evaluating and synthesizing will be emphasized. It is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

**BIOLOGY SKILLS 1-2**  
**(Levels 1-4)**  
**COURSE**  
**Level 1 = #9834-35**  
**Level 2 = #9723-24**  
**Level 3 = #9753-54**  
**Level 4 = #9783-84**  
**Course Length:** 2 semesters  
(may be repeated for credit)  
**Grade Level:** 11-12

**Prerequisite:** Administrative Approval

**Course Description:** This course allows students the opportunity to develop inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. The course is organized around four big ideas, which encompass the core scientific principles, theories, and processes governing living organisms and biological systems: Evolution, Cellular Processes (Energy and Communication); Genetics and Information Transfer; and Interactions. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

**AP BIOLOGY 1-2**  
**COURSE #4533-34**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12



**Prerequisite:** Successful completion of advanced freshman science course or teacher recommendation

**Course Description:** The AP Biology course is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

**HUMAN ANATOMY/  
PHYSIOLOGY 1-2  
COURSE #4583-84**  
Course Length: 2 semesters  
Grade Level: 12



**Prerequisite:** Successful completion of Biology  
**Course Description:** This course is designed to give students an in-depth study of the structure and function of the human body and systems. There will be a focus on disease and health maintenance topics.  
**NOTE: Dissections are required.**

**HUMAN ANATOMY/  
PHYSIOLOGY BASICS 1-2  
COURSE #9221-22**  
Course Length: 2 semesters  
(may be repeated for credit)  
Grade Level: 12

**Prerequisite:** Administrative Approval  
**Course Description:** This course is designed to provide students with an opportunity to study the structure and function of the human body and systems. There will be a focus on disease and health maintenance topics. It is aligned to the grade level standards of this general education course, but the curriculum is modified. Placement in this course is based on consideration of student skill levels.

**HUMAN ANATOMY/  
PHYSIOLOGY SKILLS 1-2  
COURSE**  
Level 1 = #9836-37  
Level 2 = #9725-26  
Level 3 = #9755-56  
Level 4 = #9785-86

**Prerequisite:** Administrative Approval  
**Course Description:** This course provides students with an opportunity to study the structure and function of the human body and systems. There will be a focus on disease and health maintenance topics. It is aligned to the grade level standards of this general education course, but the curriculum is significantly modified. Placement in this course is based on consideration of student skill levels.

Course Length: 2 semesters  
(may be repeated for credit)  
Grade Level: 12

**ADVANCED BIOLOGY  
HUMAN ANATOMY/  
PHYSIOLOGY 1-2  
COURSE #4585-86**  
Course Length: 2 semesters  
Grade Level: 12



**Prerequisite:** Successful completion of Biology or teacher recommendation  
**Course Description:** A fast-paced study of the structure and dynamics of the human body taught at distinction level standards. Research projects, clinical applications and class projects are an integral part of the course.  
**NOTE: Dissections are required.**

**GENERAL CHEMISTRY 1-2  
COURSE #4541-42**  
Course Length: 2 semesters  
Grade Level: 10



**Prerequisite:**  
**Course Description:** Students will formulate predictions and hypotheses based on observations and conduct controlled investigations. Students will learn to analyze and communicate data collected from investigations as well as propose further investigations. Our focus includes the following topics: atomic structure, the periodic table, physical properties of matter, chemical bonding, chemical quantities, chemical reactions, stoichiometry, the behavior of gases, thermochemistry, nuclear processes, weather and climate, and global climate change.

**ADVANCED CHEMISTRY 1-2  
COURSE #4551-52**  
Course Length: 2 semesters  
Grade Level: 10



**Prerequisite:** Successful completion of freshman science course  
**Course Description:** This course is intended for students interested in any science major in college, including those whose career goals are in health professions, engineering, and the environmental sciences. An understanding of atomic structure, bonding of molecules, redox reactions and equilibria, balancing chemical equations, the mole concept, nuclear chemistry, the gas laws, acid-base reactions, and solutions are the major topics covered. Laboratory applications are conducted weekly. Daily homework is assigned.  
**NOTE: Dual Enrollment may be offered for this course.**

**AP CHEMISTRY 1-2  
COURSE #4553-54**  
Course Length: 2 semesters  
Grade Level: 11-12



**Prerequisite:** Successful completion of advanced science course and either completion or concurrent enrollment in Algebra 2 or teacher recommendation.  
**Course Description:** The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year.  
**Dual Enrollment may be offered for this course.**

**AP ENVIRONMENTAL  
SCIENCE 1-2  
COURSE #4529-30**  
Course Length: 2 semesters  
Grade Level: 11-12



**Prerequisite:** Successful completion of at least two science courses or teacher recommendation  
**Course Description:** The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

**PHYSICS 1-2  
COURSE #4561-62 or  
4561v-62v**  
Course Length: 2 semesters  
Grade Level: 10-12

**Prerequisite:** Algebra II or concurrent enrollment in Algebra II  
**Course Description:** This course will develop an understanding of the general principles and models of physics and the nature of scientific inquiry. The level of mathematical sophistication includes some algebra and basic geometry concepts.

**AP PHYSICS 1 1-2**  
**COURSE #4573-74**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12



**Prerequisite:** Successful completion of Geometry and Algebra II; Student may be concurrently taking Algebra II.  
**Course Description:** AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electrical charge and electric force, DC circuits, and mechanical waves and sound.

**AP PHYSICS-C MECHANICS 1-2**  
**COURSE #4575-76**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12



**Prerequisite:** Calculus or concurrent enrollment in Calculus  
**Course Description:** This course is designed for students who will have a college major in engineering or science and is a calculus-based application of Newtonian Mechanics. Studies include kinematics, Newton's laws of motion, work, energy, power, systems of particles, linear momentum, circular motion, angular momentum, oscillations and gravitation. Lecture will be 3 hours/week and laboratory 2 hours/week

**AP PHYSICS-C ELECTRICITY & MAGNETISM 1-2**  
**COURSE #4577-78**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12



**Prerequisite:** Must be concurrently enrolled in Calculus AB or BC  
**Course Description:** This course provides instruction in each of the following five content areas: electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. This course will utilize guided inquiry and student-centered learning to foster the development of critical thinking skills and will use introductory differential and integral calculus throughout the course.

## WORLD LANGUAGES

**FRENCH 1-2**  
**COURSE #5101-02 or 5101v-02v**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12



**Prerequisite:** None  
**Course Description:** Students will build communication skills including speaking, reading, writing, and listening. Students will use basic vocabulary associated to people, places, things, and actions related to their own lives. Students will express themselves in phrases, short sentences and memorized material in the present, present progressive, and past tenses. In addition, students will learn the cultures of the people where the language is spoken. Upon successful completion of the course, students will be able to describe, ask and answer simple questions, engage in simple conversations and carry out simple functions at the Readiness level, as stated in Arizona College and Career Ready Standards.

**FRENCH 3-4**  
**COURSE #5103-04**  
**Course Length:** 2 semesters  
**Grade Level:** 10-12



**Prerequisite:** None  
**Course Description:** Students will continue to build their communication skills including speaking, reading, writing, and listening. Students will use an intermediate level of vocabulary to express themselves in longer sentences and phrases. Students will use the present, present progressive, past (including preterit and imperfect), and imperative tenses with greater ease and write paragraph length material. In addition, students will learn the cultures of the people where the language is spoken. Upon successful completion of the course, students will be able to read, write, listen, and speak at the Foundations level, as stated in Arizona College and Career Ready Standards.

**FRENCH 5-6**  
**COURSE #5105-06**  
**Course Length:** 2 semesters  
**Grade Level:** 11-12



**Prerequisite:** None  
**Course Description:** Students will continue to build their communications skills including speaking, reading, writing, and listening. Students will narrate, describe ideas, and give opinions. Students will express their ideas completely and interestingly in communicating with generally accurate grammar, vocabulary, spelling, accents, and punctuation. Students will use the present, present progressive, past (including preterit and imperfect), imperative, conditional, subjunctive, and future. Students will be exposed to authentic expository and fictional material produced for native speakers and write multi paragraph essays on a variety of topics. In addition, students will learn the cultures of the people where the language is spoken. Upon successful completion of this course, students will read, write, listen, and speak the language at the Essentials level, as stated in Arizona College and Career Ready Standards.






**AP FRENCH LANGUAGE AND CULTURE**  
**COURSE #5107-08**  
**Course Length:** 2 semesters  
**Grade Level:** 12



**Prerequisite:** None  
**Course Description:** This course is designed to prepare students for the Advanced Placement exam. Students will use more advanced grammatical structures including the present, present progressive, past (including the preterit and the imperfect), imperative, conditional, subjunctive, future, past progressive, pluperfect, and past subjunctive. Students will write in order to effectively explain their point of view and read non-technical material and literature. In addition, students will learn the cultures of the people where the language is spoken. Upon successful completion of this course, students will be able to read, write, listen, and speak the language at the Proficiency level, as stated in Arizona College and Career Ready Standards.

**MANDARIN 1-2**  
**COURSE #5308-09**  
**Course Length:** 2 semesters  
**Grade Level:** 9-12

**Prerequisite:** None  
**Course Description:** The course is designed to introduce students to Chinese language and culture. Chinese 1-2 will prepare students to communicate authentically in Chinese by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking & writing) information on a variety of topics. Students will be introduced to the relationships among the products, practices, and perspectives of Chinese-speaking cultures.  
**NOTE: Dual Enrollment may be offered for this course.**

<b>MANDARIN 3-4</b> <b>COURSE #5310-11</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 10-12	<b>Prerequisite:</b> None <b>Course Description:</b> Students will continue to build communication skills in the Chinese language and culture. Chinese 3-4 will further prepare students to communicate authentically in Chinese by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking & writing) information on a variety of topics. Students will continue their study of the relationships among the products, practices, and perspectives of Chinese-speaking cultures. <b>NOTE: Dual Enrollment may be offered for this course.</b>
<b>MANDARIN 5-6</b> <b>COURSE #5312-13</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 11-12	<b>Prerequisite:</b> None <b>Course Description:</b> In Level III, students continue to build communication skills developed in Levels I and II. Specifically, students participate actively in extended oral and written discourse, using compound and complex sentences with cohesive devices to provide information in a coherent and fluent manner. They learn to initiate and sustain a conversation, discussion, or debate. Students narrate, describe, and predict events within context. Culture is a critical part of Chinese III curriculum. Students will be immersed in cultural intricacies through learning about traditional and contemporary cultural perspective and products. 中文三 Chinese III course focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.
<b>SPANISH 1-2</b> <b>COURSE #5121-22 or 5121v-22v</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9-12 	<b>Prerequisite:</b> None <b>Course Description:</b> Students will build communication skills including speaking, reading, writing, and listening. Students will use basic vocabulary related to people, places, things, and actions related to their own lives. Students will express themselves in phrases, short sentences and memorize material in the present, present progressive, and past tenses. In addition, students will learn the cultures of the people where the language is spoken. Upon successful completion of the course, students will be able to describe, ask and answer simple questions, engage in simple conversations and carry out simple functions at the Readiness level, as stated in Arizona College and Career Ready Standards.
<b>SPANISH 3-4</b> <b>COURSE #5123-24 or 5123v-24v</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 10-12 	<b>Prerequisite:</b> None <b>Course Description:</b> Students will continue to build their communication skills including speaking, reading, writing, and listening. Students will use an intermediate level of vocabulary to express themselves in longer sentences and phrases. Students will use the present, present progressive, past (including preterit and imperfect), and imperative tenses with greater ease and write paragraph length material. In addition, students will learn the cultures of the people where the language is spoken. Upon successful completion of the course, students will be able to read, write, listen, and speak at the Foundations level, as stated in Arizona College and Career Ready Standards.
<b>SPANISH 5-6</b> <b>COURSE #5125-26 or 5125v-26v</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 11-12 	<b>Prerequisite:</b> None <b>Course Description:</b> Students will continue to build their communications skills including speaking, reading, writing, and listening. Students will narrate, describe ideas, and give opinions. Students will express their ideas completely and interestingly in communicating with generally accurate grammar, vocabulary, spelling, accents, and punctuation. Students will use the present, present progressive, past (including preterit and imperfect), imperative, conditional, subjunctive, and future. Students will be exposed to authentic expository and fictional material produced for native speakers and write multi-paragraph essays on a variety of topics. In addition, students will learn the cultures of the people where the language is spoken. Upon successful completion of this course, students will read, write, listen, and speak the language at the Essentials level, as stated in Arizona College and Career Ready Standards.
<b>NATIVE SPANISH 1-2</b> <b>COURSE #5131-32</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9-12 	<b>Prerequisite:</b> None <b>Course Description:</b> This course stresses the development of oral, reading and writing skills, vocabulary building and accurate communication skills for the bilingual student. Students will research various topics, analyze texts, write essays and compositions, and read narratives and short stories. Students will learn advanced grammar structures such as the present, present progressive, past (including preterit and imperfect), and imperative, subjunctive, conditional, and future. In addition, students will learn and compare Spanish Speaking cultures. Upon successful completion of this course, students will read, write, listen, and speak Spanish at the Proficiency level
<b>AP SPANISH LANGUAGE &amp; CULTURE</b> <b>COURSE #5133-34</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 10-12 	<b>Prerequisite:</b> None <b>Course Description:</b> This course is designed to prepare students for the Advanced Placement exam and stresses the development of oral reading and writing skills for the intermediate bilingual student. Students will research various topics, analyze texts, write essays and compositions, and read narratives, short stories, and novels. Advanced grammar structures and language such as the present, present progressive, past (including preterit and imperfect), imperative, future, conditional, subjunctive, past progressive, pluperfect, and past subjunctive will be reinforced and emphasized. In addition, students will learn and compare Spanish speaking cultures. Upon successful completion of this course, students will read, write, listen, and speak Spanish at the Distinction level, as stated in Arizona College and Career Ready Standards.



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**AP SPANISH LITERATURE & CULTURE****COURSE #5135-36****Course Length:** 2 semesters**Grade Level:** 12**Prerequisite:** None

**Course Description:** The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, plays, and essays) from Peninsular Spanish, Latin American, and U. S. Hispanic literature. Through careful examination of the required readings and other texts, students work to hone their critical reading and analytical writing skills. Literature is explored within the contexts of its time and place, and students gain insights on the many voices, historical periods, and cultures represented in the required readings and other texts. The course also includes a strong focus on cultural, artistic, and linguistic connections and comparisons, which is supported by the exploration of various media (art, music, film, articles, and literary criticism).

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**MISCELLANEOUS**

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**ACADEMIC/CAREER SUCCESS 1-2****COURSE #5491-92****Fee:** None**Course length:** 2 semesters**Grade level:** 9-12**Prerequisite:** None

**Course description:** Students will explore different career opportunities and gain computer skills including keyboarding. This course emphasizes communication skills, goal planning/setting, post high school transition skills, literacy and an introduction to Microsoft Office Suite. Students will obtain skills for career exploration.

**NOTE: This course does not fulfill CTE requirement for graduation.**

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**AP SEMINAR 1-2****COURSE #7320-21****Course Length:** 2 semesters**Grade Level:** 10-12

**Prerequisite:** Student should be able to read a college-level textbook and write grammatically correct, complete sentences.

**Course Description:** AP Seminar is the first course in the AP Capstone program. It is a foundational course that engages student in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, student practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances.

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**AP RESEARCH 1-2****COURSE #5660-61****Course Length:** 2 semesters**Grade Level:** 10-12

**Prerequisite:** Successful completion of AP Seminar and teacher recommendation. Students should be able to read a college-level textbook and write grammatically correct, complete sentences

**Course Description:** AP Research is the second course in the AP Capstone program. This course allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address research questions. In this course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic paper of 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and presentation with an oral defense.

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**AP COMPUTER SCIENCES PRINCIPLES 1-2****COURSE #5670-71****Course Length:** 1 semester**Grade Level:** 10-12

**Prerequisite:** Successful completion of Algebra I and student should be able to read a college-level textbook and write grammatically correct, complete sentences.

**Course Description:** This course is designed to be equivalent to a first semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will develop effective communication and collaboration skills by working individually and collaboratively to solve problems and will discuss and write about the impacts these solutions could have on their community, society, and the world.

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**JAG JUNIOR 1-2****#9352-53****Course Length:** 2 semesters**Grade Level:** 11

**Prerequisite:** Application and interview process

**Course Description:** The Jobs for Arizona's Graduate (JAG) class is an education-to-careers opportunity designed to help students understand the importance of graduating from high school, obtaining a job and/or seeking post-secondary education for the purpose of securing a pathway to a viable career. The course includes competencies that meet the needs of today's employers (i.e., Career Development, Job Attainments, Job Survival, Basic Competencies, Leadership and Self –Development, Personal Skills, Life Survival, and Workplace Competencies). They learn core life and work readiness skills to build a network for the future. JAG students are members of the National Career Association, a student led organization through which students develop teamwork, leadership skills, and participate in a variety of activities including service learning.

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**JAG SENIOR 1-2****#9354-55****Course Length:** 2 semesters**Grade Level:** 12

**Prerequisite:** Application and interview process

**Course Description:** The Jobs for Arizona's Graduate (JAG) class is an education-to-careers program designed to help students not only graduate from high school, but also obtain a job and/or seek post-secondary education and in preparation to enter the world of work. JAG programming continues to include competencies that meet the needs of today's employers and blends project-based learning, trauma-informed care practices, and employer engagement opportunities to help students address and cope with challenges they face outside of school. JAG students are members of the National Career Association, a student led organization through which students develop teamwork, leadership skills, and participate in a variety of activities including service learning. JAG teachers will provide continued support and follow-up services for graduates and non-graduates for a period of 12 months following the end of the senior year.

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<b>LEADERSHIP ACADEMY 1-2</b> <b>COURSE #6531-32</b> <b>(WPHS only)</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9-12	<b>Prerequisite:</b> None <b>Course Description:</b> This course is designed to cultivate the individual leadership competencies and potentials of students within the WPHS Leadership Academy. This will take place via rigorous and challenging curriculum, leadership training, and service learning.
<b>LEADERSHIP ACADEMY 3-4</b> <b>COURSE #6533-34</b> <b>(WPHS only)</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 10-12	<b>Prerequisite:</b> Successful completion of Leadership Academy 1-2 or instructor approval <b>Course Description:</b> This course will continue to cultivate the individual leadership competencies and potentials of students within the WPHS Leadership Academy. This will take place via rigorous and challenging curriculum, leadership training, and service learning. The Program of Study will evolve as the programs becomes established.
<b>LEADERSHIP ACADEMY 5-6</b> <b>COURSE #6535-36</b> <b>(WPHS only)</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 11-12	<b>Prerequisite:</b> Successful completion of Leadership Academy 3-4 or instructor approval <b>Course Description:</b> This course will continue to cultivate the individual leadership competencies and potentials of students within the WPHS Leadership Academy. This will take place via rigorous and challenging curriculum, leadership training, and service learning. The Program of Study will evolve as the program grows.
<b>LEADERSHIP ACADEMY 7-8</b> <b>COURSE #6537-38</b> <b>(WPHS only)</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 12	<b>Prerequisite:</b> Successful completion of Leadership Academy 5-6 or instructor approval <b>Course Description:</b> This course will continue to cultivate the individual leadership competencies and potentials of students within the WPHS Leadership Academy. This will take place via rigorous and challenging curriculum, leadership training, and service learning. The Program of Study will continue to evolve in order to meet the ever-changing needs of society.
<b>DAILY LIVING 1-2</b> <b>Levl</b> <b>COURSE ID# 9860-61</b> <b>Course Length:</b> 2 semesters (may be repeated for credit) <b>Grade Level:</b> 9-12	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> Students will comprehend concepts related to health promotion and disease prevention. Students will demonstrate the ability to practice health-enhancing behaviors and reduce health risks. Students will also learn skills for independent living, including home safety; meal planning; purchasing and preparation; cleaning; and clothing care based on the Arizona College and Career. Students may also participate in additional educational opportunities related to their postsecondary goals for education, training, employment, and independent living.
<b>LIFE SKILLS</b> <b>VOCATIONAL ARTS</b> <b>COURSE ID#9850-51</b> <b>Course Length:</b> 2 semesters (may be repeated for credit) <b>Grade Level:</b> 9-12	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> Students use the principles of effective oral, written and listening communication skills to make decisions and solve workplace problems. Students will also work individually and collaboratively within team settings to accomplish objectives. Students will demonstrate a set of marketable skills which will enhance career options. Students will explore areas of interest and possible work choices based on the Arizona College and Career for workplace skills. Students may also participate in additional educational opportunities related to their post-secondary goals for education, training, employment, and independent living.
<b>PEER COUNSELING 1-2</b> <b>COURSE # 9310-11</b> <b>Course Length:</b> 2 semester(s) <b>Grade Level:</b> 9-12 AZ22107	<b>Prerequisite:</b> <b>Course Description:</b> Peer Counseling allows students to serve as leaders on their campus in order to assist in the reduction of conflict among fellow students. Students may work individually or part of a group to solve problems and promote mutual support among their peers.
<b>STUDENT LEADERSHIP</b> <b>COURSE # 9304-05</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 9-12	<b>Prerequisite:</b> Students must meet district and school criteria. <b>Course Description:</b> Student Government represents the nucleus of student leaders. Their basic function is encouraging student participation in school activities and campus culture. This class gives practical experience in the areas of planning, conducting, coordinating, and developing leadership and responsibility. In accordance to the organization's Constitution or By-laws, a student is typically elected to office; however, a student may also be appointed to serve in a specific capacity. The course may be repeated for credit.
<b>STUDENT SKILLS FOR</b> <b>TRANSITION (SST) 9 1-2</b> <b>COURSE #9111-12</b> <b>Course Length:</b> 2 semesters (may be repeated for credit) <b>Grade Level:</b> 9	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is the first in a series of courses. Emphasis will be on organizational skills and social/emotional skills. Students will also develop self-advocacy skills and an understanding of their individual strengths and needs and related accommodations necessary for success. Students will have the opportunity to have additional teacher support with assignments, tests, and projects required for their academic classes, using the skills they are developing in this course. This course will also address the skills necessary for postsecondary college and career readiness.
<b>STUDENT SKILLS FOR</b> <b>TRANSITION (SST) 10 1-2</b> <b>COURSE #9109-10</b> <b>Course Length:</b> 2 semesters (may be repeated for credit) <b>Grade Level:</b> 10	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is the second in a series of courses. Emphasis will be on organizational skills and social/emotional skills. Students will also develop self-advocacy skills and an understanding of their individual strengths and needs and related accommodations necessary for success. Students will have the opportunity to have additional teacher support with assignments, tests, and projects required for their other academic classes, using the skills they are developing in this course. This course will also address the skills necessary for postsecondary college and career readiness.

<b>STUDENT SKILLS FOR TRANSITION (SST) 11 1-2 COURSE #9330-31</b> <b>Course Length:</b> 2 semesters (may be repeated for credit) <b>Grade Level:</b> 11	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is the third in a series. Emphasis will be on organizational skills and social/emotional skills. Students will also develop self-advocacy skills and an understanding of their individual strengths and needs and related accommodations necessary for success. Students will have the opportunity to have additional teacher support with assignments, tests, and projects required for their other academic classes, using the skills they are developing in this course. This course will also address the skills necessary for postsecondary college and career readiness.
<b>STUDENT SKILLS FOR TRANSITION (SST) 12 1-2 COURSE #9119-20</b> <b>Course Length:</b> 2 semesters (may be repeated for credit) <b>Grade Level:</b> 12	<b>Prerequisite:</b> Administrative Approval <b>Course Description:</b> This course is the fourth in a series. Emphasis will be on organizational skills and social/emotional skills. Students will also develop self-advocacy skills and an understanding of their individual strengths and needs and related accommodations necessary for success. Students will have the opportunity to have additional special education teacher support with assignments, tests, and projects required for their other classes, using the skills they are developing in this course. This course will also address the skills necessary for postsecondary college and career readiness.
<b>WORKPLACE EXPERIENCE COURSE #9281-82</b> <b>Course Length:</b> 2 semesters <b>Grade Level:</b> 12	<b>Prerequisite:</b> Approval by guidance and employer or volunteer coordinator <b>Course Description:</b> Students work or volunteer in a field related to their interest. Goals are set cooperatively by the student, teacher and employer/volunteer coordinator. This course may include study of the field. Students will meet with the employer or volunteer coordinator weekly and document progress, work hours and growth as a result of the experience. Each semester requires a minimum of 60 hours per half credit.

## ***SPECIAL PROGRAMS AND CLASSES (SEE COUNSELOR)***

### ***❖ GIFTED & TALENTED PROGRAM***

The Tolleson Union High School District (TUHSD) offers a gifted and talented program for identified and qualified students. Appropriate and approved screening instruments are utilized in accordance with the regulations of the State Board of Education to effectively identify eligible students. Annual screening of freshman students occurs in the fall based on teacher recommendations. Students and parents may request screening for the program by contacting the school's Gifted Advisor.

Identified gifted students and their parents are provided the opportunity to develop an individual educational plan that is designed to meet the unique academic needs of each student in the program. A detailed explanation of program services and procedures can be found in the Gifted and Talented Program Scope and Sequence, which is available for review at each school site and at the District office.

The goals of this TUHSD program are:

- To support the development of self-directed, autonomous learners.
- To enhance and expand the opportunity for learning both during high school and in preparation for post-secondary transition.
- To develop the student's ability to think and reason critically.
- To develop and foster effective communication skills and abilities of students.
- To facilitate communication between and among students, school staff, and parents relative to gifted and talented program issues and information.

### ***❖ PEER TUTORING PROGRAM***

A peer-tutoring program is available in the Tolleson Union High School District. Student tutors are eligible to earn one-half elective pass/fail credit per semester. Tutors will assist the instructor in providing individualized and small group instruction to select student(s). The tutors will work in the content areas in which they have demonstrated successful completion of the program competencies as evidenced by a grade average in the content area of "B" or better.

### ***❖ SPECIAL SERVICES***

TUHSD provides a comprehensive program of special education classes and services in compliance with the Individuals with Disabilities Education Act, the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. A copy of parental and student rights (Procedural Safeguards) are available on the district's website at [www.tuhd.org](http://www.tuhd.org) and in the Tolleson Union High School District Special Services Office and in each school's Special Education Office.

The special education department offers programs, services and classes within the district for the following areas of identified disability:

Mild Intellectual Disability	Hearing Impaired
Moderate Intellectual Disability	Vision Impaired
Severe Intellectual Disability	Other Health Impaired
Specific Learning Disability	Speech/Language Impairment
Multiple Disabilities	Orthopedic Impaired
MD with Severe Sensory Impairment	Autism
Emotional Disability	Traumatic Brain Injured

The TUHSD is looking for any student who may need specialized instruction, therapy services or specialized equipment. If you are aware of a student who has any special needs such as speech, emotional, motor, visual, hearing or substantial learning deficits, call your child's counselor or the Director of Special Services.



Placement: Students who have been determined to be eligible for special education and related services, which must include the need for specially designed instruction, may be enrolled in general education courses with supplementary aides and services. Based upon the IEP team's recommendation, students may also be placed in classes exclusively for students with disabilities. The IEP specifies the level of special education service to be provided as well as the type of setting that is needed by the student (examples include, but are not limited to: inclusion, inclusion with modifications, special education classes and self-contained). Enrollment in certain classes is restricted to students with disabilities. More information about the various options for special education classes will be provided to families with disabilities when discussing scheduling options.

### ❖ **TEACHER ASSISTANT**

The credit earned for one (1) semester assignment as a Teacher Assistant shall be one-half (1/2) unit. In addition, a student may earn a maximum of one (1) unit of Teacher Assistant credit to fulfill graduation requirements at Tolleson Union High School District.

## **UNIVERSITY HIGH SCHOOL**

University High School is a research-based college preparatory school designed to serve students with demonstrated desire and academic ability residing in the Tolleson Union High School District. Research indicates rigorous high school experiences, which are sustained for several years, support students as they move onto further academic challenges. Sustained academic rigor provides students with distinct opportunities to develop skills, knowledge, and attitudes required for university success.

UHS welcomes students of demonstrated motivation and ability to engage in a rigorous education that fosters responsibility and the spirited pursuit of knowledge. Information regarding the competitive admission process for University High can be found by visiting our website. Students are invited to enroll based upon the following: student academic performance; standardized scores; grade point average; and staff recommendation. Students admitted partake in rigorous courses which are comparable to the best private college preparatory schools in Arizona. To apply or receive information about University High, call 623-478-4212.

University High students who reside within the Tolleson Union High School boundaries may be provided transportation. Students residing outside the Tolleson Union High School boundaries must provide their own transportation to and from school.

The theme of University High is, "*Building a Legacy through Harnessing the Power of Dreams.*" We understand that one approach to building social skills and determination is through diverse extracurricular experiences. Clubs and organizations give students an opportunity to improve leadership qualities, learn new skills, meet other students with similar interests, and to have fun. Therefore, students are encouraged to participate in extracurricular activities. University High School, in conjunction with Tolleson Union High School, offers a comprehensive program of academic and extracurricular activities.

University High's successful, data driven, research-based program of study for college readiness and retention is seen below. Summer school acceptance for failing credit is determined by the Academic Dean and counseling staff. Students at UHS follow the program of study below:

<b>Freshman Year</b>	<b>Credit(s)</b>	<b>Sophomore Year</b>	<b>Credit(s)</b>
Advanced Algebra I	1.0	Advanced Algebra II	1.0
AP Human Geography	1.0	Pre AP-Sophomore English	1.0
Advanced Freshman English	1.0	Advanced Chemistry	1.0
Pre AP-Biology	1.0	AP World History	1.0
Speech/Creative Writing	1.0	World Language	1.0
Elective: Arts Selection or JROTC	1.0	Elective	1.0
<b>Junior Year</b>	<b>Credit(s)</b>	<b>Senior Year</b>	<b>Credit(s)</b>
Pre-Calculus	1.0	AP Calculus or AP Statistics	1.0
AP Language and Comp	1.0	AP Literature and Composition	1.0
Advanced Physics or AP Science Selection	1.0	US/AZ Government	0.5
AP US History/AZ History/Geo	1.0	Economics	0.5
World Language – 2 <sup>nd</sup> year	1.0	Suggested additional science	1.0
Elective*	1.0	Elective: (Students who do not pass Pre-Calculus will retake the course at this time)	1.0
<b>ADDITIONAL NOTES:</b>			

**Geometry** must be completed before the start of a student's sophomore year. University High will offer an online option when possible, to meet this requirement.

\*The **Wellness** requirement may be fulfilled by the successful completion of 1 full credit of PE/Health, Varsity (Marching) Band/Flag Line, ROTC, or Dance. PE/Health is typically completed by UHS students as an independent study online during the sophomore year. Students who do not complete the Wellness requirement by the given deadline during their sophomore year will be scheduled into a P.E./Health class their junior year.

## *WEST POINT HIGH SCHOOL LEADERSHIP ACADEMY*

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West Point High School opened in the fall of 2019 to freshman and sophomore students within its Tolleson Union High School District boundaries as well as those who are accepted to the school under the district's Open Enrollment guidelines.

TUHSD is collaborating with Luke Air Force Base to provide students in the Leadership Academy at West Point High School with a rigorous and challenging curriculum that has an emphasis on science, technology, engineering, art, and math (STEAM) and diplomacy. Students will cultivate individual leadership competencies and potential through leadership training and service learning. An Innovation Center will serve as the hub of the west valley campus, allowing students to meet outside of class time to further explore, create, problem-solve and communicate findings with regard to real world conditions and current states of affairs.

For more information about WPHS or the Leadership Academy, contact your school guidance counselor.