



# **2024-2025**

## ***Course Description Book***

Agua Fria High School  
Canyon View High School  
Desert Edge High School  
Millennium High School  
Verrado High School  
Coldwater Alternative Learning Center  
Agua Fria Online  
New Directions Program

# AGUA FRIA UNION HIGH SCHOOL DISTRICT #216

## Creating Choice.Crafting Character.Cultivating Community

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## **Notice of Nondiscrimination**

The Agua Fria Union High School District No. 216 does not discriminate on the basis of race, color, national origin, religion, sex, sexual orientation, gender identity, age or disability in its programs and activities and provides equal access to other designated youth groups. The lack of English language skills shall not be a barrier to admission or participation in the District's programs and activities. The Agua Fria Union High School District No. 216 does not discriminate in its hiring of 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. Please forward inquiries and requests for additional information regarding these laws to:

**Agua Fria Union High School District No. 216**  
**1481 N. Eliseo Felix Jr. Way**  
**Avondale, AZ 85323**

**Compliance Title IX:** Tamee Gressett, Director II of Student Services, 1481 N. Eliseo Felix Jr. Way, Avondale, AZ 85323; 623-932-7003

**Compliance Title VI:** Shelle Schlosser, Director of Federal Programs-Community Outreach, 1481 N. Eliseo Felix Jr. Way, Avondale, AZ 85323; 623-932-7029

**Compliance Title II and Section 504:** Patrick Becker, Director of Exceptional Student Services, 1481 N. Eliseo Felix Jr. Way, Avondale, AZ 85323; 623-932-7017

## **REQUIREMENTS AND OTHER INFORMATION**

### **ACADEMIC LETTER**

Students achieving a 3.7 GPA on a weighted 4.0 scale will be awarded an Academic Letter. If a student acquires a 3.7 GPA during any semester thereafter, he/she will receive a "Lamp of Learning" pin.

### **ACT, ACT ASPIRE, PRE-ACT Secure**

ACT is the current State Board of Education proficiency exam to be administered to all 11th grade students. ACT Aspire the current State Board of Education proficiency exam to be administered to all 9th grade students. The PreACT Secure is administered to 10th grade students. The ACT, ACT Aspire, and PreACT Secure will be administered in the spring semester.

### **ADVANCED PLACEMENT (AP) CLASSES**

The Advanced Placement Program affords students the opportunity to complete college-level courses in high school. Participating colleges grant credit and appropriate placement based on the scores that students achieve on the AP examination. Students who complete an AP course are expected to take the appropriate AP examination at their own expense. Students are not required to be enrolled in an AP course to take an AP exam. For more information on the AP Program visit [www.collegeboard.org](http://www.collegeboard.org).

### **ADVISORY**

As a means of increasing the positive and meaningful relationships among students and staff in the Agua Fria Union High School District, each student will be assigned to an Advisory. Advisory allows one teacher or staff member to work with and get to know a group of students. Advisory programs promote healthy student development and academic success. They assure that each student has one adult who knows him or her well, and help create stronger bonds among young people. Students earn a pass/fail grade based on participation and lesson engagement. Attendance is required.

### **ALGEBRA EXTENSION REQUIREMENTS**

Students identified below 9th grade level on District Math assessments may be required to enroll in Algebra Extension. This course corresponds to the tiers of the Response to Intervention model, and students will remain in the course until district exit requirements have been met. Upon successful completion of this course, a student will earn an elective credit.

### **AMERICAN CIVICS ACT TEST**

The American Civics Act (HB 2064) passed on January 15, 2015, requires students to pass a civics test in order to graduate from high school. Agua Fria Union High School District will provide multiple opportunities for students to take and pass this exam to meet the state graduation requirement. A score of 60% or higher is required through the graduation year 2025. A score of 70% or higher is required starting with the graduating class of 2026.

### **ATTENDANCE POLICY**

A.R.S. 15-803B mandates that 90% attendance is required in each class to receive credit. If a student reaches 10 absences (excused or unverified) in a class, they jeopardize their ability to earn credit in that class. For additional information, please refer to the Student Rights and Responsibilities Handbook at the District website: [www.aguafria.org](http://www.aguafria.org)

### **AUDITING CLASSES**

A new student or a current student in a new class, after the tenth day of the semester and prior to the beginning of the 7th week of the semester may enroll in a new class under audit status (NC - no credit). However, at the discretion of the teacher and upon completing all work for the course, the student may receive credit.

A current student in a current class may choose to audit a class for no grade and no credit if done prior to the 7th week of the semester. Once this request is approved there will be no change back to credit status. For all information regarding auditing classes and the completion of an Audit Contract Form please see your counselor.

## **AzSCI SCIENCE TEST**

The AzSCI Science Test is a standards-based assessment that measures student proficiency of the Arizona Academic Content Standards in Science. The State Board of Education requires that all students take the AzSCI test during 11th grade, which is administered in the spring of each school year.

## **CHALLENGE TESTING**

Challenge testing is an opportunity for students to show proficiency in a content area where documentation (transcripts) may be missing. Students who are homeschooled or attend a non-accredited school are required to challenge test and/or demonstrate proficiency to be awarded a credit. Students who feel they have a proficient level of knowledge may also challenge test to earn credit. Challenge exams are not offered in all subjects. Challenge Exams may not be taken to improve a grade.

## **CHANGE OF CLASS SCHEDULE**

The schedule of classes offered is based on student requests made during the registration process of the previous school year; therefore, it is imperative for each student to determine those requests carefully. Once the student's daily class schedule has been established for the year, that class schedule may be changed **ONLY** under the following circumstances:

1. Completion of a class by correspondence or in summer school
2. Failure of a prerequisite course
3. Changes necessary to satisfy graduation requirements
4. Administrative changes such as course conflicts, unbalanced class enrollments or student misplacement

Follow your school's procedure for changing classes if you meet the above criteria.

## **CONCURRENT ENROLLMENT IN HIGH SCHOOL AND COLLEGE**

Graduation requirements established by the Governing Board may be met by a student who passes courses in the required or elective subjects at a community college or university if the course is at a higher level than the course taught in the high school attended by the student or, if the course is not taught in the high school attended by the student, the level of the course shall be equal to or higher than the level of a high school course.

The Agua Fria Union High School District Governing Board shall award one (1) Carnegie unit of credit for each semester course of three (3), four (4), or five (5) hours of approved credit completed with a passing grade. No partial credit will be given. College course work will be graded on the following scale: A = 4 points, B = 3 points, C = 2 points, D = 1 point, F = 0 points.

In addition, the individual college or university may have additional conditions for enrollment that are the responsibility of the student. Students are responsible to provide an official transcript at the completion of the course to the high school registrar.

## **COUNSELING OFFICE**

The Counseling office is open to all students and staff. Counselors promote student success through the implementation of a school counseling program that addresses the academic, career, and social/emotional needs of students. Counselors act as liaisons between teachers, parents, and students. A District school psychologist is also available at each campus. The counseling team also includes a social worker to support students in crisis, social and emotional support, and provide students and families with appropriate resources. In addition, two Student Support Specialists are on each campus and support student connections and make appropriate referrals to counselors and the social workers.

## **COURSE AVAILABILITY**

Courses listed herein are for the designated school year. The final decision to offer a course will be dependent upon the following factors: (1) Classroom space; (2) Availability of a certified and/or highly qualified teacher; (3) Enrollment standards are met (a minimum number of students enrolled), (4) Ability of the district to financially support the program. In addition, any proposed new course must

meet the following criteria; (1) Completion of a course request packet (including curriculum map aligning with state standards); (2) District approval for recommendation to Governing Board; (3) Governing Board approval.

### **COURSE LEVEL HONORS (H), ADVANCED PLACEMENT (AP), INTERNATIONAL BACCALAUREATE (IB)**

The courses offered in the Agua Fria Union High School District have been designed to challenge students. These courses are rigorous and provide relevance. Honors courses are designed as (H) level courses. Advanced Placement (AP) and International Baccalaureate (IB) classes are specifically designed as the most rigorous in the District's curriculum. AP and IB classes follow a nationally recognized collegiate level curriculum. Students should contact their particular college for information regarding credit in these classes.

### **COURSE REPEATED FOR A GRADE IMPROVEMENT**

Though all courses may be repeated to raise a grade, the lower grade will be counted as an elective. When a class is taken a second time for grade improvement, the credit and the higher grade will be listed on the official transcript and included in the grade point average (GPA) calculation. When a class is taken for grade improvement the class must be taken at school during the regular school day. The class in which the lower grade was earned will remain on the official transcript but will not be included in GPA calculation. The Request to Repeat a Class for a Better Grade form must be completed and returned to the school counselor.

### **CREDIT ACCEPTANCE CHART**

The credit acceptance chart outlines accepted credits for a variety of situations. Examples include; homeschool, online courses, foreign students, challenge testing, and high school courses taken in the 8th grade.

[Credit Acceptance Chart](#)

### **DISTRICT GRADING SCALE**

The following grading scale is the District recommended grade scale for grade reporting:

- A = 100% to 90%
- B = less than 90% to 80%
- C = less than 80% to 70%
- D = less than 70% to 60%
- F = less than 60%
- P = Pass
- I = Incomplete
- NC = No Credit

**Note:** The teacher is not required to round up a percentage to a higher grade. A pass/fail may be given in specific circumstances (i.e., district summer school, credit recovery, IEP) or where indicated in the course description book.

### **DUAL ENROLLMENT**

Dual enrollment is an opportunity for students, while still in high school and taking classes on the high school campus, to earn college and/or university credit. Dual enrollment will be offered when possible if all of the following conditions are met:

1. An intergovernmental agreement and addendum has been approved and signed by the Agua Fria Union High School District Governing Board and the specific college and/or university;
2. The individual high school teacher has met the course and/or other requirements, including fees, set forth by the individual college and/or university.
3. The college and/or university competencies must align with the high school curriculum.

As a result, offerings may vary from year to year and campus to campus. The Agua Fria Union High School District currently has an intergovernmental agreement with Maricopa Community College District and local select universities. However, all other criteria as noted above must be met in order to provide a dual enrollment opportunity.

Please contact a member of the counseling department for further information regarding the availability of dual enrollment opportunities at Maricopa Community College District.

## **EDUCATION AND CAREER ACTION PLAN (ECAP)**

An Education and Career Action Plan (ECAP) reflects a student's current plan of coursework, career aspirations, and extended learning opportunities in order to develop the student's individual academic and career goals. All students will work with their teachers, advisors and counselors in developing and updating their ECAP. The Arizona Department of Education requires that all students complete an ECAP prior to graduating.

## **EQUAL EDUCATION OPPORTUNITIES**

The right of a student to participate fully in classroom instruction shall not be abridged or impaired because of a person's race, color, religion, sex (including sexual preference/identity), age, national origin, and disability, or any other reason not related to the student's individual capabilities.

## **GIFTED EDUCATION**

The purpose of gifted education in the Agua Fria Union High School District is to identify and motivate highly able students to realize their full potential. The district seeks to formally identify and serve students whose cognitive aptitude is determined to be significantly beyond the level of their peers. Their academic achievement may or may not commensurate with their ability at the time of the identification. Differentiated instruction and other services ensure that identified students achieve at levels commensurate with their abilities. Services will be provided within the school day.

<b>AFUHSD GRADUATION REQUIREMENTS</b>	<b>ARIZONA BOARD OF REGENTS (ABOR)*</b>
A total of 22 credits are required for the 2023-2024 school year for graduation. These credits shall be earned as follows:	The Arizona Board of Regents outlines academic competency required for entrance into Arizona universities. Minimum requirements in the content areas below are as follows:
<b>English</b> <b>4 credits</b> English IA/B, English IIA/B, English IIIA/English IIIB, English IV A/English IV B	<b>English</b> <b>4 credits</b> (1-2, 3-4, 5-6, 7-8)
<b>Mathematics</b> <b>4 credits</b> Algebra 1A/Algebra IB, Geometry A/B, Algebra IIA/Algebra IIB, and one additional math course that includes significant mathematics content.	<b>Mathematics</b> <b>4 credits</b> (Algebra 1-2, Geometry 1-2, Algebra 3-4, and one additional math course with Algebra 3-4 as a prerequisite)
<b>Science</b> <b>3 credits</b>	<b>Lab Science</b> <b>3 credits</b> Three lab science courses <a href="#">Science Pathways</a>
<b>Social Science</b> <b>3 credits</b> (World History, Am/AZ History, Government/Free Enterprise)	<b>Social Science</b> <b>2 credits</b> (U.S. History and one other)
<b>Physical Education</b> <b>1 credit</b>	<b>*International Languages</b> <b>2 credits</b> (of the same language)
<b>*International Languages</b> <b>1 credit</b>	
<b>*Fine Arts or CTE</b> <b>2 credits</b> <b>(Starting with the class of 2028 students will be required to complete 1 Fine Arts AND 1 CTE course)</b>	<b>*Fine Arts or CTE</b> <b>1 credit</b>
<b>Electives</b> <b>4 credits</b>	
<b>22 total credits</b>	

\*Within each university, the colleges establish other criteria for admission. For example, the College of Engineering may require additional math and science courses or the College of Liberal Arts may require a foreign language. **Students should refer to the catalogs from the universities for more specific information.**

- **COMMENCEMENT:** A student may not participate in the commencement ceremony until all graduation requirements have been met, all fees are paid, and the senior checkout sheet is completed and approved. It should be noted that participation in the commencement ceremony is a privilege and not a right.
- **EARLY GRADUATION:** Early Graduation Request forms are available in the counseling office. Requests for early graduation must be submitted and approved in the preceding semester of desired graduation. Completion of this form does NOT guarantee Early Graduation. All district and state policies, regulations, and requirements for graduation must be met. Diplomas for early graduates will be available at the same time all other diplomas are available. Students and counselors are responsible for communicating with each other to ensure that all course credits are earned prior to graduation. Students will assume full responsibility for obtaining graduation materials and meeting dates related to graduation. A student may rescind his/her request for Early Graduation in writing to their counselor. Once the form to rescind Early Graduation is processed, no further request to graduate early can be made. Students are required to take any State required assessment.

## **HOMESCHOOL CREDIT**

A student who enrolls in a district high school after receiving instruction in a homeschool may receive district high school credit toward graduation if the student has earned course credit through an accredited institution and provides the site registrar with an official transcript from the accredited institution. Former homeschool students who enroll in high school are required to take and pass a Challenge Exam with a proficient score for any homeschool course for which the student cannot provide an official transcript from an accredited institution. A parent/guardian generated transcript will not be accepted. Upon passing an exam, a (P) pass will be recorded on the student's transcript. This grade of (P) pass is not calculated into the student's GPA. A student may take a Challenge Exam only once for each subject/course. Challenge Exams must be taken within the first 10 days of enrollment in a course. Any testing for credit will include Arizona State Board of Education competency standards. Parents/legal guardians should note that colleges and universities may have specific limitations on pass/fail credits for their admission standards.

## **HOMEWORK POLICY**

The Agua Fria Union High School District Governing Board recognizes that development of study skills and self-discipline are integral and indispensable elements of a quality educational process.

Homework should be assigned on a routine and systematic basis consistent with the maturity, special needs, potential, and achievement level of the individual student. Students have a responsibility to actively pursue knowledge without any supervision outside as well as within the classroom.

It is critical that all students understand that mastery of skills is not always possible within the time constraints of the classroom. All students should exit the system with a firm foundation for pursuing knowledge and developing skills on an independent basis.

Each subject area department has developed its own policy regarding the assignment of homework and the impact that completed homework will have on a student's grade; however it cannot exceed fifteen percent of the student's total grade per Governing Board Policy IKB-R. Students should be certain to have a full understanding of the homework expectations for each course. Note: If assessments extend outside of the classroom, they could have an impact greater than fifteen percent of a student's grade.

## **HONOR ROLL AND HIGH HONORS**

At the end of each quarter, an honor roll will be posted. The following basic considerations will be used to govern the honor roll:

1. Participation is required in a minimum of six subjects for grades 9, 10, 11; four subjects for grade 12.
2. All courses taken for credit are utilized in the computation.
3. Those courses designed as Honors or Advanced Placement/International Baccalaureate will be weighted as follows:

Recorded Grade	Regular Course	Honors Class (H)	Advanced Placement (AP) International Baccalaureate (IB)
A	4	5	6
B	3	4	5
C	2	3	4

4. Any student who receives a grade of D or F in any subject will be ineligible for placement on the honor roll.
5. A student must earn a 3.0 for honor roll and a 4.0 for high honor roll.

**Note:** Transfer students will have their grades adjusted so that the grades they earn in previous accredited schools will be considered equally with those of all other Agua Fria UHSD students.

### **INTERNATIONAL BACCALAUREATE (IB)**

International Baccalaureate (IB) courses are available at Millennium High School. IB courses prepare students to take IB exams that are administered around the world in late spring of each year. Students can earn the International Baccalaureate Diploma by successfully completing the entire IB curriculum and attaining qualifying scores on the IB exams. Students are required to be enrolled in the IB program to take an IB exam.

### **NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY REQUIREMENTS**

Students need to be aware of the eligibility requirements if they intend to go to a college or university on an athletic scholarship or participate in any Division I,II,III or NAIA athletic program. Please contact your school counselor, athletic coach, athletic director or the NCAA website for specific details.

### **NON-TRADITIONAL PROGRAMS:**

The Agua Fria Union High School District offers a variety of alternative educational opportunities for credit recovery and online learning.

#### **RISE LAB**

In the Rise Lab, students will also use the Edgenuity courseware to complete credits toward their graduation. Eligible students enroll in Rise Lab during the regular school day on their home campus to recover credits. Students must have failed the course in order to be enrolled in Edgenuity for Credit Recovery (CR). Edgenuity CR classes may not be used to recoup credits from classes receiving grades of NC (No Credit) or I (Incomplete), however, the Original Credit (OC) version of the course may be taken to earn credit for an NC. There may be additional reasons why a student would need to take OC courses in the Rise Lab as decided by the school counselor and administration. Freshmen and sophomores can only be enrolled in Rise Lab classes if they've transferred in at a point in the semester when they would not receive credit in regular, in-person courses or to complete personal development requirements in conjunction with marching band, dance, or other special physical education circumstances.

Students must complete any pre-tests, mid-terms, and final exams in the lab. Tests and pre-tests may be required to be retaken for any reason during the school day, before school, after school or in summer school.

### **CREDIT RECOVERY SUMMER SCHOOL**

Students with credit deficiencies are also eligible to be scheduled into summer school. Summer school is an opportunity for students to recover credits in the month of June. Summer school is highly recommended for students who need to recover credits. Summer school is offered in both the traditional and online environment. Students may earn up to 2 credits in the traditional summer school and 1 credit

in the online summer school. In-person summer school offers only full credit courses. There are no .5 credit recovery courses offered in-person. Online summer school using Edgenuity offers both full and .5 credit recovery courses. Enrollment opportunities for in-person summer programs are by application and availability is dependent on staffing and need. Online Summer School is also available through application and availability is dependent on the ability to provide supervisory staff to monitor and evaluate student work. For more information, contact your school counselor during the spring semester or inquire on the Non-Traditional page on the Agua Fria High School District website.

### **INCOMING FRESHMEN SUMMER PROGRAMS:**

The Agua Fria Union High School District provides a variety of credit bearing classes each year in order to introduce students to high school during the summer between their 8th and 9th grade years. These programs are also by application beginning in the spring of future freshmen's eighth grade year. These have recently included Summer Success (Introduction to Math and English) and Introduction to Computer Programming, but availability will be determined on a year to year basis. Information about this will be provided through the counseling department at a student's home school as well as the Non-Traditional page on the Agua Fria High School District website.

### **NON-TRADITIONAL PROGRAMS: CAMPUS BASED ORIGINAL CREDIT**

Students are eligible to take AFUHSD online courses in the Edgenuity platform. All online courses are monitored by an appropriately certified teacher in the content for which the course is assigned according to state and federal guidelines. These teachers grade work, answer questions and offer feedback. These courses will receive an A through F letter grade upon completion, and will *not* be calculated into the student's grade point average (GPA). These processes will originate with the student's counselor, they will submit the enrollment form for campus based original credit. Courses taken during the school day for original credit follow the semester schedule course deadlines.

Only completed courses will be added to students' course history. Students will be able to continue working on unfinished courses during the summer, however, staff support is not available to students during the summer break. Course support will resume when school resumes in August.

If you require NCAA approved coursework, contact the NonTraditional Programs Office at 623.932.7106 to ensure availability and enrollment in the appropriate course. If you wish to participate in an NCAA athletic program in college, there are specific rules and requirements designed by the NCAA that may differ from AFUHSD graduation requirements including what types of non-traditional courses meet NCAA core-course requirements.

Some online courses may NOT satisfy the National Collegiate Athletic Association (NCAA) requirements and therefore may not be counted toward post-secondary athletic eligibility. Some online courses may not satisfy the Arizona Board of Regents requirements for college and/or university entrance. Students must check with their counselor before taking an online course to determine if the course affects their post-secondary eligibility or entrance.

Some courses require fees for materials which must be paid by the student requesting the course.

### **PLAGIARISM & AI USE ONLINE**

Whether intentional or not, students caught plagiarizing in an online class for the first time will have that class put on hold, and the student will be provided an additional opportunity to learn about citing sources. . Upon completion of the additional learning opportunity, the student's course will be reopened. In the same online course, if a second incident of plagiarism, intentional or not, is caught, the course will be closed. Students will be able to take the course during the regular school year in-person, or in summer school, if it is offered in-person.

Artificial Intelligence, being widely available, shall not be submitted as original student work. Should AI work be submitted, students may be warned, have assignments reset, enjoy an opportunity to learn about vetting sources, or have the online course closed.

## **PARENTVUE/STUDENTVUE**

ParentVue is a means for a parent/guardian of an Agua Fria Union High School District student to access the education records of their student through a secured internet site. Access to ParentVue is a free service offered to all current parents/guardians of current students. StudentVue is a means for students to access their own educational records through a secure internet connection site. Please contact your school's counseling office for assistance.

## **PERMANENT RECORDS**

Two types of student records are kept. A transcript is maintained on which semester grades, total units of credit earned and scores on standardized tests are posted. A cumulative folder is kept in the counseling department in which records of interviews, teacher reports, and course of study are filed. When a student graduates, the folder becomes part of the inactive file to which reference is made when information is requested by authorized outside agencies.

If a student provides the signed "Request to Remove SAT/ACT Scores from Transcript Form" to their counselor, **all** SAT/ACT scores will be removed from transcripts. Parents or students may **not** select segments of the scores to be removed. Once all scores are removed, they will not be put back on the transcript. It will be the student's responsibility to send their test scores to their prospective colleges or organizations. Additional testing scores sent to your high school will require an additional signed request to remove those test scores from the transcript.

## **PLANNING A PROGRAM OF STUDY**

In planning a program of study, each student is urged to carefully examine their goals for the future. By doing this early, a wide selection of courses will result, and the maximum value can be realized from the instructional program. The wide selection of course offerings need not be confusing if courses are placed in proper sequences and combined wisely with advice from teacher, parent, counselor and advisor. The final course selections should be the result of a joint effort directed toward a carefully planned program of study.

Diploma Seals: The Arizona State Board of Education has approved two seals for social studies, one for world languages, and one for arts education. Students are recognized with a seal on their diploma and a notation on their transcripts. This designation recognizes high school students that achieve proficiency in related coursework and complete additional examinations along with extracurricular tasks. The Seal of Biliteracy, Seal of Personal Finance, Seal of Fine Arts, and Seal of Civics Literacy each have a unique set of requirements. More information can be found [here](#).

## **PREREQUISITES**

Due to course sequencing, some courses have prerequisites for enrollment. Prerequisites serve as a guide to proper placement. Please refer to course descriptions or your counselor regarding questions about prerequisites.

## **PROGRESS REPORTS AND STUDENT SEMESTER GRADE CARDS**

Progress reports are available at 4 ½ weeks, 9 weeks and 13 ½ weeks each semester through StudentVue and ParentVue. Progress reports are not printed or mailed home. In addition, semester grade cards will be available through StudentVue and ParentVue. Semester grade cards will not be printed or mailed home.

## **RANK IN CLASS**

Rank in class is required by colleges and universities on transcripts submitted for entrance evaluation. Each student will be ranked in accordance with all other students in his/her own graduating class. Students will be ranked using weighted GPA according to Governing Board Policy IKC.

All students in a class or grade are included in the calculations for rank in class. All subjects which count toward graduation are included in the GPA and class rank.

**Courses taken outside of the school academic day are awarded credit but are not included in GPA or rank calculations.**

### **READING REQUIREMENT**

Students identified below 9th grade level in English/Language Arts assessments are required to enroll in English Foundations. These courses correspond to the tiers of the Response to Intervention model, and students will remain in the course until District exit requirements have been met. Upon successful completion of this course, a student will earn an elective credit.

### **SPANISH PLACEMENT TESTS**

The Spanish Placement test is administered to all Spanish I and Spanish II students who have not previously taken the test. It provides important information that allows a student to be placed in the appropriate Spanish course level that matches their current skills. The placement exam must be taken **within the first ten (10) days** of enrollment in the course. (Example: a student who takes a placement test in Spanish I and tests out of this course will be scheduled in Spanish II. If successful with a proficient score, the student will receive a pass ("P") on their transcript. Please see your counselor or teacher for testing information.

### **STAR Program**

STAR is a program in the Agua Fria High School District that allows students to boost their class grade for success on State and/or District testing.

### **STUDENT COURSE FEES<sup>3</sup>**

The Agua Fria Union High School District does not require students to pay for a **required** program of instruction. Some courses may require a fee. Please refer to the fee guide at the end of this course description book or consult bookstore personnel. The opportunity to attend school, complete required course work, or earn required course credit during the regular school day is not contingent upon payment of any optional fee/material charge. However, the Governing Board recognizes that some students may not be able to pay these fees. **NO STUDENT WILL BE DENIED AN EDUCATION AS A RESULT OF AN INABILITY TO PAY THESE SUPPLEMENTARY CHARGES.**

### **TRANSCRIPTS**

Official transcripts must be mailed by the registrar or authorized through Parchment, an electronic system. A fee is charged for official transcripts sent electronically through Parchment. Unofficial transcripts can be printed through Parchment or in the counseling office, both at no cost. Transcripts requested by outside agencies require a signed release.

### **WITHDRAWAL-FROM CLASSES**

If the class drop occurs prior to the tenth day of the semester, the student may replace the class with another available course and receive a grade and one credit.

If the drop occurs after the beginning of the tenth day, the student may enroll in another available class and will audit this class for no credit. The student may, however, make up all the work and, if passing grades are earned and the student passes the end of course assessment, may receive credit for the class with the approval of the teacher involved and the department chair. All grades must be posted in the teacher's gradebook. A grade change form must be completed by the teacher, including detailed reasons, and signed by a teacher and principal.

**\*STUDENTS AND PARENT - PLEASE NOTE**

Courses listed herein are proposed for the 2024-2025 school year. The final decision is to offer a course will be dependent upon the following factors:

1. Classroom space
2. Availability of an Arizona Department of Education certified and highly qualified teacher
3. Enrollment standards are met (a minimum number of students enrolled)
4. Ability of the district to financially support the program
5. Approval of the course by the Governing Board

# AGUA FRIA UNION HIGH SCHOOL DISTRICT

## PROGRAMS AT A GLANCE

Listed in alpha order

### CAREER AND TECHNICAL EDUCATION (CTE)

A - Agua Fria	C - Canyon View	D - Desert Edge	M - Millennium	V - Verrado
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CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
AIR FORCE JROTC													
✓	✓	✓		CTE2660	AFJROTC I A/B	0.5/0.5		✓					23
	✓	✓	✓	CTE2670	AFJROTC II A/B	0.5/0.5	AFJROTC I A/B	✓					23
		✓	✓	CTE2680	AFJROTC III A/B	0.5/0.5	AFJROTC II A/B	✓					23
			✓	CTE2690	AFJROTC IV A/B	0.5/0.5	AFJROTC III A/B	✓					23
AGRISCIENCE & VETERINARY ASSISTING													
✓	✓			CTE2780	Agriscience I A/B	0.5/0.5			✓	✓			24
	✓	✓	✓	CTE2790	Agriscience II A/B	0.5/0.5	Agriscience I		✓	✓			24
		✓	✓	CTE2800	Agriscience III A/B	0.5/0.5	Agriscience II		✓	✓			24
			✓	CTE2810	Agriscience IV A/B	0.5/0.5	Agriscience III		✓	✓			24
			✓	CTE2860	Agriscience Internship A/B	0.5/0.5	Agriscience I, II, III A/B, Application		✓	✓			24
	✓			CTE3000	Veterinary Assisting I A/B	0.5/0.5	Agriscience I		✓				25
	✓	✓		CTE2990	Software & App Design I A/B	0.5/0.5	Algebra I or higher	✓	✓			✓	25
		✓	✓	CTE2620	AP Computer Science Principles: Software & App Design II	0.5/0.5	Software & App Design I A/B	✓	✓			✓	25
			✓	CTE2760	Software & App Design Internship	0.5/0.5	Software & App Design I, AP Computer Science Principles: Software & App Design II	✓	✓			✓	25

BAKING AND PASTRY												
	✓	✓	✓	CTE2830	Baking and Pastry II A/B	0.5/0.5	Baking and Pastry I A/B				✓	26
CONSTRUCTION												
	✓	✓		CTE2240	Construction I A/B	0.5/0.5		✓				26
		✓	✓	CTE2250	Construction II A/B	0.5/0.5	Construction I A/B	✓				26
			✓	CTE2260	Construction Internship A/B	0.5/0.5	Construction I, II A/B, Application	✓				27
CULINARY ARTS												
	✓	✓		CTE2200	Culinary Arts I A/B	0.5/0.5				✓		27
		✓	✓	CTE2210	Culinary Arts II A/B	0.5/0.5	Culinary Arts I A/B			✓		27
			✓	CTE2230	Culinary Arts Internship A/B	0.5/0.5	Culinary Arts I, II A/B, Applic.			✓		28
DIGITAL PHOTOGRAPHY (CTE)												
	✓	✓		CTE2540	Digital Photography I A/B	0.5/0.5				✓	✓	28
		✓	✓	CTE2740	Digital Photography II A/B	0.5/0.5	Digital Photography I A/B			✓	✓	28
			✓	CTE2770	Digital Photography Intern. A/B	0.5/0.5	Digital Photography I, II, (CTE)			✓	✓	29
EARLY CHILDHOOD & EDUCATION PROFESSIONS												
	✓	✓	✓	CTE2280	Early Childhood Education II A/B	0.5/0.5	Early Childhood I A/B	✓		✓		29
			✓	CTE2290	Early Childhood Education Internship A/B	0.5/0.5	Early Childhood I, II A/B, Application	✓		✓		29
	✓	✓		CTE3010	Education Professions I A/B	0.5/0.5		✓	✓			30

ENGINEERING												
	✓			CTE2560	Engineering I A/B	0.5/0.5	Algebra I or higher				✓	30
		✓		CTE2570	Engineering II A/B	0.5/0.5	Engineering I A/B, Algebra I or higher				✓	30
		✓	✓	CTE2580	Engineering III A/B	0.5/0.5	Engineering II A/B, Geometry				✓	30
			✓	CTE2590	Engineering IV - Honors Engineering A/B	0.5/0.5	Engineering III, Algebra III or Pre-Calculus				✓	30
			✓	CTE2400	Engineering Internship A/B	0.5/0.5	Engineering I A/B, Engineering II A/B, Engineering III A/B, Application				✓	31

FILM & TV PRODUCTION											
	✓	✓		CTE2490	Film & TV Production I A/B	0.5/0.5		✓	✓	✓	32
		✓	✓	CTE2500	Film & TV Production II A/B	0.5/0.5	Film & TV Production I A/B	✓	✓	✓	32
			✓	CTE2510	Film & TV Production III A/B	0.5/0.5	Film & TV Production I & II A/B	✓	✓	✓	32
			✓	CTE2550	Honors Film & TV Production IV A/B	0.5/0.5	Film & TV Production III A/B	✓	✓	✓	32
			✓	CTE2520	Film & TV Production Internship A/B	0.5/0.5	Film & TV Production I, II, III, A/B Application	✓	✓	✓	32
GRAPHIC DESIGN											
	✓	✓		CTE2440	Graphic Design I A/B	0.5/0.5		✓	✓	✓	33
		✓	✓	CTE2450	Graphic Design II A/B	0.5/0.5	Graphic Design I A/B	✓	✓	✓	33
			✓	CTE2460	Graphic Design III A/B	0.5/0.5	Graphic Design I & II A/B	✓	✓	✓	33
			✓	CTE2480	Graphic Design Internship A/B	0.5/0.5	Graphic Design I, II, III A/B, Application	✓	✓	✓	34
LAW & PUBLIC SAFETY/SECURITY											
	✓	✓		CTE2410	Law & Public Safety/Security I A/B	0.5/0.5		✓	✓		34
		✓	✓	CTE2420	Law & Public Safety/Security II A/B	0.5/0.5	Law & Public Safety/Security I A/B	✓	✓		34
			✓	CTE2430	Law & Public Safety/Security Internship A/B	0.5/0.5	Law & Public Safety/Security I, II, A/B, Application	✓	✓		35
LIVE ENTERTAINMENT PRODUCTION STAGECRAFT											
	✓	✓		CTE2870	Live Entertainment Production Stagecraft I A/B	0.5/0.5		✓	✓	✓	35
		✓	✓	CTE 2940	Live Entertainment Production Stagecraft II A/B	0.5/0.5	Live Entertainment Production Stagecraft I A/B	✓	✓	✓	35
			✓	CTE2950	Live Entertainment Production Stagecraft Internship A/B	0.5/0.5	Live Entertainment Production Stagecraft I, II A/B, Application	✓	✓	✓	36
MARKETING											
	✓	✓		CTE2110	Marketing Principles I A/B	0.5/0.5		✓	✓	✓	36

		✓	✓	CTE2120	Marketing Principles II A/B	0.5/0.5	Marketing Principles I A/B	✓	✓	✓	✓	✓	36
			✓	CTE2960	Marketing Principles III A/B Sports/Entertainment Marketing	0.5/0.5	Marketing Principles II A/B	✓	✓	✓	✓		37
		✓	✓	CTE2970	Ethical Practices and Financial Planning	0.5/0.5	Marketing I & II, may take Marketing II at the same time	✓					37
			✓	CTE2980	Entrepreneurship Practicum	0.5/0.5	Ethical Practices and Financial Planning	✓					37
			✓	CTE2130	Marketing Principles Internship A/B	0.5/0.5	Marketing Principles I, II A/B, Application	✓	✓	✓	✓	✓	37
<b>MEDICAL ASSISTING</b>													
		✓		CTE2630	Medical Assisting I A/B	0.5/0.5	Biology		✓				38
			✓	CTE2640	Medical Assisting II A/B	0.5/0.5	Medical Assisting I		✓				38
			✓	CTE2720	Medical Assisting Internship A/B	0.5/0.5	Medical Assisting I, II A/B		✓				38
<b>SPORTS MEDICINE</b>													
	✓	✓		CTE2070	Sports Medicine I A/B	0.5/0.5		✓	✓	✓	✓	✓	39
		✓	✓	CTE2080	Sports Medicine II A/B	0.5/0.5	Sports Medicine I A/B	✓	✓	✓	✓	✓	39
			✓	CTE2650	Physical Therapy A/B	0.5/0.5	Sports Medicine I & II	✓	✓		✓	✓	39
			✓	CTE2090	Sports Medicine Internship A/B	0.5/0.5	Sports Medicine I, II A/B, Applic.	✓	✓	✓	✓	✓	39

## CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

**Located on West-MEC Campuses**(application required)

(Please contact school site counselor or [west-mec.edu](http://west-mec.edu) for more course information)

Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
AESTHETICS (One Year)												
		✓	✓	WES3000	Aesthetics I AE101	2.25	✓	✓	✓	✓	✓	
		✓	✓	WES3010	Aesthetics II AE102	2.25	✓	✓	✓	✓	✓	
AIR CONDITIONING TECHNOLOGY (One Year)												
		✓	✓	WES3940	Heating, Ventilation and Air Conditioning I ARC103	2.0	✓	✓	✓	✓	✓	
		✓	✓	WES3950	Heating, Ventilation and Air Conditioning II ARC104	2.0	✓	✓	✓	✓	✓	
AUTOMOTIVE TECHNOLOGY (Two Years)												
		✓	✓	WES3060	Automotive Technologies I AT101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3070	Automotive Technologies II AT102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3080	Automotive Technologies III AT201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3090	Automotive Technologies IV AT202	1.5	✓	✓	✓	✓	✓	
AVIATION MAINTENANCE TECHNOLOGY (Two Years)												
		✓	✓	WES3110	Aviation Technologies General Curriculum AV101	3.0	✓	✓	✓	✓	✓	
		✓	✓	WES3120	Aviation Airframe Systems I AV102	2.0	✓	✓	✓	✓	✓	
		✓	✓	WES3130	Aviation Airframe Systems Summer AV103	1.0	✓	✓	✓	✓	✓	
		✓	✓	WES3140	Aviation Airframe Systems II AV201	3.0	✓	✓	✓	✓	✓	
		✓	✓	WES3150	Aviation Power Plant AV202	2.0	✓	✓	✓	✓	✓	
		✓	✓	WES3700	Aviation Power Plant Summer AV203	1.0	✓	✓	✓	✓	✓	

# CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

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Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
AVIONICS/DRONE ELECTRONICS (2nd Year Only)												
		✓	✓	WES3180	Avionics/Electronic Technologies III ET201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3190	Avionics/Electronic Technologies IV ET202	1.5	✓	✓	✓	✓	✓	
BIOMEDICAL SCIENCE (Two Years)												
		✓	✓	WES4140	Bioscience I BIO101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4150	Bioscience II BIO102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4160	Bioscience III BIO201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4170	Bioscience IV BIO202	1.5	✓	✓	✓	✓	✓	
CODING (Two Years)												
		✓	✓	WES3540	Coding I C101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3550	Coding II C102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3560	Coding III C201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3570	Coding IV C202	1.5	✓	✓	✓	✓	✓	
COLLISION REPAIR & REFINISHING (Two Years)												
		✓	✓	WES3020	Automotive Collision Repair I AC101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3030	Automotive Collision Repair II AC102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3040	Automotive Collision Repair III AC201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3050	Automotive Collision Repair IV AC202	1.5	✓	✓	✓	✓	✓	
CULINARY ARTS (One Year)												
		✓	✓	WES4180	Culinary Arts I CU101	1.25	✓	✓	✓		✓	
		✓	✓	WES4190	Culinary Arts II CU102	1.25	✓	✓	✓		✓	

## CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

**Located on West-MEC Campuses**(application required)

(Please contact school site counselor or [west-mec.edu](http://west-mec.edu) for more course information)

Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
DENTAL ASSISTING (Two Years)												
		✓	✓	WES4060	Dental Assisting I DEN101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4070	Dental Assisting II DEN102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4080	Dental Assisting III DEN201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4090	Dental Assisting IV DEN202	1.5	✓	✓	✓	✓	✓	
DRONE TECHNOLOGY (One Year)												
		✓	✓	WES4280	sUAS-Drones I DT101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4290	sUAS-Drones II DT102	1.5	✓	✓	✓	✓	✓	
ELECTRICAL TRADE SPECIALTY (One Year)												
		✓	✓	WES3980	Industrial Electrician I ELE101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3990	Industrial Electrician II ELE102	1.5	✓	✓	✓	✓	✓	
EMERGENCY MEDICAL TECHNOLOGY (One Year)												
		✓	✓	WES3280	Emergency Medical Services I EM101	1.0	✓	✓	✓	✓	✓	
		✓	✓	WES3290	Emergency Medical Services II EM102	1.0	✓	✓	✓	✓	✓	
ENERGY & ENGINEERING TECHNOLOGY (Two Years)												
		✓	✓	WES3800	Energy & Engineering Technology I EIT101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3810	Energy & Engineering Technology II EIT102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3820	Energy & Engineering Technology III EIT201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3830	Energy & Engineering Technology IV EIT202	1.5	✓	✓	✓	✓	✓	
ENVIRONMENTAL SUSTAINABILITY (One Year)												
		✓	✓	WES4200	Environmental Sustainability I ENS101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4210	Environmental Sustainability II ENS102	1.5	✓	✓	✓	✓	✓	

## CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

## Located on West-MEC Campuses(application required)

(Please contact school site counselor or [west-mec.edu](http://west-mec.edu) for more course information)

Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
FIRE SCIENCE (One Year)												
		✓	✓	WES3300	Fire Service I FS101	1.0	✓	✓	✓	✓	✓	
		✓	✓	WES3320	Fire Service II FS102	1.0	✓	✓	✓	✓	✓	
GENERAL CONSTRUCTION TECHNOLOGY (One Year)												
		✓	✓	WES4000	Construction Technologies I GC103	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4010	Construction Technologies II GC104	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4300	Construction Technologies III GC203	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4310	Construction Technologies IV GC204	1.5	✓	✓	✓	✓	✓	
HAIRSTYLING (Two Years)												
		✓	✓	WES4100	Hairstyling Foundations I HS101	2	✓	✓	✓	✓	✓	
		✓	✓	WES4110	Hairstyling Foundations II HS102	2	✓	✓	✓	✓	✓	
		✓	✓	WES4120	Hairstyling Services I HS201	2	✓	✓	✓	✓	✓	
		✓	✓	WES4130	Hairstyling Services II HS202	2	✓	✓	✓	✓	✓	
IT SECURITY (Two Years)												
		✓	✓	WES3760	Network Security I ITS101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3780	Network Security II ITS102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3770	Network Security III ITS201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3790	Network Security IV ITS202	1.5	✓	✓	✓	✓	✓	
LAW & PUBLIC SAFETY (Two Years)												
		✓	✓	WES3850	Law & Public Safety I LPS101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3860	Law & Public Safety II LPS102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3870	Law & Public Safety III LPS201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3880	Law & Public Safety IV LPS202	1.5	✓	✓	✓	✓	✓	

# CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

**Located on West-MEC Campuses**(application required)

(Please contact school site counselor or [west-mec.edu](http://west-mec.edu) for more course information)

Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
MEDICAL ASSISTING (One Year)												
		✓	✓	WES3710	Medical Assisting Services I MA103	2.75	✓		✓	✓	✓	
		✓	✓	WES3720	Medical Assisting Services II MA104	2.75	✓		✓	✓	✓	
MEDICAL ASSISTING (Two Years)												
		✓	✓	WES3380	Medical Assisting Services I MA101	1.5	✓		✓	✓	✓	
		✓	✓	WES3390	Medical Assisting Services II MA102	1.5	✓		✓	✓	✓	
		✓	✓	WES3400	Medical Assisting Services III MA201	1.5	✓		✓	✓	✓	
		✓	✓	WES3410	Medical Assisting Services IV MA202	1.5	✓		✓	✓	✓	
MEDIUM/HEAVY DIESEL TECHNOLOGY (Two Years)												
		✓	✓	WES3420	Diesel Engine Repair I MD101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3430	Diesel Engine Repair II MD102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3440	Diesel Engine Repair III MD201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3450	Diesel Engine Repair IV MD202	1.5	✓	✓	✓	✓	✓	
NURSING SERVICES (One Year)												
		✓	✓	WES4260	Nursing Services I NS101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4270	Nursing Services II NS102	1.5	✓	✓	✓	✓	✓	
PHARMACY SCIENCE (One Year)												
		✓	✓	WES3730	Pharmacy Technician I PT101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3740	Pharmacy Technician II PT102	1.5	✓	✓	✓	✓	✓	
PHYSICAL THERAPY (One Year)												
		✓	✓	WES3920	Physical Therapy Assistant I PHY101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3930	Physical Therapy Assistant II PHY102	1.5	✓	✓	✓	✓	✓	

# CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

**Located on West-MEC Campuses** (application required)

(Please contact school site counselor or [west-mec.edu](http://west-mec.edu) for more course information)

Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
POWERSPORTS TECHNOLOGY (Two Years)												
		✓	✓	WES4220	Powersports Foundations I PST101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4230	Powersports Foundations II PST102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4240	Powersports Technician I PST201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4250	Powersports Technician II PST202	1.5	✓	✓	✓	✓	✓	
PRECISION MACHINING (Two Years)												
		✓	✓	WES3200	Precision Machining I PM101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3210	Precision Machining II PM102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3220	Precision Machining III PM201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3230	Precision Machining IV PM202	1.5	✓	✓	✓	✓	✓	
VETERINARY SCIENCE (One Year)												
		✓	✓	WES4040	Veterinary Assisting I & II VS103A/B	2.75	✓	✓	✓	✓	✓	
		✓	✓	WES4050	Veterinary Assisting III VS104	2.75	✓	✓	✓	✓	✓	
VETERINARY SCIENCE (Two Years)												
		✓	✓	WES3460	Veterinary Assisting I VS101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3470	Veterinary Assisting II VS102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3480	Veterinary Assisting III VS201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3490	Veterinary Assisting IV VS202	1.5	✓	✓	✓	✓	✓	

## CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

**Located on West-MEC Campuses**(application required)

*(Please contact school site counselor or [west-mec.edu](http://west-mec.edu) for more course information)*

Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
WELDING TECHNOLOGY (Two Years)												
		✓	✓	WES3500	Welding Technologies I WLD101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3510	Welding Technologies II WLD102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3520	Welding Technologies III WLD201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3530	Welding Technologies IV WLD202	1.5	✓	✓	✓	✓	✓	

## CAREER AND TECHNICAL EDUCATION

### CTE is for ALL Students!

Career and Technical Education (CTE) programs educate students for many fast-growing, high-paying jobs in high-growth industries around the country. Today's CTE programs offer students classroom education, laboratory experiences, hands on skills, leadership skills, and work based learning experiences. The goal of Career and Technical Education is to provide a seamless transition from high school to postsecondary education. Dual enrollment college credit, certifications and internships are an integral part of CTE.

Each CTE Program offers the student a chance to participate in leadership skills through Career and Technical Student Organization (CTSO). The following CTOS are offered through the various programs:



**All AFUHS on site Career and Technical Education courses are full year courses for which a student will receive 1.0 credit upon successful completion of each two semester course (0.5 credit each semester).**

### Notice of Nondiscrimination

The Agua Fria Union High School District No. 216 does not discriminate on the basis of race, color, national origin, religion, sex, sexual orientation, gender identity, age or disability in its programs and activities and provides equal access to other designated youth groups. The lack of English language skills shall not be a barrier to admission or participation in the District's programs and activities. The Agua Fria Union High School District No. 216 does not discriminate in its hiring of 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. Please forward inquiries and requests for additional information regarding these laws to:

**Agua Fria Union High School District No. 216**  
**1481 N. Eliseo Felix Jr. Way**  
**Avondale, AZ 85323**

**Compliance Title IX:** Tamee Gressett, Director II of Student Services, 1481 N. Eliseo Felix Jr. Way, Avondale, AZ 85323; 623-932-7003

**Compliance Title II and IV:** Shelle Schlosser, Director of Federal Programs-Community Outreach, 1481 N. Eliseo Felix Jr. Way, Avondale, AZ 85323; 623-932-7029

**Compliance Section 504:** Patrick Becker, Director of Exceptional Student Services, 1481 N. Eliseo Felix Jr. Way, Avondale, AZ 85323; 623-932-7017

## AIR FORCE JUNIOR ROTC

GRADUATION REQUIREMENT: AIR FORCE JUNIOR ROTC COURSES MAY BE USED TO SATISFY THE DISTRICT'S GRADUATION REQUIREMENT FOR ELECTIVES AND CTE CREDIT. COURSES MAY NOT SATISFY ARIZONA BOARD OF REGENTS OR NCAA REQUIREMENTS. PLEASE SEE YOUR COUNSELOR REGARDING REQUIREMENTS FOR POST-SECONDARY PLANNING.

**Note:** Two credits of AFJROTC will meet Personal Development requirements. Health and Wellness is an official part of the Air Force Junior ROTC program. It is an exercise and health program focused upon individual baseline improvements with the goal of achieving a national standard as calculated by age and gender. Health and Wellness is instrumental in developing citizens of character. The course motivates cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives.

### **CTE2660 AIR FORCE JUNIOR ROTC I A/B**

A Journey into Aviation History, is a course designed to acquaint students with the historical development of flight and the role of the military in our Nation's wars and conflicts and composes approximately forty percent of the classroom instruction. Students must wear the USAF uniform once a week. The uniform is provided free of charge. Drill, Air Force customs and courtesies, proper care and respect for the U.S. flag, personal appearance, study habits, attitude, discipline, time management, drug and alcohol abuse prevention, and introduction to first aid. **Fee required.**

### **CTE2670 AIR FORCE JUNIOR ROTC II A/B**

The students will practice and improve their oral and written communication skills, understanding individual and group behavior, basic leadership concepts, goal setting, and formal and informal organizational structures. Uniform wear and drill is still a weekly course requirement. Prerequisite: AFJROTC I. **Fee required.**

### **CTE2680 AIR FORCE JUNIOR ROTC III A/B**

The students will learn about life skills and career-planning topics that include completing job/college applications, interviewing skills, resume writing, available opportunities in college, the civilian workplace, and the military, and the importance of citizenship responsibilities such as registering to vote, jury duty, and draft registration. The students will participate in weekly uniform wear and drill practice. Prerequisite: AFJROTC II. **Fee required.**

### **CTE2690 AIR FORCE JUNIOR ROTC IV A/B**

This hands-on class allows the senior students the opportunity to put their theories of leadership and management practice by leading the cadet corps. Students are responsible for planning, coordinating, communicating, and executing the corps activities for the year. Students may also learn about cultural studies, U.S. Government and Military structures, interaction, and policy-making. Students will wear the uniform once a week to include the Battle Dress Uniform. Prerequisite: AFJROTC III. **Fee required.**

## AGRISCIENCE PROGRAM & VETERINARY ASSISTING PROGRAM

- Explore agriculture, animal science, horticulture, soil conservation, and mechanics in a real-world agriculture lab
- Manage a greenhouse and create nutritional plans for plants, animals, and people
- Work with experts in the field of agriculture and take a leadership role by participating in exciting FFA activities
- Certifications available in this three course sequence program

### CTE2780      **AGRISCIENCE I A/B**

Students will have the opportunity to explore different career choices in the field of Agriscience while learning how to take a leadership role in the FFA organization. Students will learn the latest advances in plant & animal sciences, agricultural mechanics, renewable natural resources, and agricultural business. Agriscience I is the first level course in the Agriscience program. **Fee required.**

### CTE2790      **AGRISCIENCE II A/B**

This course provides students with an appreciation for living systems as they are applied to the science of food and fiber production, food processing and human health. Students develop competencies in plant growth production, animal growth production, biotechnology, and environmental sciences, among other subjects. Group dynamics and leadership skills through the FFA program are discussed and encouraged. This course can be used as a science lab credit in biology instead of a CTE credit. Prerequisite: Agriscience I. **Fee required.**

### CTE2800      **AGRISCIENCE III A/B**

This course is a hands-on laboratory and field-based course, which is interdisciplinary in nature. This course utilizes concepts and skills from life science, earth science and physical science. Students will learn the latest advances in plant and animal sciences, agricultural mechanics, renewable natural resources, and agriculture business. Students will have the opportunity to further develop their career plan in the field of Agriscience while learning to take a leadership role in the FFA organizations. Students will compete in a Supervised Ag Experience (Work Based Learning) plan of their choice as part of this class. Prerequisite: Agriscience II. **Fee required.**

### CTE2810      **AGRISCIENCE IV A/B**

The basics of business management are presented in this, the final course of the Agriscience Program. Topics covered are business management, commodities, accounting & taxes, entrepreneurship & profit maximizing principles, job interviewing & career searching. Students enrolled in this course will gain leadership experiences through the FFA. Prerequisite: Agriscience III. **Fee required.**

### CTE2860      **AGRISCIENCE INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Agriscience I, II & III, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work

attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

### **CTE3000 VETERINARY ASSISTING I A/B**

The Veterinary Assisting program prepares students, under the supervision of veterinarians, laboratory animal specialists, and zoological professionals, to provide patient management, care, and clinical procedures assistance. The Veterinary Assisting program includes instruction in animal nursing care, animal health and nutrition, animal handling, clinical pathology, radiology, anesthesiology, dental prophylaxis, surgical assisting, clinical laboratory procedures, office administration skills, patient and owner management, and applicable standards and regulations. Prerequisite: Agriscience I. **Fee required.**

## **SOFTWARE & APP DESIGN—PROGRAM**

- Design Video games, Apps, and Interactive Stories
- Program in advanced languages such as HTML, PMP, JavaScript, and C++
- Create and manage the entire web development process from idea to finished product
- Students enrolled in Software & App Design will have opportunities to develop leadership skills through participation in FBLA

### **CTE2990 SOFTWARE & APP DESIGN I A/B**

This course is designed to introduce students to the foundations of computer programming and coding. This course is the first course in the two Carnegie unit Software Development CTE Program. Students will be introduced to the fundamental concepts of programming, including Web Design, that can be applied across a variety of projects and languages. Computer Science is an essential step for implementing STEM practices into our schools and supporting the need for STEM fueled careers and college majors. The Arizona CTE Department has a math crosswalk which will support the math taught in Algebra I and II. Prerequisite: Algebra I **Fee Required.**

### **CTE2620 AP COMPUTER SCIENCE PRINCIPLES: SOFTWARE & APP DESIGN II A/B**

This course emphasizes the object-oriented programming methodology, especially problem solving and algorithm development, plus an overview of data structures and abstraction. Students will be able to design and implement computer-based solutions to problems in a variety of application areas, use and implement commonly-used algorithms and data structures. Prerequisite: Software & App Design I. This course may satisfy the 4th year math credit. **Fee Required.**

### **CTE2760 SOFTWARE & APP DESIGN INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of this career and college portfolio as the capstone project. Prerequisites: Software & App Design 1 and AP Computer Sciences Principles: Software & App Design II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the

competition of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## **BAKING AND PASTRY PROGRAM**

- Craft amazing and fun foods using flames, knives, and creative chemistry
- Express creativity as part of a team that designs menus, prepares meals, and organizes cater events to deliver unique dining experiences
- Develop, prepare, and cater meals with proper etiquette and safety for community events
- Students enrolled in the Baking and Pastry Program will have opportunities to develop leadership skills through participation in FCCLA
- Certifications available in this two course sequence program

### **CTE2830 BAKING AND PASTRY II A/B**

This course prepares students with advanced application in commercial baking equipment, organization and operations, sanitation, quality control, quantity baked goods production, and contemporary and classic pastry arts skills. Additionally, training is provided in business operations of a retail bakery establishment. Core academic knowledge is integrated into the curriculum as relevant to careers in the baking and pastry industry. Prerequisite: Baking and Pastry I. **Fee required.**

## **CONSTRUCTION PROGRAM**

- Work in all aspects of construction, including framing, roofing, plumbing, wiring, and finishing
- Use computer-aided design software to construct a wide range of projects
- Design and construct projects for use within the community
- This program is a planned sequence of instruction consisting of two one-credit courses
- Students enrolled in the Construction Program will have the opportunity to develop leadership skills through participation in SkillsUSA
- Certification available in this two course sequence program

### **CTE2240 CONSTRUCTION I A/B**

This course introduces the student to the construction industry. This is accomplished by exploring employment possibilities in the various skilled trades including but not limited to safety, tools, materials and training requirements. The student will build a project according to local, state, and federal guidelines. Students have the opportunity to earn the OSHA 10 General Construction card. SkillsUSA standards will be an integral part of this class. **Fee required.**

### **CTE2250 CONSTRUCTION II A/B**

This course prepares the individual to apply and demonstrate advanced technical knowledge and skills. This lab-based course will provide the students an opportunity to participate in the planning, design and completion of project based activities. This course prepares students for advanced technical skills using a variety of cabinetmaking techniques and equipment. Prerequisite: Construction I. **Fee required.**

## **CTE2260 CONSTRUCTION INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Construction I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## **CULINARY ARTS PROGRAM**

- Craft amazing and fun foods using flames, knives, and creative chemistry
- Express creativity as part of a team that designs menus, prepares meals, and organizes cater events to deliver unique dining experiences
- Develop, prepare, and cater meals with proper etiquette and safety for community events
- This program is a planned sequence of instruction consisting of two one-credit courses
- Students enrolled in the Culinary Arts Program will have opportunities to develop leadership skills through participation in FCCLA
- Certification available in this two course sequence program

## **CTE2200 CULINARY ARTS I A/B**

This course begins with the fundamentals and principles of the art of cooking and the science of baking. Emphasis is placed on safety, management, production skills and techniques in a professional kitchen setting. This course is a laboratory-based course. **Fee required.**

## **CTE2210 CULINARY ARTS II A/B**

This course is a continuation of the course, Culinary Arts, in providing a practicum in the professional kitchen industry. It provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with career experiences. Students can pursue a national sanitation certification, ServSafe Certification. Prerequisite: Culinary Arts I **Fee required.**

## **CTE2230 CULINARY ARTS INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Culinary Arts I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## **DIGITAL PHOTOGRAPHY PROGRAM**

- Create beautiful montages using professional cameras and a wide range of tools
- Design and photograph a professional level photo portfolio
- Create dynamic artistic prints using advanced editing and manipulation software
- Students enrolled in Digital Photography (CTE) will have opportunities to develop leadership skills through participation in SkillsUSA

## **CTE2540 DIGITAL PHOTOGRAPHY I (CTE)**

This dynamic CTE course instructs students in Visual Arts and prepares the students to use basic artistic techniques to effectively communicate ideas and information to business and consumer audiences via digital photography. Students will use digital cameras to capture images, computer software to edit images, and learn graphic arts work-flow practices in order to produce business and artistic photography. **Fee Required.**

## **CTE2740 DIGITAL PHOTOGRAPHY II (CTE)**

Students in Digital Photography II (CTE) will develop and expand their skills in producing both artistic and commercial photographs using digital DSLR cameras and equipment. Students will learn to take artistic digital photos following rules of composition, light, exposure, elements of art and principles of design. This enhances their ability to produce quality commercial work. Prerequisite: Digital Photography I. **Fee Required.**

## **CTE2770      DIGITAL PHOTOGRAPHY INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Digital Photography I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## **EARLY CHILDHOOD & EDUCATION PROFESSIONS PROGRAM**

- Create fun and educational activities for young children who are full of life and love learning
- Plan activities that enhance a child's intellectual, social, emotional, and physical development
- Design, research, and implement developmentally appropriate learning materials and experiences
- This program is a planned sequence of instruction consisting of two one-credit courses
- Students enrolled in the Education and Training Programs will have opportunities to develop leadership skills through participation in FCCLA
- Certification available in this two course sequence program

## **CTE2280      EARLY CHILDHOOD EDUCATION II A/B**

This course will further explore career opportunities in the field of Early Childhood. Students will have on-the-job training by planning, preparing and executing lessons. Prerequisite: Early Childhood Education I. **Fee required.**

## **CTE2290      EARLY CHILDHOOD EDUCATION INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Early Childhood Education I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet

with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

### **CTE3010 EDUCATION PROFESSIONS I A/B**

The Education Professions program is designed to prepare students for employment and/or postsecondary opportunities in the field of education. The program provides instruction in education career choices, education structure and systems, theories, history, pedagogy, developmental stages, learning styles and instructional methods. The Education Professions program also provides interactive experiences with students at different age levels in a variety of content areas in different educational environments. Education Professions is designed to articulate with the Introduction to Education courses at the community college level as well as paraprofessional preparation programs. In addition to technical skills, students completing this program will develop advanced critical thinking skills, enhanced academic skills, develop civic responsibility, and comprehend the stages of human development and their impact on learning in the classroom. **Fee required.**

## **ENGINEERING PROGRAM**

- Invent, design, and produce solutions for complex engineering challenges from concept to completion using Project Lead the Way
- Design and create prototypes using 3D printing technologies applying advanced STEM principles
- Build and program high-tech robots to follow your every instruction and showcase your work in competitions
- Students enrolled in the Engineering Program will have opportunities to develop leadership skills through participation in SkillsUSA
- This program is a planned sequence of instruction consisting of three one-credit courses

### **CTE2560 ENGINEERING I A/B**

Introduction to Engineering Design, you will learn how engineers apply a design process to solve real-world problems. You will work individually and as a member of collaborative teams to apply math, science, and a variety of engineering tools including: 3D modeling software (Autodesk Fusion 360), CNC Mill, Laser Engraver, Vex V5 parts, and other tools, to design, document, and communicate your engineering work. You will be working on a culminating year-long project to show the skills you have learned. Many of the transferable skills you practice in this course—such as communication, collaboration, ethical reasoning, and process thinking—can be applied through participation in a career technical student organization (CTSO) SkillsUSA. **Fee Required.**

### **CTE2570      ENGINEERING II A/B**

Principles of Engineering, you will explore a broad range of engineering topics, including mechanisms, materials, structures, automation, and motion using VEX V5 Robotics. You will work like an engineer to apply an engineering design process to solve challenging problems, document your solutions, and communicate your work. Many of the transferable skills you practice in this course—such as communication, collaboration, ethical reasoning, and process thinking—can be applied through participation in a career technical student organization (CTSO) SkillsUSA. **Fee Required.**

### **CTE2580      ENGINEERING III A/B**

Aerospace Engineering you will explore the fundamentals of air and space flight and orbital mechanics. You'll apply what you learned to design components of flight systems—including an airfoil, a propulsion system, a rocket—and model the orbit of the International Space Station. You will use a variety of software (AERY Gliders, Apogee Rockets, STK, NASA Engine simulator) and hardware (3D Printers, Laser Engraver, Stress Analyzer, Wind Tunnel) to prove your design work in the lab. You'll also investigate ways to use aerospace concepts in engineering design for other applications on a culminating year-long project to show the skills you have learned. Many of the transferable skills you practice in this course—such as communication, collaboration, ethical reasoning, and process thinking—can be applied through participation in a career technical student organization (CTSO) SkillsUSA.

### **CTE2590      ENGINEERING IV - HONORS ENGINEERING A/B**

In this capstone course, students will be working in teams, spending the semester solving problems of their own choosing. These teams apply principles developed in the previous engineering courses and are guided by a community mentor. Prerequisites: Engineering III and Algebra III or Pre-Calculus. **Fee required.**

### **CTE2400      ENGINEERING INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Engineering I, II & III, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## FILM AND TV PRODUCTION PROGRAM

- Create dynamic films, documents, documentaries, music videos, public service announcements, and animated shorts
- Showcase your artistic and creative talents using professional equipment and editing software
- Develop, produce, and deliver unique video and audio projects for film and TV from concept to completion
- Students enrolled in the Film and TV Program will have opportunities to develop leadership skills through participation in SkillsUSA or FBLA
- This program is a planned sequence of instruction consisting of two one-credit courses

### **CTE2490 FILM AND TV PRODUCTION I A/B**

Students will develop advanced techniques in digital video capturing, editing, multi-camera usage, lighting techniques, green-screen methods, basic news gathering, teleprompter management, microphone utilization, and pre/post-production work with an emphasis on teamwork and leadership as it relates to a video production set. These students will be responsible for the production of news packages, commercials, public service announcements and features for the school's daily/weekly video announcements, in conjunction with the students' location and studio projects. SkillsUSA or FBLA standards will be an integral part of this class. Prerequisite: None. **Fee required.**

### **CTE2500 FILM AND TV PRODUCTION II A/B**

This year-long course emphasizes being responsible for creating the daily/weekly shows utilizing the school's television production studio. This course will also further develop skills where students prepare for the capstone course in the program (Film/TV 3 and 4) and video related contest opportunities. Students will also develop advanced techniques in cinematography, editing, multi-camera usage, advanced lighting techniques, green-screen methods, special effects, basic news gathering, teleprompter usage, microphone utilization, and pre and post-production work with an emphasis on teamwork and leadership as it relates to a video production set and studio operations. Students will perform studio functions in the production of live or pre-recorded media. Prerequisite: Film and TV Production I. **Fee required.**

### **CTE2510 FILM AND TV PRODUCTION III A/B**

This year-long course emphasizes the specialization of specific areas of video and multimedia production as it relates to over-the-air, cable, and online broadcasting by forming production teams to produce the school's weekly show. This course will also further develop skills so students can participate in the Film/TV 4 Honors Course, Internship Program and video related contest opportunities. Students will further develop advanced techniques in cinematography, editing, special effects, multi-camera usage, lighting techniques, green-screen methods, news reporting, teleprompter usage, sound composition, producing/directing and pre/post-production work with an emphasis on teamwork and leadership as it relates to a video production and choosing a field specialty. Prerequisite: Film and TV Production II. **Fee Required.**

### **CTE2550 HONORS FILM AND TV PRODUCTION IV A/B**

This course will further develop skills so students can participate in the Internship Program and video related contest opportunities. Students will develop advanced techniques in cinematography, editing, special effects, multi-camera usage, lighting techniques, green-screen methods, sound composition, writing, story development, producing/directing and pre/post-production work with an emphasis on teamwork and leadership as it relates to a video production and choosing a field speciality.

This course requires some after-school work to meet deadlines as well as weekend filming commitments to cover events. This course gives students an opportunity to expand knowledge, experience and further develop their portfolios so that students are College and Career Ready upon graduation. Prerequisite: Film and TV Production III. **Fee required.**

### **CTE2520 FILM AND TV PRODUCTION INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom work that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Film & TV Production I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## GRAPHIC DESIGN PROGRAM

- Design and produce dynamic marketing projects through drawing, computer graphics, and digital photography
- Create compelling animations, logos, typography, and package design for effective visual communications
- Operate a successful student run printing and apparel business to service the community with a wide-range of products and services
- This program is a planned sequence of instruction consisting of two one-credit courses
- Students enrolled in the Graphic Design Program will have opportunities to develop leadership skills through participation in SkillsUSA or FBLA

### **CTE2440      GRAPHIC DESIGN I A/B**

This course will emphasize the skill of a computer artist. Advertising and marketing projects will be completed using various media while exploring the importance of working in stages from beginning ideas to finished designed work. SkillsUSA or FBLA standards will be an integral part of this class. **Fee required.**

### **CTE2450      GRAPHIC DESIGN II A/B**

Graphic Design II introduces students to graphic design as a form of visual communication through the use of advanced typography organization, refinement of elements and principles of design, and color and image manipulation. Projects explore design processes in two and three-dimension packaging design, visual identity and communication. Students will incorporate visual concepts, marketing and production solutions, and creative problem solving. Prerequisite: Graphic Design I. **Fee required.**

### **CTE2460      GRAPHIC DESIGN III A/B**

Graphic Design III requires the student to continue developing more concentrated graphic arts skills and implement 2-D and 3-D dimensional projects to broaden their graphic skills. Students will also understand the importance of strategy during the creative process while using design or creative briefs to solve visual and verbal communication problems. Students will add to their visual portfolios and prepare for a career in the graphic design industry. Students will become more aware of the connections between the visual communication art field and other related occupations. Prerequisite: Graphic Design II. **Fee required.**

## **CTE2480      GRAPHIC DESIGN INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Graphic Design I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## **LAW AND PUBLIC SAFETY/SECURITY PROGRAM**

- Explore operational command leadership of public organizations
- Work with experts in the field on incident response strategies utilizing state and local laws
- Practice the process of forensic science in crime scene investigations
- Students enrolled in the Law, Public Safety and Security Program will have opportunities to develop leadership skills through participation in SkillsUSA
- This program is a planned sequence of instruction consisting of two one-credit courses

## **CTE2410      LAW AND PUBLIC SAFETY/SECURITY I A/B**

This course is an overview of the history, organization and functions of local, state and federal law enforcement. This course includes the role of constitutional law, the United States legal system, the classification and elements of crime, criminal law and law enforcement terminology. SkillsUSA standards will be an integral part of this class. **Fee required.**

## **CTE2420      LAW AND PUBLIC SAFETY/SECURITY II A/B**

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment and courtroom testimony. Students may be able to obtain an entry level certification. SkillsUSA standards will be an integral part of this class. Prerequisite: Law and Public Safety I. **Fee required.**

### **CTE2430      LAW AND PUBLIC SAFETY/SECURITY INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Law and Public Safety I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## **LIVE ENTERTAINMENT PRODUCTION STAGECRAFT**

### **CTE2870      LIVE ENTERTAINMENT PRODUCTION STAGECRAFT I A/B**

Live Entertainment Production instructional program prepares students to participate in the technical and management areas of the performing arts and live entertainment industry. In addition, students will possess the foundation skills needed for postsecondary studies in technical theatre or arts management. Students develop interpersonal relations, career development skills and technical knowledge and skills associated with the performing arts and entertainment industry. Leadership skills are developed through the state recognized Arizona Thespians. Performing Arts and Entertainment Industry students will also have the opportunity to compete at the state level with the Arizona State Thespians. Cable rigging, lighting techniques, design and construction, costume, and audio production are areas of focus. After school production hours will be required. Dates and times vary. **Fee Required.**

### **CTE 2940      LIVE ENTERTAINMENT PRODUCTION STAGECRAFT II A/B**

The purpose of the Live Entertainment Production II instructional program continues to prepare students to participate in the technical and management areas of the performing arts and live entertainment industry. Students will be challenged with a higher level of rigor and responsibility. In addition, students will possess the foundation skills needed for postsecondary studies in technical theatre or arts management. Students develop interpersonal relations, career development skills and technical knowledge and skills associated with the performing arts and entertainment industry. Leadership skills are developed through the state recognized Arizona Thespians. Performing Arts and Entertainment Industry students will also have the opportunity to compete at the state level with the Arizona State Thespians. After school hours will be required to fulfill the requirements of this course. Dates and times vary. **Fee Required.**

## **CTE2950      LIVE ENTERTAINMENT PRODUCTION STAGECRAFT INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Live Entertainment Production Stagecraft I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## **MARKETING PROGRAM**

- Experience a wide range of dynamic business strategies to create, communicate, and deliver products and services to customers
- Design and implement powerful advertising and management plans to compete globally
- Create and present unique materials for unforgettable advertising, sales, and public relations campaigns
- This program is a planned sequence of instruction consisting of two one-credit courses
- Students enrolled in the Marketing Program will have opportunities to develop leadership skills through participation in DECA

## **CTE2110      MARKETING PRINCIPLES I A/B**

Marketing is offered to students who have an interest in learning about the fields of business, sales, marketing, merchandising, and management occupations. In the course, students will experience many different parts of the marketing process including advertising, sales, display, human relations, management, and communication. Dual credit may be obtained from the Maricopa Community College System for this program at high schools offering this option. **Fee required.**

## **CTE2120      MARKETING PRINCIPLES II A/B**

This course is offered to students who have an interest in gaining further experience in communications, sales presentations, entrepreneurship, management, business ethics, and interpersonal marketing skills. This course is focused on project-based learning providing the student real-world application. A student-run enterprise is a hands-on laboratory setting for the students to apply marketing concepts and will be utilized with the marketing class instruction. Dual credit may be obtained from the Maricopa Community College System. Prerequisite: Marketing Principles I. **Fee required.**

### **CTE2960      MARKETING PRINCIPLES III A/B (Sports and Entertainment Marketing)**

This course focus on marketing and management functions/tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, selling or renting of supplies and equipment (other than vehicles) used for recreational or sporting purposes, products and services related to hobbies or cultural events, or businesses primarily engaged in satisfying the desire to make productive or enjoyable use of leisure time. Students will apply skills to high school sports/events as part of the project based learning experiences. Prerequisite: Marketing Principles II. **Fee required.**

### **CTE2970      ETHICAL PRACTICES AND FINANCIAL PLANNING**

Students will explore the characteristics of an ethical professional. They will consider the range of dilemmas faced by managers and employees in the workplace and discover the qualities of influential leaders and the tools modern professionals use to instill an ethical workplace culture. Students learn the importance of financial planning in helping people reach their life goals, how to set personal financial goals and a budget, the ethical code of certified financial planners, time-and-money relationships, and tax reduction strategies. The course includes lessons on saving, borrowing, credit, and all types of insurance. It covers various types of investments, including income and growth investments. Throughout the course, students have opportunities to refine their personal sense of ethics as they begin to build an ethical and financial foundation for their professional future. Prerequisite: Marketing I and II (can take Marketing II at the same time). **Fee required.**

### **CTE2980      ENTREPRENEURSHIP PRACTICUM**

The Entrepreneurship Practicum provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor, or in collaboration with a local business partner. Upon completion of the practicum, proficient students will be prepared to further develop their business ideas into viable ventures, or continue their study at the postsecondary level. \*This course can also be used to promote student participation in a work-based learning (WBL) experience through an internship or other off-campus arrangement. Prerequisite: Marketing I, II & Ethical Practices and Financial Planning

### **CTE2130      MARKETING PRINCIPLES INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Marketing Principles I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## MEDICAL ASSISTING PROGRAM

- Prepare patients for X-rays, removing stitches, drawing blood, or changing dressings
- Practice taking patients' confidential personal information and vital signs
- Specialize in either medical administrative or clinical work
- This program is a planned sequence of instruction consisting of two one-credit courses
- Students enrolled in the Medical Assisting Program will have opportunities to develop leadership skills through participation in HOSA

### CTE2630 MEDICAL ASSISTING I A/B

The Medical Assisting Services program prepares students to participate in teams, solve problems, think critically and implement effective foundations, experiential learning, supervised occupational experience, leadership and personal development through the Career and Technical Student Organization known as HOSA (Health Occupations Students of America). This course will include extensive hands-on instruction, students will acquire skills to assist doctors in all phases of medicine and skills needed for medical and allied health careers. Affiliations with local community college programs can provide students with dual or concurrent credit that may be applied toward their postsecondary certificate or degree. Prerequisite: Biology. **Fee required.**

### CTE2640 MEDICAL ASSISTING II A/B

This course is designed to prepare students 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. Students will acquire skills to assist doctors in all phases of medicine and skills needed for medical and allied health careers. Students will learn vital signs, blood pressure, infection control, instrument and tray set ups, professional communication, law and ethics. Affiliations with local community college programs can provide students with dual or concurrent credit that may be applied toward the postsecondary certificate or degree. Prerequisite: Medical Assisting I. **Fee required.**

### CTE2720 MEDICAL ASSISTING INTERNSHIP A/B

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Medical Assisting I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA.

## SPORTS MEDICINE PROGRAM

- Apply detailed anatomical knowledge to recognize and evaluate injuries for competitive activities
- Design and implement treatment plans utilizing professional grade rehabilitation equipment
- Students enrolled in the Sports Medicine Program will have opportunities to develop leadership skills through participation in HOSA
- This program is a planned sequence of instruction consisting of two, one-credit courses
- Certifications available in this two course sequence program

### **CTE2070      SPORTS MEDICINE I A/B**

This course is designed for students interested in the field of sports medicine. Students will study the basic concepts of evaluation, treatment, and prevention of common sports related injuries and conditions. Basic anatomy including the musculoskeletal, nervous, circulatory and respiratory system is also emphasized throughout the course. History, philosophy, and career opportunities, ethical and legal considerations, and the organization of administration of Sports Medicine programs will also be addressed. Students will also gain hands-on experience through various lab activities including emergency procedures, tissue healing, taping and bracing procedures, and special testing of specific anatomical structures. Students will earn their CPR/First Aid Card in Sports Medicine I. HOSA standards will be an integral part of this class. Dual credit may be obtained from the Maricopa Community College System for this program at high schools offering this option. **Fee required.**

### **CTE2080      SPORTS MEDICINE II A/B**

This course is designed to provide a well-rounded and challenging academic experience in the field of sports medicine, rehabilitation, and other related medical fields. The focus expands upon anatomy and physiology, therapeutic modalities and exercises for injury rehabilitation and the hands-on application of rehabilitation principles. Students have the opportunity to earn the OSHA 10 Healthcare card. Dual credit may be obtained from the Maricopa Community College System for this program at high schools offering this option. Prerequisite: Sports Medicine I. **Fee required.**

### **CTE2650      PHYSICAL THERAPY A/B**

This course covers the specific and applied use of exercise in prevention of injury, improvement of performance, and recovery from disability and dysfunction. Included are the specific exercise routines, kinesiological principles, history and scope of rehabilitation exercise, abnormal clinical kinesiology, examination procedures, and reconditioning of specific disorders. Prerequisite: Sports Medicine II. **Fee required.**

### **CTE2090      SPORTS MEDICINE INTERNSHIP A/B**

CTE Internship is a capstone class which combines a paid or non-paid structured work experience with classroom instruction that applies previously developed CTE knowledge and skills. Resume writing, mock interviews, and workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Sports Medicine I & II, and submit an Application.

This course is for any senior who is **on track** for graduation. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the CTE Internship Coordinator on required dates during the school year - (Three weeks at the beginning of the school year; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component

with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a letter grade and it will be calculated into their GPA

**ALL WestMEC courses require a program fee payable upon WestMEC registration.**

## GENERAL STUDIES

### PROGRAMS AT A GLANCE

Listed in alpha order

A - Agua Fria	C - Canyon View	D - Desert Edge	M - Millennium	V - Verrado
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ADVANCED PLACEMENT (AP) CAPSTONE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
	✓	✓	✓	APC1000	AP Capstone Course I: AP Seminar A/B	0.5/0.5	Concurrently enrolled in an AP Course					✓	52
		✓	✓	APC1010	AP Capstone Course II: AP Research A/B	0.5/0.5	AP Capstone Course I: AP Seminar					✓	52

ENGLISH PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	ENG6000	English IA/English IB	0.5/0.5		✓	✓	✓	✓	✓	53
✓	✓	✓	✓	ENG6010	Hon. English I A/B	0.5/0.5		✓	✓	✓	✓	✓	53
	✓	✓	✓	ENG6020	English II A/B	0.5/0.5		✓	✓	✓	✓	✓	53
	✓	✓	✓	ENG6030	Hon. English II A/B	0.5/0.5		✓	✓	✓	✓	✓	53
		✓	✓	ENG6040	English III A/B	0.5/0.5		✓	✓	✓	✓	✓	54
			✓	ENG6060	English IV A/B	0.5/0.5		✓	✓	✓	✓	✓	54
		✓	✓	ENG6050	AP English Language & Comp. A/B	0.5/0.5		✓	✓	✓	✓	✓	54
			✓	ENG6070	AP English Literature & Comp. A/B	0.5/0.5		✓	✓	✓	✓	✓	54
		✓	✓	ENG6080	IB English 1 A/B	0.5/0.5					✓		54
			✓	ENG6390	IB English 2 A/B	0.5/0.5	IB English 1				✓		55
✓	✓	✓	✓	ENG6300	English Foundations A/B	0.5/0.5		✓	✓	✓	✓	✓	55
✓	✓	✓	✓	ENG6310	English Intermediate Foundations A/B	0.5/0.5		✓	✓	✓	✓	✓	55
✓	✓	✓	✓	ENG6110	Creative Writing	0.5		✓	✓	✓	✓	✓	55

		✓	✓	ENG6130	Film & Media Studies I	0.5					✓	✓	55
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ENGLISH LANGUAGE ACQUISITION PROGRAM													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓				ENG6210	English I A/B SEI Basic Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	56
✓				ENG6250	English I A/B SEI Intermediate Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	56
	✓			ENG6220	English II A/B SEI Basic Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	56
	✓			ENG6260	English II A/B SEI Intermediate Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	56
		✓		ENG6230	English III A/B SEI Basic Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	56
		✓		ENG6270	English III A/B SEI Intermediate Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	56
			✓	ENG6240	English IV A/B SEI Basic Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	56
			✓	ENG6280	English IV A/B SEI Intermediate Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	57
✓	✓	✓	✓	ENG6400	SEI Reading/Speaking A/B	0.5/0.5		✓	✓	✓	✓	✓	57
	✓	✓	✓	SOC8340	SEI US History A/B	0.5/0.5		✓		✓	✓	✓	

EXCEPTIONAL STUDENT SERVICES AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓		Life Skills Program		IEP Placement	✓	✓	✓	✓	✓	58
✓	✓	✓	✓		Functional Skills Program		IEP Placement		✓				58
✓	✓	✓	✓		CALM		IEP Placement			✓			58
✓	✓	✓	✓		SAILS Program		IEP Placement	✓			✓		58
✓	✓	✓	✓		STRIDE Program Accelerated		IEP Placement					✓	58
✓	✓	✓	✓	IDP0397	Academics English A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	58

✓	✓	✓	✓	IDP0407	Academics Math A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	58
✓	✓	✓	✓	IDP0417	Academics Science A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0427	Academics Social Science A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0207	SUCCESS Seminar A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0437	SUCCESS Seminar English A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0447	SUCCESS Seminar Math A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0457	SUCCESS Seminar Science A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0467	SUCCESS Seminar Social History A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0157	Adult Survival A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓		60
			✓	IDP0377	Moving Forward Program	0.5/0.5	IEP Placement	✓		✓	✓	✓	60
✓	✓	✓	✓	ENG6007	English IA/English IB	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
	✓	✓	✓	ENG6027	English IIA/English IIB	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
		✓	✓	ENG6047	English III A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
		✓	✓	ENG6067	English IV A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
✓	✓	✓	✓	MAT4217	Pre-Algebra A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓		61
✓	✓	✓	✓	MAT4017	Algebra IA/Algebra IB	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
✓	✓	✓	✓	MAT4037	Geometry A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
✓	✓	✓	✓	MAT4057	Algebra IIA/Algebra IIB	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
✓	✓	✓	✓	SCI7037	Biology A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
✓	✓	✓	✓	SOC8017	World History A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
	✓	✓	✓	SOC8037	American/AZ History A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
		✓	✓	SOC8227	Government	0.5	IEP Placement	✓	✓	✓	✓	✓	61
		✓	✓	SOC8237	Economics	0.5	IEP Placement	✓	✓	✓	✓	✓	62
✓	✓	✓	✓	IDP0187	Vocational Orientation A/B	0.5	IEP Placement	✓	✓	✓	✓	✓	62
✓	✓	✓	✓	IDP0327	Transition to Work Program	0.5	IEP Placement	✓		✓	✓	✓	62
✓	✓	✓	✓	IDP0367	Instructional Program		IEP Placement	✓	✓	✓	✓	✓	62

## FINE ARTS PROGRAMS AT A GLANCE

Grade				Course #	Name of Course	Cred it	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
DIVISION OF VISUAL ARTS													
✓	✓	✓	✓	FIN5470	Fundamentals of Art A/B	0.5/0.5		✓	✓	✓	✓	✓	63
	✓	✓	✓	FIN5010	AP Art History A/B	0.5/0.5		✓		✓	✓		63
	✓	✓	✓	FIN5480	Sculpture and Ceramics I A/B	0.5/0.5	Fundamentals of Art	✓	✓	✓	✓	✓	63
	✓	✓	✓	FIN5500	Sculpture and Ceramics II A/B	0.5/0.5	Sculpture and Ceramics I	✓	✓	✓	✓	✓	63
		✓	✓	FIN5750	3D Creative Studies A/B	0.5/0.5	Fundamentals of Art and Sculpture and Ceramics II	✓	✓	✓	✓	✓	63
	✓	✓	✓	FIN5510	Drawing and Painting I A/B	0.5/0.5	Fundamentals of Art	✓	✓	✓	✓	✓	64
	✓	✓	✓	FIN5520	Drawing and Painting II A/B	0.5/0.5	Drawing and Painting I	✓	✓	✓	✓	✓	64
	✓	✓	✓	FIN5060	2D AP Art Studio A/B	0.5/0.5	Drawing & Painting I or Instructor Approval	✓	✓	✓	✓	✓	64
	✓	✓	✓	FIN5760	3D AP Art Studio A/B	0.5/0.5	Sculpture-Ceramics I or Instructor Approval	✓	✓	✓	✓	✓	64
		✓	✓	FIN5530	2D Creative Studies A/B	0.5/0.5	Drawing & Painting II or Instructor Approval	✓	✓	✓	✓	✓	64
		✓	✓	FIN5540	Photography I A/B	0.5/0.5		✓					64
		✓	✓	FIN5550	Photography II A/B	0.5/0.5	Photography I	✓					65
		✓	✓	FIN5560	Photography III A/B	0.5/0.5	Photography I & II	✓					65
		✓	✓	FIN5570	Photography IV A/B	0.5/0.5	Photograph I, II & III	✓					65
		✓	✓	FIN5120	IB Visual Arts I A/B	0.5/0.5					✓		65
		✓	✓	FIN5460	IB Visual Arts II A/B	0.5/0.5					✓		65
✓	✓	✓	✓	FIN5770	Unified Visual Arts A/B	0.5/0.5	Mentors must have taken Fundamentals of Art	✓	✓	✓	✓	✓	65

## DIVISION OF PERFORMING ARTS

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	FIN5580	Guitar I A/B	0.5/0.5		✓	✓		✓	✓	66

	✓	✓	✓	FIN5590	Guitar II A/B	0.5/0.5	Guitar I or Director Audition	✓	✓		✓		66
✓	✓	✓	✓	FIN5600	Marching Band/Concert A/B	0.5/0.5		✓	✓	✓	✓	✓	66
✓	✓	✓	✓	FIN5780	Marching Band/Symphonic A/B	0.5/0.5	Director Approval and/or Audition	✓	✓	✓	✓	✓	66
✓	✓	✓	✓	FIN5790	Marching Band/Percussion & ColorGuard A/B	0.5/0.5	Director Approval and/or Audition	✓	✓	✓	✓	✓	66
✓	✓	✓	✓	FIN5800	Marching Band/Jazz Ensemble A/B	0.5/0.5	Director Approval and/or Audition	✓	✓	✓	✓	✓	67
✓	✓	✓	✓	FIN5610	Piano I A/B	0.5/0.5		✓			✓		67
	✓	✓	✓	FIN5810	Piano II A/B	0.5/0.5	Piano I	✓			✓		67
✓	✓	✓	✓	FIN5620	Beginning Choir A/B	0.5/0.5		✓	✓	✓	✓	✓	67
✓	✓	✓	✓	FIN5630	Concert Choir A/B	0.5/0.5	Audition or Instructor Approval	✓	✓	✓	✓		67
✓	✓	✓	✓	FIN5640	Music Theory A/B	0.5/0.5	Music Performance Course or Instructor Approval	✓	✓		✓		67
	✓	✓	✓	FIN5820	Chamber Choir A/B	0.5/0.5	Audition/Director Placement Approval	✓		✓	✓	✓	67
✓	✓	✓	✓	FIN5830	Treble Choir A/B	0.5/0.5	Director Discretion	✓	✓	✓	✓		68
✓	✓	✓	✓	FIN5650	Show Choir A/B	0.5/0.5	Audition or Instructor Approval	✓	✓	✓	✓	✓	68
✓	✓	✓	✓	FIN5840	Tenor/Bass Choir A/B	0.5/0.5	Director Discretion	✓		✓	✓		68
✓	✓	✓	✓	FIN5850	Orchestra A/B	0.5/0.5	Audition or Instructor Approval			✓	✓		68
✓	✓	✓	✓	FIN5660	Principles of Theatre A/B	0.5/0.5		✓	✓	✓	✓	✓	68
	✓	✓	✓	FIN5670	Advanced Principles of Theatre A/B	0.5/0.5	Principles of Theatre	✓	✓	✓	✓	✓	68
	✓	✓	✓	FIN5680	Performance Theatre A/B	0.5/0.5	Principles of Theatre and Audition/Instructor Approval	✓	✓	✓	✓	✓	68
		✓	✓	FIN5280	IB Film I A/B	0.5/0.5					✓		69
			✓	FIN5450	IB Film II A/B	0.5/0.5	IB Film I				✓		69
✓	✓	✓	✓	FIN5700	Dance I A/B	0.5/0.5		✓	✓	✓	✓	✓	69
✓	✓	✓	✓	FIN5710	Dance II A/B	0.5/0.5	Dance I or Instructor Approval	✓	✓	✓	✓	✓	69
	✓	✓	✓	FIN5720	Dance III A/B	0.5/0.5	Instructor Approval	✓	✓	✓	✓	✓	69
	✓	✓	✓	FIN5730	Performance Dance A/B	0.5/0.5	Audition	✓	✓	✓	✓	✓	69

INTER-DEPARTMENTAL PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	IDP0020	Digital Communications & Media I	0.5		✓		✓	✓	✓	70
✓	✓	✓	✓	IDP0030	Digital Communications & Media II	0.5	Digital Communications & Media I	✓		✓	✓	✓	70
	✓	✓	✓	IDP0040	Digital Communications & Media III	0.5	Digital Communications & Media II	✓		✓	✓	✓	70
✓	✓	✓	✓	IDP0050	Speech and Debate I	0.5		✓		✓	✓	✓	70
✓	✓	✓	✓	IDP0060	Speech and Debate II	0.5	Speech and Debate I	✓		✓	✓	✓	70
✓	✓	✓	✓	IDP0080	Student Leadership	0.5	Application Process	✓	✓	✓	✓	✓	70
		✓	✓	IDP0090	Publications I A/B	0.5/0.5		✓	✓	✓	✓	✓	70
		✓	✓	IDP0100	Publications II A/B	0.5/0.5	Publications I	✓	✓	✓	✓	✓	70
		✓	✓	IDP0110	IB Theory of Knowledge A/B	0.5					✓		70
		✓	✓	IDP0350	IB Business Management A/B	0.5/0.5	Marketing Principles I				✓		71
	✓	✓	✓	IDP0510	Mythology I	.5	English I	✓					71
	✓	✓	✓		Mythology II	.5	Mythology I	✓					71
✓	✓	✓	✓	IDP0120	Street Law	0.5					✓	✓	71
	✓	✓	✓	IDP0330	Sports Psychology	0.5					✓		71
✓	✓	✓	✓	IDP0300	Introduction to Science, Technology, Engineer and Mathematics (STEM)	0.5		✓			✓		71
✓				IDP0550	Freshman Experience A/B	0.5/0.5		✓	✓	✓	✓	✓	
			✓	IDP0340	Professional Internship A/B	0.5/0.5		✓	✓	✓	✓	✓	72
			✓	IDP0170	Work Based Learning	0.5 per 65 verified hours with max of 2.0 credits total (by application only - outside regular school day - no early release) and additional requirements.		✓	✓	✓	✓	✓	72

INTERNATIONAL LANGUAGES PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	LAN9060	French I A/B	0.5/0.5					✓	✓	73
✓	✓	✓	✓	LAN9070	French II A/B	0.5/0.5	French I A/B				✓	✓	73
	✓	✓	✓	LAN9080	Honors French III A/B	0.5/0.5	French II A/B				✓	✓	73
		✓	✓	LAN9090	AP French Language & Comp. A/B	0.5/0.5	Honors French III A/B				✓		73
✓	✓	✓	✓	LAN9110	German I A/B	0.5/0.5							73
	✓	✓	✓	LAN9120	German II A/B	0.5/0.5	German I A/B						73
	✓	✓	✓	LAN9130	Honors German III A/B	0.5/0.5	German II A/B						73
✓	✓	✓	✓	LAN9240	IB Language A/Literature SSST	0.5/0.5					✓		73
✓	✓	✓	✓	LAN9140	Latin I A/B	0.5/0.5						✓	74
	✓	✓	✓	LAN9150	Latin II A/B	0.5/0.5	Latin I A/B					✓	74
		✓	✓	LAN9180	Latin III A/B	0.5/0.5	Latin I A/B & II A/B					✓	74
✓	✓	✓	✓	LAN9000	Spanish I A/B	0.5/0.5		✓	✓	✓	✓	✓	74
✓	✓	✓	✓	LAN9010	Spanish II A/B	0.5/0.5	Spanish I A/B or placement test	✓	✓	✓	✓	✓	74
✓	✓	✓	✓	LAN9250	Honors Spanish II A/B	0.5/0.5	Spanish I or placement	✓	✓	✓	✓	✓	74
✓	✓	✓	✓	LAN9020	Honors Spanish III A/B	0.5/0.5	Spanish II A/B or placement test	✓	✓	✓	✓	✓	74
		✓	✓	LAN9030	AP Spanish Language & Comp. A/B	0.5/0.5	Honors Spanish III A/B	✓	✓	✓	✓	✓	74
		✓	✓	LAN9040	IB Spanish Ab Initio 1 A/B	0.5/0.5					✓		74
			✓	LAN9230	IB Spanish Ab Initio 2 A/B	0.5/0.5	IB Spanish Ab Initio 1				✓		75
		✓	✓	LAN9050	IB Spanish B 1 A/B	0.5/0.5	Spanish II A/B or higher				✓		75
			✓	LAN9220	IB Spanish B 2 A/B	0.5/0.5	IB Spanish B 1				✓		75

# MATHEMATICS PROGRAM AT A GLANCE

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	MAT4000	Algebra Extension A/B	0.5/0.5		✓	✓	✓	✓	✓	76
✓	✓	✓	✓	MAT4010	Algebra I A/B	0.5/0.5		✓	✓	✓	✓	✓	76
✓	✓			MAT4020	Hon Algebra I A/B	0.5/0.5		✓	✓	✓	✓	✓	76
✓	✓	✓	✓	MAT4030	Geometry A/B	0.5/0.5		✓	✓	✓	✓	✓	76
✓	✓	✓	✓	MAT4040	Hon. Geometry A/B	0.5/0.5		✓	✓	✓	✓	✓	76
✓	✓	✓	✓	MAT4050	Algebra II A/B	0.5/0.5	Algebra IA/1B or Hon. Alg. I A/B or Geometry A/B (Geometry can also be corequisite)	✓	✓	✓	✓	✓	76
✓	✓	✓	✓	MAT4060	Hon. Algebra II A/B	0.5/0.5	Algebra IA/IB or Hon. Alg. I A/B or Geometry A/B (Geometry can be corequisite)	✓	✓	✓	✓	✓	77
		✓	✓	MAT4230	Algebra III A/B	0.5/0.5	Geometry, Algebra II	✓	✓	✓	✓	✓	77
		✓	✓	MAT4070/ MAT4110	Accelerated Algebra II A/B - double blocked for full school year with Accelerated Pre-Calculus A/B - courses taken simultaneously	0.5/0.5 0.5/0.5	Geometry or Honors Geometry	✓	✓	✓	✓		77
		✓	✓	MAT4100	Honors Pre-Calculus A/B	0.5/0.5	Algebra II A/B	✓	✓	✓	✓		77
		✓	✓	MAT4360	AP Pre-Calculus A/B	0.5/0.5	Algebra II	✓	✓	✓	✓	✓	77
	✓	✓	✓	MAT4120	AP Calculus A/B	0.5/0.5	Pre-Calculus or higher	✓	✓	✓	✓	✓	78
	✓	✓	✓	MAT4130	AP Calculus BC (one semester)	0.5	AP Calculus AB	✓	✓	✓	✓	✓	78
		✓	✓	MAT4140	AP Calculus AB/BC A/B	0.5/0.5	AP, Honors, or Accelerated Pre-Cal.	✓		✓	✓	✓	78
	✓	✓	✓	MAT4150	Honors Calculus III (one sem.)	0.5	Calculus BC	✓		✓	✓	✓	78
		✓	✓	MAT4160	AP Statistics A/B	0.5/0.5	Algebra II/Geometry A/B	✓	✓	✓	✓	✓	78
		✓	✓	MAT4170	IB Math Applications 1 A/B	0.5/0.5	Honors A lgebra II A/B				✓		78
			✓	MAT4320	IB Math Applications 2 A/B	0.5/0.5	IB Math Applications 1, IB Math Analysis 1, or AP Calculus A/B				✓		78
		✓	✓	MAT4240	IB Math Analysis 1A/B	0.5/0.5	Honors Algebra II A/B				✓		78
		✓	✓	MAT4330	IB Math Analysis 2 A/B	0.5/0.5	IB Math Analysis 1, AP Calculus A/B				✓		79

			✓	MAT4200	Financial Literacy A/B	0.5/0.5	May be concurrently enrolled with Alg II	✓	✓	✓	✓	✓	79
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PHYSICAL EDUCATION PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	PHY0650	Physical Education A/B	0.5/0.5		✓	✓	✓	✓	✓	80
	✓	✓	✓	PHY0520	Lifetime Fitness	0.5		✓		✓	✓	✓	80
	✓	✓	✓	PHY0530	Sport and Physical Fitness	0.5		✓		✓	✓	✓	80
✓	✓	✓	✓	PHY0540	Adaptive Physical Education A/B	0.5/0.5	Physician's recommendation or IEP	✓	✓	✓	✓		80
	✓	✓	✓	PHY0590	Advanced Physical Ed	0.5		✓		✓		✓	80
✓	✓	✓	✓	PHY0600	Strength and Conditioning	0.5		✓	✓	✓	✓	✓	80
✓	✓	✓	✓	PHY0610	Unified Sports PE	0.5		✓		✓	✓	✓	81

SCIENCE PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
		✓	✓	SCI7000	Environmental Science A/B	0.5/0.5		✓	✓	✓	✓	✓	82
	✓	✓	✓	SCI7170	AP Environmental Science A/B	0.5/0.5	Biology/Int. Science/Principles of Science	✓		✓	✓	✓	82
✓	✓	✓	✓	SCI7030	Biology A/B	0.5/0.5		✓	✓	✓	✓	✓	82
✓	✓	✓	✓	SCI7040	Honors Biology A/B	0.5/0.5		✓	✓	✓	✓	✓	82
	✓	✓	✓	SCI7050	AP Biology A/B	0.5/0.5	Biology/Int. Science/Principles of Science	✓	✓	✓	✓	✓	82
	✓	✓	✓	SCI7060	Earth & Space Science A/B	0.5/0.5		✓		✓	✓	✓	82
		✓	✓	SCI7070	Forensic Science A/B	0.5/0.5	Biology/Int. Science/Principles of Science	✓			✓	✓	83
	✓	✓	✓	SCI7080	Chemistry A/B	0.5/0.5	Alg. I, Biology/Int. Science/Principles of Science	✓	✓	✓	✓	✓	83

	✓	✓	✓	SCI7090	Honors Chemistry A/B	0.5/0.5	Alg. I, Biology/Int. Science/ Principles of Science	✓	✓	✓	✓	✓	83
		✓	✓	SCI7100	AP Chemistry A/B	0.5/0.5	Chemistry or Hon. Chemistry	✓	✓	✓	✓	✓	83
	✓	✓	✓	SCI7110	Conceptual Physics A/B	0.5/0.5	Algebra I A/B	✓	✓	✓	✓	✓	83
	✓	✓	✓	SCI7120	Honors Physics A/B	0.5/0.5	Algebra II, Geometry A/B	✓		✓	✓		83
		✓	✓	SCI7130	AP Physics C: Mechanics A/B	0.5/0.5	Pre-Calculus			✓	✓		83
		✓	✓	SCI7140	AP Physics C: Electricity & Magnetism A/B	0.5/0.5	AP Physics C: Mechanics, Calculus I A/B				✓		83
	✓	✓	✓	SCI7150	Honors Anatomy & Physiology A/B	0.5/0.5	Biology/Int. Science/Principles of Science	✓	✓	✓	✓	✓	84
		✓	✓	SCI7260	IB Biology A/B	0.5/0.5	Honors Biology and Honors Chemistry				✓		84
		✓	✓	SCI7190	IB Physics 1 A/B	0.5/0.5	Concurrently enrolled in Honors Pre-Calculus				✓		84
			✓	SCI7370	IB Physics 2 A/B		IB Physics 1				✓		84
		✓	✓	SCI7200	IB Chemistry 1 A/B	0.5/0.5	Honors Biology and Honors Chemistry				✓		84
			✓	SCI7380	IB Chemistry 2 A/B	0.5/0.5	IB Chemistry 1				✓		84
		✓	✓	SCI7220	IB Sports, Exercise and Health Science SL A/B	0.5/0.5	Honors Anatomy & Physiology, Sports Medicine I, Instructor approval				✓		84
	✓	✓	✓	SCI7330	AP Physics I: Algebra Based A/B	0.5/0.5	Concurrently enrolled in Alg. II		✓	✓		✓	85
	✓	✓	✓	SCI7340	AP Physics II: Algebra Based A/B	0.5/0.5	Concurrently enrolled in Alg. II		✓	✓		✓	85
✓				SCI7350	Principles of Science A/B	0.5/0.5					✓		85
✓				SCI7360	Honors Principles of Science A/B	0.5/0.5					✓		85
	✓	✓	✓	SCI7250	Physical Science A/B	0.5/0.5					✓		85

SOCIAL SCIENCE PROGRAMS AT A GLANCE														
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page	
9	10	11	12					A	C	D	M	V		
	✓	✓	✓	SOC8010	World History A/B	0.5/0.5		✓	✓	✓	✓	✓	86	
	✓	✓	✓	SOC8020	AP World History A/B	0.5/0.5		✓	✓	✓	✓	✓	86	
		✓	✓	SOC8030	America/Arizona History A/B	0.5/0.5		✓	✓	✓	✓	✓	86	
		✓	✓	SOC8040	AP U.S. History A/B	0.5/0.5		✓	✓	✓	✓	✓	86	
			✓	SOC8050	AM/AZ Government/Free Enterprise A/B	0.5/0.5		✓	✓	✓	✓	✓	86	
			✓	SOC8060	AP Government & Politics/Free Enterprise A/B	0.5/0.5		✓	✓	✓	✓	✓	86	
	✓	✓	✓	SOC8070	Psychology	0.5		✓	✓	✓	✓	✓	87	
	✓	✓	✓	SOC8130	AP Psychology A/B	0.5/0.5		✓	✓	✓	✓	✓	87	
	✓	✓	✓	SOC8080	Sociology	0.5				✓	✓	✓	87	
	✓	✓	✓	SOC8090	Germany and the Soviet Union	0.5					✓		87	
✓	✓	✓	✓	SOC8100	World Religions	0.5		✓		✓	✓	✓	87	
		✓	✓	SOC8110	IB History 1 A/B	0.5/0.5					✓		87	
			✓	SOC8250	IB History 2 A/B	0.5/0.5	IB History 1				✓		87	
		✓	✓	SOC8120	IB Psychology 1 A/B	0.5/0.5					✓		87	
			✓	SOC8260	IB Psychology 2 A/B	0.5/0.5	IB Psychology 1				✓		88	
✓	✓	✓	✓	SOC8000	AP Human Geography A/B	0.5/0.5		✓			✓	✓	88	
		✓	✓	SOC8240	AP Macroeconomics A/B	0.5/0.5							88	

## **PROGRAM OF STUDIES**

### **ADVANCED PLACEMENT (AP) CAPSTONE**

#### **APC1000      AP CAPSTONE COURSE: AP SEMINAR**

This course is the first of the AP Capstone courses. AP Seminar is a year-long course that has students investigate real-world issues from multiple perspectives. Students will learn to synthesize information from different sources, develop their own lines of reasoning in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team.

Prerequisites: **The student must be concurrently enrolled in an AP Course.** Fee required. Grades 10, 11, 12

#### **APC1010      AP CAPSTONE COURSE II: AP RESEARCH**

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 a research question. Students will 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. Students will explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. Prerequisites: AP Capstone Course: AP Seminar. Fee required. Grades 11, 12

## ENGLISH

**GRADUATION REQUIREMENT:** THE DISTRICT'S GRADUATION REQUIREMENT IN ENGLISH IS FOUR CREDITS. An asterisk \* indicates that there is an online version of this course available. Online course numbers/descriptions are in the ONLINE section of this course description book.

### **ENG6000      ENGLISH I A/B**

English I A/B is a year-long course that provides an introduction to the more complex concepts required of the high school student. Based on the Arizona College Career Ready Standards, this course provides students with the skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft and structure, and the integration of knowledge and ideas in literature and informational text. Students will develop their writing skills by examining text types and purposes and by writing arguments, explanatory/informational texts, and narratives. This course will advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use. Students will receive 1.0 credit in English upon completion of this two semester course (0.5 credit each semester).

### **ENG6010      HONORS ENGLISH I A/B**

Honors English IA/Honors English IB is a year-long rigorous course that provides an introduction into pre-AP skills. There is a strong instructional emphasis placed on literature, advanced grammatical principles, vocabulary, and complex modes of writing. Based on the Arizona College Career Ready Standards, students will develop their writing skills by examining text types and purposes and by writing arguments, explanatory/informational texts, and narratives. Students are asked to apply, analyze, and synthesize the information presented in class in original and innovative ways. Students will leave the course with a deeper understanding of the impact that writing and literature has on the world around them. Due to the rigorous structure of this class, students will be expected to complete regular essay and supplementary reading assignments outside of class. Students will receive 1.0 credit in Honors English upon completion of this two semester course (0.5 credit each semester).

### **ENG6020      ENGLISH II A/B**

The program of English instruction introduced in the freshman year continues in this year-long class, as students explore different genres of literature. Based on the Arizona Language Arts Standards, this course provides students with the skills and knowledge to become advanced critical readers and writers by analyzing multiple themes, interpretations, and details, craft and structure and the integration of knowledge and ideas in literature and informational text. Reinforcing and expanding the writing objectives of the freshman year, this course will develop the student's writing skills by examining text types and purposes and by writing arguments to support claims in an analysis of substantive topics or texts. Students will write explanatory/informational texts to examine and convey complex ideas, and will write narratives to develop real or imagined experiences or events. Students will use research methods to participate in a range of collaborative discussions and presentations, integrating multiple sources of information. This course will further advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use. Students will receive 1.0 credit in English upon completion of this two semester course (0.5 credit each semester).

### **ENG6030      HONORS ENGLISH II A/B**

Honors English IIA/Honors English IIB is a year-long rigorous course that builds upon knowledge introduced in English I or Honors English I, as well as prepares students for Advanced Placement programs based on the Arizona Language Arts Standards. This course provides students with the skills and knowledge to become advanced critical readers and writers by analyzing multiple themes, interpretations, and details, craft and structure, and the integration of knowledge and ideas in literature and informational text. Students are asked to apply, analyze, and synthesize the information presented in class in original and innovative ways. Students will also write explanatory/informational texts to examine and convey complex ideas and narratives to develop real or imagined experiences or events. In addition, students will use research methods to participate in a range of collaborative discussions and presentations, integrating multiple sources of information. Due to the rigorous structure of this class, students will be expected to complete regular essay and supplementary reading assignments outside of class. Students will receive 1.0 credit in English upon completion of this two semester course (0.5 credit each semester).

**ENG6040      ENGLISH III A/B**

Students enrolled in English III are involved in the study and practice of writing and the study of diverse authors and perspectives within American Literature. Students learn how cultural values, conflicts and events have impacted our nation and the literature of the time. Based on the Arizona Language Arts Standards, this course provides students with the skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft and structure, and the integration of knowledge and ideas in literature and informational text. This course will develop the student's writing skills by examining text types and purposes and by writing arguments, explanatory/informational texts, and narratives. This course will advance student's knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use. Students will receive 1.0 credit in English upon completion of this two semester course (0.5 credit each semester).

**ENG6060      ENGLISH IV A/B**

Students will engage in critical analysis of literature that examines the human experience. Based on the Arizona Language Arts Standards, this course provides students with the skills and knowledge to become advanced critical readers and writers by analyzing multiple themes, interpretations, detail, craft and structure, and the integration of knowledge and ideas in literature and information text. Reinforcing and expanding the writing objectives of the junior year, this course will develop the student's writing skills by examining text types and purposes and by writing arguments to support claims in an analysis of ideas, and will write narratives to develop real or imagined experiences or events. Students will conduct research and participate in a range of collaborative discussions and presentations, integrating multiple sources of information. Students are expected to attain a high level of competence in reading, writing, study skills, and speaking. Students in English IV, regardless of content delivery method, will develop the skills necessary to continue to analyze information from a variety of sources, synthesize that information, and communicate their perspective effectively. Students will receive 1.0 credit in English upon completion of this two semester course (0.5 credit each semester).

**ENG6050      AP ENGLISH LANGUAGE AND COMPOSITION A/B**

The AP English Language and Composition course is designed to parallel a college composition course. Students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and become skilled writers who can compose for a variety of purposes. The course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the ability to write in any context. AP English Language and Composition prepares students for, and students are expected to take the AP Language and Composition Examination. Students will receive 1.0 credit in AP English upon completion of this two semester course (0.5 credit each semester). This course follows a College Board approved syllabus and may cover sensitive and/or mature topics.

**ENG6070      AP ENGLISH LITERATURE AND COMPOSITION A/B**

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. The course emphasizes the expository, analytical, and argumentative writing styles. AP English Literature and Composition prepares students for, and students are expected to take the AP Literature and Composition Examination. Students will receive 1.0 credit in AP English upon completion of this two semester course (0.5 credit each semester). This course follows a College Board approved syllabus and may cover sensitive and/or mature topics.

**ENG6080      IB ENGLISH 1 A/B**

Millennium High School offers IB English A: Language & Literature HL. IB English 1 is the Junior year of this two-year course that comprises four parts - two relate to the study of language and two to the study of literature. The study of the texts produced in a language is central to an active engagement with language and culture and, by extension, to how we see and understand the world in which we live. In this course, then, we want to question the meaning generated by language and texts, which, it can be argued, is rarely straightforward and unambiguous. Focusing on closing on the language of the texts we study and becoming aware of the role of each text's wider context in shaping its meaning is central to this course. The other central aim of the course is to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can be seen as autonomous yet simultaneously related to culturally determined reading practices. This course is part of the IB Diploma and Course Programs. Prerequisite: Honors English IIA and IIB.

**ENG6390      IB ENGLISH 2 A/B**

IB English 2 is the Senior year of IB English 1. Students who enroll in IB English 2 are expected to complete the IB English A: Language & Literature HL exam. This course is part of the IB Diploma and Course Programs. Prerequisite: IB English 1

**ENG6300      ENGLISH FOUNDATIONS A/B**

This course will utilize a research-based reading intervention course designed for students whose reading and writing achievement is below the proficient level. This course directly addresses the individual learning needs of the students through adaptive and instructional software, high interest literature, direct instruction in reading and writing skills. Students are placed in this course based on District English/Language Arts assessments in reading for their prospective grade level and/or Lexile score. Students remain in this course for the entire school year. This must be scheduled concurrently with ENG 1 for access to grade-level curriculum. Students will receive 1.0 elective credit upon completion of this course.

**ENG6310      ENGLISH INTERMEDIATE FOUNDATIONS A/B**

This course will utilize a research-based reading intervention course designed for students whose reading and writing achievement is below the proficient level and have been identified by district and state assessments as in need of English Language Acquisition support. This course directly addresses the individual learning needs of the students through adaptive and instructional software, high interest literature, direct instruction in reading and writing skills. Students are placed in this course based on District English/Language Arts assessments in reading for their perspective grade level and/or Lexile score as well as statewide indicators (i.e. AZELLA placement test). Students remain in this course for the entire school year. This must be scheduled concurrently with ENG 1 for access to grade-level curriculum. Students will receive 1.0 credit upon completion of this course.

**ENG6110      CREATIVE WRITING**

Creative Writing is an elective course of students interested in improving their use of imagery, figurative language, and other literary devices in order to forge a personal voice or style in their own written expression. Students will write, revise and present a variety of original written works. Additionally, students will focus on working individually and collaboratively to revise and polish their original work. This course may be repeated for credit and is an elective credit.

**ENG6130      FILM AND MEDIA STUDIES I**

This course introduces students to concepts, theories, and histories of film and other moving-image media, treating cinema as a dominant representational system that reflects American culture and has shaped other media forms. The introduction course is predominantly an in-depth study of films beginning with the Silent Era through the Classical Hollywood cinema period that extensively covers a variety of film genres. Topics include (but not limited to): the formal analysis of image and sound, aesthetics, historiography, genres, authorship, and issues of gender, race, ethnicity, and class. This course may be repeated for credit.

## ENGLISH LANGUAGE ACQUISITION PROGRAM

English Language Learners (ELL) will receive a complete program (2-4 hours of daily instruction) of language and academic skill development through placement in specific ELL English Language courses. All students enrolled in English are required to achieve a level of competency on the academic standards prescribed by the Arizona State Board of Education and the Board of Education of the Agua Fria Union High School District. Classroom and tutorial support is provided to ELL students to promote academic achievement. English Acquisition Program placement is determined by a performance level of proficiency on the Reading, Writing and overall composite scores as measured by the Arizona English Language Learner Assessment (AZELLA).

### **ENG6210      ENGLISH I A/B SEI BASIC LANGUAGE/WRITING**

This course is open to students needing 9th grade English credit who meet eligibility criteria for basic SEI instruction. Instruction emphasizes basic English skills in academic vocabulary, writing, and grammar. Enrollment in the program is based on district placement on assessment of English proficiency and academic evaluation. \*This course must be taken concurrently with ENG 6400 English ELL Support).

### **ENG6250      ENGLISH I A/B SEI INTERMEDIATE LANGUAGE/WRITING**

This course is open to students needing 9th grade English credit who meet eligibility criteria for intermediate SEI instruction. Instruction emphasizes intermediate English skills in academic vocabulary, writing, and grammar. Enrollment in the program is based on district placement on assessment of English proficiency and academic evaluation. \*This course must be taken concurrently with ENG6400 English ELL Support.

### **ENG6220      ENGLISH II A/B SEI BASIC LANGUAGE/WRITING**

This course is open to students needing 10th grade English credit who meet eligibility criteria for basic SEI Instruction. Instruction emphasizes basic English skills in academic vocabulary, writing and grammar. Enrollment in the program is based on district placement on assessment of English proficiency and academic evaluation. \*This course must be taken concurrently with ENG6400 English ELL Support).

### **ENG6260      ENGLISH II A/B SEI INTERMEDIATE LANGUAGE/WRITING**

This course is open to students needing 10th grade English credit who meet eligibility criteria for intermediate SEI instruction. Instruction emphasizes intermediate English skills in academic vocabulary, writing, and grammar. Enrollment in the program is based on district placement on assessment of English proficiency and academic evaluation. \*This course must be taken concurrently with ENG6400 English ELL Support.

### **ENG6230      ENGLISH III A/B SEI BASIC LANGUAGE/WRITING**

This course is open to students needing 11th grade English credit who meet eligibility criteria for basic SEI instruction. Instruction emphasizes basic English skills in academic vocabulary, writing, and grammar. Enrollment in the program is based on district placement on assessment of English proficiency and academic evaluation. \*This course must be taken concurrently with ENG6400 English ELL Support.

### **ENG6270      ENGLISH III A/B SEI INTERMEDIATE LANGUAGE/WRITING**

This course is open to students needing 11th grade English credit who meet eligibility criteria for intermediate SEI instruction. Instruction emphasizes intermediate reading English skills in academic vocabulary, writing, and grammar. Enrollment in the program is based on district placement on assessment of English proficiency and academic evaluation.

### **ENG6240      ENGLISH IV A/B SEI BASIC LANGUAGE/WRITING**

This course is open to students needing 12th grade English credit who meet eligibility criteria for basic SEI instruction. Instruction emphasizes basic English skills in academic vocabulary, writing, and grammar. Enrollment in the program is based on district placement on assessment of English proficiency and academic evaluation.

**ENG6280      ENGLISH IV A/B INTERMEDIATE LANGUAGE/WRITING**

This course is open to students needing 12th grade English credit who meet eligibility criteria for intermediate SEI instruction. Instruction emphasizes intermediate English skills in academic vocabulary, writing, and grammar. Enrollment in the program is based on district placement on assessment of English proficiency and academic evaluation.

**ENG6400      SEI Reading/Speaking A/B**

This course will utilize a research-based reading intervention course designed for students whose reading and writing achievement is below the proficient level and have been identified by district and state assessments as in need of English Language support. This course directly addresses the individual learning needs of the students through adaptive and instructional software, high interest literature, direct instruction in reading and writing skills. Students are placed in this course based on District English/Language Arts assessments in reading for their respective English Acquisition level. Students remain in this course for the entire school year. This must be scheduled concurrently with an SEI Writing Course. Students will receive 1.0 elective credit upon completion of this course.

## EXCEPTIONAL STUDENT SERVICES

ENROLLMENT IN THE FOLLOWING PROGRAMS IS BASED UPON ELIGIBILITY AS DETERMINED BY THE EXCEPTIONAL STUDENT SERVICES INDIVIDUAL EDUCATION PLAN (IEP) TEAM. SOME COURSES MAY BE REPEATED FOR CREDIT BASED UPON THE IEP TEAM'S RECOMMENDATION.

The Life Skills classes are for students who have been found eligible for Exceptional Student Services. These classes focus on academics, vocational skills, and community-based life skills. These students have specific challenges that can best be met with "hands on" and small group instruction. Students will take Vocational Orientation, Job Preparation and Academics IA/B to provide training in the basic life skills as it pertains to their present and future domestic, school, vocational, recreational and community environments. Students will acquire and practice these critical, functional skills to help transition into their adult life. Students may repeat Vocational Orientation, Job Preparation and Academics IA/B for credit to meet the Agua Fria Union High School District graduation requirements. Students will earn 1.0 credit for this year long course (0.5 credit each semester). This program is offered at Agua Fria, Desert Edge, Millennium, and Verrado High Schools.

The Functional Skills Program is designed to teach basic skills in the context of everyday living in order to maximize generalization from the classroom to real-life experiences. Course content is developed to meet the needs of individual students. These classes include functional academics, vocational skills, daily living skills and recreation/leisure skills. This program is offered at Canyon View High School.

The **CALM (Communication, Academics, Life Skills and Medical)** Program is designed to work collaboratively with related service providers that may include occupational therapy, speech-language therapy, assistive technology and adapted physical education. This program is offered at Desert Edge High School.

The **SAILS Program** (Social, Academic, Inclusion, and Life Skills) goal is to prepare students with moderate, severe and multiple disabilities to function as independently and productively as possible. This program provides training in the basic communication skills as it pertains to their present and future domestic, school, vocational, recreational and community environments. Students will acquire and practice these critical, functional skills to help transition into their adult life. Students will be placed into the EMERGENT or ACCELERATED SAILS Program based on IEP needs. This program is offered at Agua Fria and Millennium High Schools.

The **STRIDE Program** (Structured Teaching, Research-Based, Inclusion and Data-Driven Education) is designed to address the needs of students who are identified with an Autism Spectrum Disorder (ASD). These students may exhibit severe sensory needs, difficulties with social interaction and communication, and a tendency to engage in extreme repetitive behaviors. The program focuses on consistent and concrete instruction with a strong visual component, opportunities for sensory calming and alerting, and social skills training. The program outweighs the benefits of a placement with neurotypical peers. Students will be placed into the EMERGENT or ACCELERATED STRIDE Program based on IEP needs. The EMERGENT STRIDE Program is offered at Agua Fria High School. The ACCELERATED STRIDE Program is offered at Verrado High School.

### **IPD0397      ACADEMICS ENGLISH A/B**

This course provides students with the opportunity to improve their skills and knowledge based on standards aligned with the Arizona College Career Ready Standards. This course may be repeated for credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester).

### **IDP0407      ACADEMICS MATH A/B**

This course provides students with the opportunity to improve their skills and knowledge based on standards aligned with the Arizona College Career Ready Standards. This course may be repeated for credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester).

**IDP0417      ACADEMICS SCIENCE A/B**

This course provides students with the opportunity to improve their skills and knowledge based on standards aligned with the Arizona College Career Ready Standards. This course may be repeated for credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester).

**IDP0427      ACADEMICS SOCIAL SCIENCE A/B**

This course provides students with the opportunity to improve their skills and knowledge based on standards aligned with the Arizona College Career Ready Standards. This course may be repeated for credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester).

## **SUCCESS SEMINAR**

**IDP0207      SUCCESS SEMINAR**

The SUCCESS Seminar elective class is designed for students who have exhibited behaviors that require more support in a specialized program. This course teaches students to recognize appropriate and inappropriate behavior within the school setting as well as community based situations. Through this course students will: a) gain personal insights and discover how inappropriate behavior affects their lives and others, b) gain better control over their lives and become more responsible for their actions, c) learn to communicate more effectively, d) become better decision makers, and e) gain a better self-image. Students will be placed into the program based on student needs as indicated in the IEP. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester). Program offered at Agua Fria, Desert Edge, and Millennium.

**IDP0437      SUCCESS SEMINAR ENGLISH A/B**

The SUCCESS Seminar core class is designed for students who have exhibited behaviors that require more support in a specialized program. This course provides students with the opportunity to improve their skills and knowledge based on standards aligned with the Arizona College Career Ready Standards. This course may be repeated for an English credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester).

**IDP0447      SUCCESS SEMINAR MATH A/B**

The SUCCESS Seminar core class is designed for students who have exhibited behaviors that require more support in a specialized program. This course provides students with the opportunity to improve their skills and knowledge based on standards aligned with the Arizona College Career Ready Standards. This course may be repeated for a Math credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester).

**IDP0457      SUCCESS SEMINAR SCIENCE A/B**

The SUCCESS Seminar core class is designed for students who have exhibited behaviors that require more support in a specialized program. This course provides students with the opportunity to improve their skills and knowledge based on standards aligned with the Arizona College Career Ready Standards. This course may be repeated for a Science credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester).

**IDP0467      SUCCESS SEMINAR SOCIAL HISTORY A/B**

The SUCCESS Seminar core class is designed for students who have exhibited behaviors that require more support in a specialized program. This course provides students with the opportunity to improve their skills and knowledge based on standards aligned with the Arizona College Career Ready Standards. This course may be repeated for a Social History credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two-semester course (0.5 credit each semester).

**IDP0157 ADULT SURVIVAL A/B**

This course will cover four main areas; recreation/leisure, community/transportation, domestic living/entertaining friends, and school/vocational/volunteer skills. **This course may be repeated for credit to meet the Agua Fria Union High School District graduation requirements. Students will receive 1.0 credit upon completion of this two semester course (0.5 credit each semester).**

**IDP0377 MOVING FORWARD PROGRAM**

Moving Forward is an adult transition program in the ESS department. . It will be a program for students to further develop work and career skills focusing on students in specialized programs due to their disabilities.

**ENG6007 ENGLISH I A/B**

English IA/B is a year-long course that provides an introduction to the more complex concepts required of the high school student. Based on the Arizona College Career Ready Standards, this course provides students with the skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft and structure, and the integration of knowledge and ideas in literature and informational text. Students will develop their writing skills by examining text types and purposes and by writing arguments, explanatory/informational texts, and narratives. This course will advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use.

**ENG6027 ENGLISH II A/B**

The program of English instruction introduced in the freshman year continues in this year-long class, as students explore different genres of literature. Based on the Arizona Language Arts Standards, this course provides students with the skills and knowledge to become advanced critical readers and writers by analyzing multiple themes, interpretations, and details, craft and structure, and the integration of knowledge and ideas in literature and informational text. Reinforcing and expanding the writing objectives of the freshman year, this course will develop the student's writing skills by examining text types and purposes and by writing arguments to support claims in an analysis of substantive topics or texts. Students will write explanatory/information texts to examine and convey complex ideas, and will write narratives to develop real or imagined experiences or events. Students will use research methods to participate in a range of collaborative discussions and presentations, integrating multiple sources of information. This course will further advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use.

**ENG6047 ENGLISH III A/B**

Students enrolled in English III are involved in the study and practice of writing and the study of American Literature. Students learn how cultural values, conflicts and events have impacted our nation and the literature of the time. Based on the Arizona Language Arts Standards, this course provides students with the skills and knowledge to become critical readers and writers by analyzing key ideas and details, craft and structure, and the integration of knowledge and ideas in literature and informational text. This course will develop the student's writing skills by examining text types and purposes and by writing arguments, explanatory/informational texts, and narratives. This course will advance students' knowledge of the conventions of Standard English and will strengthen vocabulary acquisition and use.

**ENG6067 ENGLISH IV A/B**

Students will engage with British literature from the eighth century through the twentieth century. Based on the Arizona Language Arts Standards, this course provides students with the skills and knowledge to become advanced critical readers and writers by analyzing multiple themes, interpretations, details, craft and structure, and the integration of knowledge and ideas in literature and information text. Reinforcing and expanding the writing objectives of the junior year, this course will develop the student's writing skills by examining text types and purposes and by writing arguments to support claims in an analysis of ideas, and will write narratives to develop real or imagined experiences or events. Students will conduct a sustained research project and participate in a range of collaborative discussions and presentations, integrating multiple sources of information. Students are expected to attain a high level of competence in reading, writing, study skills, and speaking. Students in English IV, regardless of content delivery method, will write a research paper per Curriculum and Instruction Department criteria.

**MAT4217      PRE-ALGEBRA A/B**

Pre-Algebra will review Math concepts taught plus number theory, rational numbers, ratio, and proportion. This class will meet the needs of the beginning Algebra students who are reading at least at 3.5 grade level.

**MAT4017      ALGEBRA IA/ALGEBRA IB**

This standards-based Algebra I course extends the mathematics that students learned in the middle grades. The course is designed to deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will engage in methods for analyzing, solving, and using quadratic functions. This course was designed to address the requirements of both the Arizona College and Career Ready Practice and Content Standards.

**MAT4037      GEOMETRY A/B**

This standards-based Geometry course formalizes and extends students' geometric experiences from the middle grades. Students will: establish criteria for congruence of triangles based on rigid motions; establish criteria for similarity of triangles based on dilations and proportional reasoning; informally develop explanations of circumference, area and volume formulas; apply the Pythagorean Theorem to the coordinate plane; prove basic geometric theorems; and extend work with probability. This course was designed to address the requirements of both the Arizona College and Career Ready Practice and Content Standards.

**MAT4057      ALGEBRA IIA/ALGEBRA IIB**

The primary goal of Algebra 2 is for students to conceptualize, analyze, and identify relationships among functions. Students will develop proficiency in analyzing and solving quadratic functions using complex numbers. Students will investigate and make conjectures about absolute value, radical, exponential, logarithmic and piecewise functions algebraically, numerically, and graphically, with and without technology. Students will extend their algebraic skills to compute rational expressions and rational exponents. Students will work with and build an understanding of complex numbers and systems of equations and inequalities with two or more variables. Students will analyze statistical data and apply concepts learned of probability using permutations and combinations. Students will analyze situations verbally, numerically, graphically, and symbolically. Students will apply mathematical skills and make meaningful connections to real-world experiences.

**SCI7037      BIOLOGY A/B**

This life science course provides an understanding of biological processes and principles. Topics include the structure and function of living things, taxonomy and ecology. Reading of reports from scientific material other than the textbook is required. All content is assigned to the Arizona State Standards.

**SCI8017      WORLD HISTORY**

The development and spread of civilizations throughout the world is studied. Students gain an understanding of how the environment influences cultures and how people affect or change the environment. Major changes in the historical development of nations are stressed.

**SOC8037      AMERICAN AND ARIZONA HISTORY**

American and Arizona History explores the foundation of Western Culture in Europe and the American and Arizona heritages. Government, economics, religious and social life from the colonial period to the present is studied. Emphasis is placed on leaders, ideals, sacrifices, struggles, and the success in the building of our state and nation in the 20th Century.

**SOC8227      GOVERNMENT**

This course teaches the fundamentals of government on the national, state and local levels will be examined, including the three branches of government, rights and responsibilities of American citizenship, and the development and role of political parties. This is the first semester of a year-long course.

**SOC8237 ECONOMICS**

This course familiarizes the student with basic principles of economics, with an emphasis on capitalism and resource allocation. Included are the principles of financial management and career planning. This is the second semester of a year-long course.

**IDP0187 VOCATIONAL ORIENTATION**

Vocational Orientation acquaints students with possible career choices, and exposes students who are in need of work-related skills to a variety of work situations and opportunities. Included are developing skills for attaining and holding a job such as: preparing written job applications, resumes, personal fact sheets, interviewing techniques, using a telephone book, and solving various workplace situations. **Students may repeat this course for credit**

**IDP0327 TRANSITION TO WORK PROGRAM (TSW)**

The Transition to Work Program (TSW) is a specialized, intensive service and support to students through utilizing small groups one-on-one settings and simulated work environments at the local campus/community level, and with an intensive vocational focus. The program supports students with disabilities in meeting their transition service needs to successfully prepare them for career and/or college readiness once they leave high school. **Students will receive 0.5 elective credit upon completion of this single semester course. Students may repeat this course for credit. Students must be approved via an application process completed by the TSW teacher and coordinator.**

**IDP0367 INSTRUCTIONAL PROGRAM**

Students in this program will receive instruction and assistance in one or more content classes per student needs as indicated in the IEP.

## **FINE ARTS**

GRADUATION REQUIREMENT: TWO CREDITS OF FINE ARTS/CTE COURSES ARE REQUIRED BY THE DISTRICT FOR GRADUATION. \*ARIZONA BOARD OF REGENTS REQUIRES ONE (1) FINE ARTS OR CTE CREDIT FOR COLLEGE/UNIVERSITY ENTRANCE. SEE YOUR COUNSELOR REGARDING POST-SECONDARY PLANNING. An asterisk \* indicates that there is an Online version of this course available. Online course numbers/descriptions are in the ONLINE section of this course description book.

### **DIVISION OF VISUAL ARTS**

#### **FIN5470 FUNDAMENTALS OF ART A/B**

The Fundamentals of Art course introduces the student to the elements and principles of art as they apply to two-dimensional and three-dimensional works of art. The student will have hands-on experience with pencil, charcoal, pastel, ink, tempera, printmaking, clay, wire, paper mache, plaster, and mixed media. The student will also examine two-dimensional and three-dimensional works of art, artists, and artistic movements throughout art history. Course creates dust. Fee required.

#### **FIN5010 AP ART HISTORY A/B**

The AP Art History course will engage students at the same level as an introductory college art history survey. This course will involve critical thinking and will develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting, and other media. AP Art History prepares students for, and students are expected to take the AP Art History exam.

#### **FIN5480 SCULPTURE AND CERAMICS I A/B**

Sculpture and Ceramics is an intermediate-level course in which students will explore the sculpting processes of carving, modeling, and assemblage with an emphasis placed on the elements and principles of form, space, texture, balance, and visual movement. Students will also study various studio problems in the process of forming clay, both on the throwing wheel and hand building. An emphasis is placed on glaze application and surface decoration. Students may elect to provide additional supplies for personal projects. Class may be repeated for credit. Course creates dust. Fee required. Prerequisite: Fundamentals of Art

#### **FIN5490 METAL SCULPTURE A/B**

Students will learn the basic skills of metal working such as (welding, fabricating, forging and finishing). Students will expand upon their understanding of Form, Shape, Space, Design, Color, Line, and Texture while learning a career skill. Fee required.

#### **FIN5500 SCULPTURE AND CERAMICS II A/B**

Sculpture and Ceramics II is an advanced course offered to students who have successfully completed Sculpture and Ceramics. Students will explore various studio problems in the process of forming clay on the wheel, hand building, and by combining both techniques. An emphasis is placed on glaze application and surface decoration. The students will also explore the different types of clay and firing techniques. Course may be repeated for credit. Fee required. Prerequisite: Ceramics I

#### **FIN5750 3D CREATIVE STUDIES A/B**

3D Creative Studies is a year long advanced course offered to those students who have successfully completed Sculpture and Ceramics II. Advanced studio problems and techniques with three dimensional media will be explored, with an emphasis on Independent and collaborative art preparation and presentation. Students will be challenged to complete artworks that go beyond the scope of the classroom to reach a broader audience. Students may elect to provide additional supplies for personal projects. This course may be repeated for credit. Course fees required. Required Prerequisite: Fundamentals of Art, Sculpture and Ceramics II or instructor approval.

**FIN5510      DRAWING AND PAINTING I A/B**

Drawing and Painting is an intermediate-level course in which the student will render a variety of subject matter through the use of wet and dry media. The student will have hands-on-experience with pencil, charcoal, colored pencil, pastel, and mixed media. Students will also receive an introduction to the preparation of painting materials and methods, with an emphasis on color theory. Students may elect to provide additional supplies for personal projects. Class may be repeated for credit. Fee required. Prerequisite: Fundamentals of Art

**FIN5520      DRAWING AND PAINTING II A/B**

Drawing and Painting II will provide students, who have completed Fundamentals of Art and Drawing and Painting I, the opportunity to continue to develop their talent and or interest in visual art. By adding an additional level to Drawing and Painting, students who are not prepared for the rigor of Advanced Placement Studio Art can continue to develop their skill set in Drawing and Painting II. Drawing and Painting II will be assessed at an advanced level similar to Advanced Placement. Students who complete Drawing and Painting II will further develop their portfolio and be prepared for Advanced Placement. Fee required. Prerequisite: Drawing and Painting I

**FIN5060      2D AP ART STUDIO A/B**

2D AP Studio Art a year long advanced course. Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time, of content, technique, and process. Students will develop mastery in concept, composition, and execution. Students will address two components in their portfolios: sustained investigation and selected works. Students will submit this body of work to the College Board for grading and possible college credit. Students will expand their drawing and two-dimensional design skills and advance their visual communication skills by exploring a variety of design processes and techniques, and compositional and aesthetic concepts. Course fees required. Required Prerequisite: Drawing & Painting I or instructor approval.

**FIN5760      3D AP ART STUDIO A/B**

3D AP Studio Art a year long advanced course. Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time, of content, technique, and process. Students will develop mastery in concept, composition, and execution. Students will address two components in their portfolios: sustained investigation and selected works. Students will submit this body of work to the College Board for grading and possible college credit. Students will expand their sculpture and three-dimensional design skills and advance their visual communication skills by exploring a variety of design processes and techniques, and compositional and aesthetic concepts. Course fees required. Required Prerequisite: Sculpture & Ceramics I or instructor approval.

**FIN5530      2D CREATIVE STUDIES A/B**

2D Creative Studies is a year long advanced course offered to those students who have successfully completed Drawing and Painting II. Advanced studio problems and techniques with two dimensional media will be explored, with an emphasis on Independent and collaborative art preparation and presentation. Students will be challenged to complete artworks that go beyond the scope of the classroom to reach a broader audience. Students may elect to provide additional supplies for personal projects. This course may be repeated for credit. **Course fees required.** Required Prerequisite: Drawing and Painting II or instructor approval.

**FIN5540      PHOTOGRAPHY I A/B**

Photography is a beginning-level course which teaches students black-and-white photographic techniques and proper equipment operation and maintenance. Techniques to be explored include film processing, print development, hand coloring, multiple exposure printing, portraiture, and concept photography. It is recommended that students have access to a 35 mm single lens reflex camera with manual (or manual override) control of both aperture and shutter speed. Students may elect to provide additional supplies for personal use. Fee required.

**FIN5550 PHOTOGRAPHY II A/B**

Photograph II is an intermediate level course in black and white photography. Students will explore lighting techniques, compositional guidelines, and alternative methods of film processing and print manipulation. Students will learn to evaluate their own work as well as the work of others as they develop portfolios showing a progression of photographic skill. It is recommended that students have access to a 35 mm single lens reflex camera with manual (or manual override) control of both aperture and shutter speed. Students may elect to provide additional supplies for personal use. This course may be repeated for credit. Prerequisite: Photography I. Fee required.

**FIN5560 PHOTOGRAPHY III A/B**

Photography III are advanced courses that further explore meaning, emotions, and storytelling through photographs. Students will master complex techniques such as hand coloring, sandwich printing, print toning. They will also learn how to create different portrait lighting styles with studio lighting equipment and create an outline portfolio of their work. This course teaches students how to navigate and create a website to showcase their artistic talents. This online portfolio has been used by students in scholarship applications and in their personal resume. Students will have a better understanding of cameras and photography because of this background in film. In addition, this course will give students additional real world opportunities to develop their skills as a photographer. Prerequisite: Photography II. Fee required.

**FIN5570 PHOTOGRAPHY IV A/B**

Photography III are advanced courses that further explore meaning, emotions, and storytelling through photographs. Students will master complex techniques such as hand coloring, sandwich printing, print toning. They will also learn how to create different portrait lighting styles with studio lighting equipment and create an online portfolio of their work. This course teaches students how to navigate and create a website to showcase their artistic talents. This online portfolio has been used by students in scholarship applications and in their personal resume. Students will have a better understanding of cameras and photography because of this background in film. In addition, this course will give students additional real world opportunities to develop their skills as a photographer. Prerequisite: Photography III. Fee required.

**FIN5120 IB VISUAL ARTS I A/B**

Millennium High School offers IB Visual Arts SL/HL. IB Visual Arts I is the first year of a two-year course. Students in this course will produce a body of work representing their individual research and development as artists over the two-year span of the course. Emphasis will be placed on developing ideas through the critical investigation as well as improving technical skills in a variety of media. This course is part of the IB Diploma and Course Programs. Fee required.

**FIN5460 IB VISUAL ARTS II A/B**

IB Visual Arts II is the second year of IB Visual Arts I. Students who enroll in IB Visual Arts 2 are expected to complete either the IB Visual Arts exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Prerequisite: IB Visual Arts I. Fee required.

**FIN5770 UNIFIED VISUAL ARTS A/B**

Unified Arts combines students with intellectual disabilities (Artists) and students without disabilities (Mentors) for Visual Arts experience and exhibition. Unified Arts creates unique teammate bonds through creative arts experiences. These experiences create a culture of inclusion and foster understanding among students of all abilities. The Visual Arts may include but is not limited to painting, sculpting, drawing, and displaying art. Students will have the opportunity to engage in the local visual arts community. Prerequisite: Fundamentals of Art for Mentors. **Course Fee Required.**

## DIVISION OF PERFORMING ARTS

### **FIN5580 GUITAR I A/B**

This guitar class encompasses beginning to intermediate players. Students will learn the fundamentals of classical guitar playing from music theory, to technique, to music theory. Students will experience music from various frames and genres. More advanced players will also increase their repertoire and learn advanced playing techniques along with music ensemble practices. Fee required.

### **FIN5590 GUITAR II A/B**

Guitar II encompasses intermediate to advanced levels of guitar in a studio format. Students will develop intermediate and advanced solo and small group performance skills as well as music theory, composition/arranging, and history. Students will gain exposure to advanced playing styles such as Flamenco, Jazz, and Blues. Semester performances are required. Prerequisite: Guitar I or Director Audition. **Fee required.**

### **FIN5600 MARCHING BAND/CONCERT A/B**

**Concert Band** is a beginning level ensemble. No experience is needed to join this course. The band may perform at large group festivals. Because the group will have rehearsals and performances outside the normal school day, the student's attendance at all events will be required. During the fall semester, your site's band director may choose to teach marching band curriculum and during the spring semester, shift the focus to Concert band literature. As the marching band is a part of the spirit of the school, this ensemble will perform at all varsity football games and marching band competitions as scheduled by your site's band director and/or athletic director. Because the group will have rehearsals and performances outside the normal school day, the student's attendance at all events will be required including summer and fall camps. As a member of the Concert Band, the expectation is that you will be a part of the marching band should your director choose this option. This course may be used to fulfill the physical education credit. This course may be repeated for credit. Prerequisite: None. **Fee required.**

### **FIN5780 MARCHING BAND/SYMPHONIC BAND A/B**

As the marching band is a part of the spirit of the school, this ensemble will perform at all varsity football games and marching band competitions as scheduled by your site's band director and/or athletic director. Because the group will have rehearsals and performances outside the normal school day, the student's attendance at all events will be required including summer and fall camps. **Symphonic band** is an advanced level instrumental ensemble. The band will perform at large group festivals. Because the group will have rehearsals and performances outside the normal school day, the student's attendance at all events will be required.. During the fall semester, your site's band director may choose to teach marching band curriculum and during the spring semester, shift the focus to Symphonic and Concert band literature. As a member of the Symphonic Band, the expectation is that you will be a part of the marching band should your director choose this option. Speak with your site's director for more information. This course may be used to fulfill the physical education credit.. This course may be repeated for credit. Prerequisite: Director approval and/or student audition. **Fee required.**

### **FIN5790 MARCHING BAND/PERCUSSION ENSEMBLE & COLORGUARD A/B**

Both percussion ensemble and colorguard are advanced level ensembles designed to supplement the marching band during the fall semester and shift to discipline specific ensembles in the spring. These ensembles will perform at all varsity football games and marching band competitions as scheduled by your site's band director and/or athletic director. Because these groups will have rehearsals and performances outside the normal school day, the student's attendance at all events will be required including summer and fall camps. The director may choose to involve these groups in the spring concert band/symphonic band. This course may be used to fulfill the physical education credit. This course may be repeated for credit. Prerequisite: Director approval and/or student audition. **Fee required.**

### **FIN5800      MARCHING BAND/JAZZ ENSEMBLE A/B**

As the marching band is a part of the spirit of the school, this ensemble will perform at all varsity football games and marching band competitions as scheduled by your site's band director and/or athletic director. Because the group will have rehearsals and performances outside the normal school day, the student's attendance at all events will be required including summer and fall camps. **Jazz band** is an advanced level instrumental ensemble. The band will perform at large group festivals. Because the group will have rehearsals and performances outside the normal school day, the student's attendance at all events will be required. During the fall semester, your site's band director may choose to teach the marching band curriculum and during the spring semester, shift the focus to Jazz band literature. As a member of the Jazz Band, the expectation is that you will be a part of the marching band should your director choose this option. Speak with your site's director for more information. This course may be used to fulfill the physical education credit. This course may be repeated for credit. Prerequisite: Director approval and/or student audition. **Fee required.**

### **FIN5610      PIANO I A/B**

This one semester course is designed for students who wish to develop basic piano playing skills, or expand on their existing skills, or expand on their existing skills. Students will experience music from a variety of time periods and styles. Students will learn individually, as well as through whole group practice to master piano playing techniques. There will also be time spent in group instruction on music notation and theory. **Fee required.**

### **FIN5810      PIANO II A/B**

This second-year course is designed for students who wish to continue to develop intermediate piano playing skills and expand on their existing skills. Students will experience music from a variety of time periods and styles. Students will learn individually, as well as through whole group practice to master piano playing techniques. There will also be time spent in group instruction on music notation and theory.

### **FIN5620      BEGINNING CHOIR A/B**

This is a beginning vocal ensemble. Participation is open to all new choral students. Students will gain insights into the art of singing a wide variety of music. Elements of basic vocal technique including diction, breath support, and posture are emphasized. Attendance at all scheduled concerts and performances is required. Attendance and participation at all scheduled concerts and outside of school performances are required.. As performance time approaches, some after school or night rehearsals may be necessary. Special concert attire may be worn. This course may be repeated for credit. **Fee required.**

### **FIN5630      CONCERT CHOIR A/B**

This group is the school's advanced vocal ensemble. Membership is open to any student by audition or instructor approval. The finer points of choral performance and vocal technique are the main focus of this group. Many styles of vocal literature are covered. Attendance at all scheduled concerts and performances is required. Attendance and participation provide the basis for course grades. As performance time approaches, some after school or night rehearsals may be necessary. This course may be repeated for credit. Prerequisite: Audition/Instructor Approval: **Fee required.**

### **FIN5640      MUSIC THEORY A/B**

In Music Theory, students will learn in-depth characteristics of music. This includes, and is not limited to: reading and writing musical symbols; listening to and identifying musical chords and intervals; reading, writing, and listening to musical rhythms; and other deeper musical concepts. This course introduces students to first semester college level music theory. Prerequisite: Music performance course or instructor approval.

### **FIN5820      CHAMBER CHOIR A/B**

This is a highly select and advanced vocal ensemble for mixed SATB singers. Previous understanding of harmony, vocal technique, music theory, and role within the ensemble is required. A variety of genres, styles, and languages are covered. Students are required to participate in all scheduled concerts including additional performance opportunities throughout the year. As performance time approaches, some after school or night rehearsals may be necessary. All members of Chamber Choir are encouraged to be in Concert Choir/Show Choir. Special concert attire may be worn. This course may be repeated for credit. Placement into each choir is based on director discretion. Prerequisite: Audition/Director Placement Approval in Spring of previous school year. **Fee required.**

**FIN5830 TREBLE CHOIR A/B**

This is a beginning/intermediate vocal ensemble which specializes in literature for treble voices. Participation is open to all treble voice students. This group will build on treble harmonies, strengthening vocal technique, and basic music theory/history knowledge. A variety of genres, time periods, and languages are covered. Attendance and participation at all scheduled concerts and outside of school performances are required. As performance time approaches, some after school or night rehearsals may be necessary. Special concert attire may be worn. This course may be repeated for credit. Placement into each choir is based on director discretion. **Fee required.**

**FIN5650 SHOW CHOIR A/B**

This group is the school's advanced vocal ensemble. The finer points of choral performance, vocal technique, and movement are the main focus of this group. Many styles of vocal literature are covered. Attendance at all scheduled concerts and performances is required. Attendance and participation provide the basis for course grades. As performance time approaches, some after school or night rehearsals may be necessary. This course may be repeated for credit. Prerequisite: Audition/Instructor Approval. **Fee required.**

**FIN5840 TENOR/BASS CHOIR A/B**

This is a beginning/intermediate vocal ensemble which specializes in literature for tenor/bass voices. Participation is open to all tenor/bass voice students. This group will build on tenor/bass harmonies, strengthening vocal technique, and basic music theory/history knowledge. A variety of genres, time periods, and languages are covered. Attendance and participation at all scheduled concerts and outside of school performances are required. As performance time approaches, some after school or night rehearsals may be necessary. Special concert attire may be worn. This course may be repeated for credit. Placement into each choir is based on director discretion. **Fee required.**

**FIN5850 ORCHESTRA A/B**

Orchestra is an advanced level instrumental ensemble. This ensemble will perform at large group festivals. Because the group will have rehearsals and performances outside the normal school day, the student's attendance at all events will be required. Prerequisite: Director approval and/or student audition. **Fee required.**

**FIN5660 PRINCIPLES OF THEATRE A/B**

Principles of Theatre introduces students to the history of theatre, aspects of the stage, character development techniques, stage vs. film, musical theatre, directing, and more! Students will also be introduced to theatrical production elements such as, scenic, costumes, lighting, sound, and theatrical makeup. Throughout the course students will gain communication and collaborative skills that will set a student up for success in their classes and everyday life. **Fee required.**

**FIN5670 ADVANCED PRINCIPLES OF THEATRE A/B**

Advanced Principles of Theatre further develops acting skills and theatre knowledge. Students will continue to work on their directing skills and focus on performance areas of movement, voice, analysis, and more. Students will be introduced to playwriting and will work on original plays for melodrama and children's theatre. Students will also explore social and cultural aspects of theatre through various research, design, and performance projects. **Prerequisite: Principles of Theatre. Fee required.**

**FIN 5680 PERFORMANCE THEATRE A/B**

Performance Theatre is an audition or instructor permission only course with required after school rehearsal and performances. Students in this course will advance their acting and directing skills. Students will learn all aspects of theatre production and will be required to act in student directed productions. Students will also focus closely on script and character analysis as well as dramaturgy that is appropriate to the selected class production or project. Some after school rehearsal and performance times are a requirement for this course. This course may be repeated for credit. **Prerequisite: Principles of Theatre and Audition/Instructor permission required. Fee required.**

**FIN5280 IB FILM I A/B**

Millennium High School offers IB Film SL/HL. IB Film 1 is the first year of this two-year course. The purpose of this course is to examine the different genres of film. The class will look at how some of today's directors stylistically put objects, scenes, or themes into their movies. The overall goal for students enrolled in this course is to become critical thinkers, instead of passively watching a show. They will in turn be active participants as they examine various structures or conventions of different films from around the world. The development and production of film is also included in this course. This course is part of the IB Diploma and Course Programs. Fee required.

**FIN5450 IB FILM II A/B**

IB Film 2 is the second year of IB Film 2. Students who enroll in IB Film 2 are expected to complete either the IB Film SL or HL exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Prerequisite: IB Film 1. Fee required.

**FIN5700 DANCE I A/B**

This course is a beginning level ballet, jazz and contemporary/modern dance class. The emphasis of this class is on technique and alignment. Various turns, leaps and formal steps will be taught as well as introduction to instructor taught choreography. Students need no previous dance experience to succeed in the course. Students are required to perform in all end of semester productions and after school rehearsals. Alternative projects will be given on an individual basis based on teacher discretion. Dancewear will be required. This course may be repeated for credit, however, once a student takes Dance 2 through Performance, this course cannot be repeated. Dance may be used to fulfill the physical education credit. **Fee required.**

**FIN5710 DANCE II A/B**

This course will be the next level of Dance I. Emphasis will be on more intermediate level technique and build Dance 1 level content. Various turns, leaps and formal steps will be taught as well as introduction to student created choreography. Students are required to perform in all end of semester productions after school rehearsals. Alternative projects will be given on an individual basis based on teacher discretion. Dancewear will be required. This course may be repeated for credit, however, once a student takes Dance 2 through Performance, this course cannot be repeated. Dance may be used to fulfill the physical education credit. **Fee required.** Prerequisite: Dance 1 or Instructor Recommendation

**FIN5720 DANCE III A/B**

This course will be the next level of Dance II. Emphasis will be on more advanced level technique and build Dance 2 level content. Students will also be required to choreograph pieces for the Fall and Spring dance concerts as well as instructor lead choreography. Students are required to perform in all end of semester productions after school rehearsals. Alternative projects will be given on an individual basis based on teacher discretion. Dancewear will be required. This course is designed for students that have surpassed the intermediate level of dance. This will continue to challenge students that are above an intermediate level and to prepare them for a performance level class in terms of technique and choreography. Dance may be used to fulfill the physical education credit. Fee Required. Prerequisite: Instructor Recommendation

**FIN5730 PERFORMANCE DANCE A/B**

Performance Dance is an Audition Only course. Emphasis will be on mastery level technique and build upon student created choreography that will appear in the Fall and Spring Dance Concerts as well as instructor lead choreography. Students are required to perform in all end of semester productions after school rehearsals. Alternative projects will be given on an individual basis based on teacher discretion. Dancewear will be required. This course may be repeated for credit. Dance may be used to fulfill the physical education credit. Audition is required. **Fee required.** Prerequisite: Audition Only (held once a year)

## INTER-DEPARTMENTAL

**IDP0020      DIGITAL COMMUNICATION AND MEDIA I** The first year of Journalism introduces students to the essentials of newspaper writing, page designing, and advertising. It covers the history and ethics of journalism in the United States and basic newspaper vocabulary. Experience in writing and editing news stories, feature stories, sports stories, editorials, and advertising copy is provided. Students should have an aptitude for writing.

**IDP0030      DIGITAL COMMUNICATION AND MEDIA II** Each course advances the study of material covered in previous Journalism classes. Emphasis is placed on interpretive reporting, column writing, and editing skills. Students may serve as editors of the school newspaper. Prerequisite: Journalism I

**IDP0040      DIGITAL COMMUNICATION AND MEDIA III** Each course advances the study of material covered in previous journalism classes. Emphasis is placed on interpretive reporting, column writing, and editing skills. Students may serve as editors of the school newspaper. Course may be repeated for credit. Prerequisite: Journalism II

**IDP0550      FRESHMEN EXPERIENCE** Freshman Experience is a credit-bearing opportunity required for all 9th grade students to take that will allow them to explore the different Academies that can be found on their campus. Students will engage in career exploration, self exploration, and soft skills development during this course. Students will select their future Academy at the conclusion of the first semester and they will complete a service learning project at the end of the second semester. Students new to AFHSD during their 10th, 11th, or 12th grade year will not be required to complete this course.

### **IDP0050      SPEECH AND DEBATE I**

This course provides instruction in the development and presentation of oral interpretation, debate, formal oratory, and dramatic presentations at speech and debate competitions. It will also review the theoretical foundations for public speaking and provide practical methods for applications of a process approach for composing and producing informative and persuasive speeches and group discussions.

### **IDP0060      SPEECH AND DEBATE II**

This course will expand on skills learned in Speech and Debate I. It is a performance based course focused on deeper experience in oral presentations. Topics include Lincoln-Douglas Debate, Policy Debate, Oratory, Expository, and Interpretation events including Prose and Dramatic Interpretation. Prerequisite: Speech & Debate I

### **IDP0080      STUDENT LEADERSHIP (STUDENT GOVERNMENT)**

This course is designed to develop personal leadership skills and an understanding of group processes in a democratic society. It seeks to foster in students a better understanding of themselves and the capacity for leadership; to create an understanding of the importance of leadership in a democratic society; and to prepare students to assume leadership roles in the school and community. This course may be repeated for credit. Application process required.

### **IDP0090      PUBLICATIONS I A/B**

Students will develop skills necessary to produce the school's yearbook. To understand the process of creating a publication, students will participate in research, writing, reporting, photography, design, and management.

### **IDP0100      PUBLICATIONS II A/B**

Students will focus on the final deadline for production (writing, photography, design) of the yearbook. In addition, students will develop a variety of business skills impacting the sales of the yearbook. To understand the process of selling a publication, students will participate in research, planning, marketing, selling, budgeting, and management. Prerequisite: Publications I

### **IDP0110      IB THEORY OF KNOWLEDGE A/B**

The purpose of Theory of Knowledge (TOK) is to stimulate reflection on the knowledge and the experience of students both in and outside the classroom. TOK examines various areas of knowledge, truth, logic, value judgments, and the role of language and thought in knowledge. The course challenges students to question the basis of knowledge, to be aware of subjective and ideological biases, and to develop a personal mode of thought based on analysis of evidence and expressed in rational arguments. This course is part of the IB Diploma program.

### **IDP0350 IB BUSINESS MANAGEMENT A/B**

Millennium High School offers IB Business Management SL. This one-year course is designed to develop students' knowledge and understanding of business management theories, as well as their ability to apply a range of tools and techniques. Students learn to analyze, discuss, and evaluate business activities at local, national, and international levels. This course covers a range of organizations from all sectors and the business functions of human resources management, finance and accounting, marketing, and operations management. The conceptual learning is firmly anchored in business management theories, tools, and techniques and placed in the context of real-world examples and case studies. It is expected the student will take the IB Business Management SL exam upon completion of this course. This course is part of the IB Diploma and Course Programs. Prerequisite: Marketing Principles I. Fee required.

### **IDP0510 MYTHOLOGY I**

Myths are stories that have withstood the passing of the ages. Many myths are the foundation of classical civilizations and seek to explain the how and the why of our existence. Others tell the tales of the great heroes/heroines and their exploits as they seek fame and immortality through history. Some simpler than others, tell us the stories of unremarkable individuals who are thrust into great adversity and perform great deeds. Mythology 101 will focus on introducing students to the gods and heroes of classical civilizations and seeks to explore the role that mythology plays for individuals, societies, and nations. We will examine mythology's cultural and historical relevance and their influence on modern society. Students will be required to read, speak, and present written information to an audience of their peers.

### **IDP0540 MYTHOLOGY II**

Myths are stories that have withstood the passing of the ages. Many myths are the foundation of classical civilizations and seek to explain the how and the why of our existence. Others tell the tales of the great heroes/heroines and their exploits as they seek fame and immortality throughout history. Some, simpler than others, tell us the stories of unremarkable individuals who are thrust into great adversity and perform great deeds. Mythology II will focus on introducing students to the: gods and heroes of classical civilizations such as Japan, Egypt, Polynesia, Africa and more. Mythology II seeks to explore the role that mythology plays for individuals, societies, and nations and We will take a deeper examination of mythology's cultural and historical relevance and their influence on modern society. Students will be required to read, speak, and present written information to an audience of their peers.

### **IDP0120 STREET LAW**

Students will gain an understanding and appreciation of their rights and responsibilities related to the United States judicial system and law enforcement agencies. The goal of this course is to provide valuable information to help students make beneficial (life-time) decisions.

### **IDP0330 SPORTS PSYCHOLOGY**

This course will provide students with knowledge about psychological factors that affect performance in sports such as motivation, concentration, focus, confidence, anxiety, and relaxation. Students will also be introduced to mental skills that will enhance performance, make athletic participation more enjoyable, and learn skills that can be transferred to other aspects of their lives. Specific skills to be covered in this class will include: how to set measurable goals and strategies to achieve them, visualization and imagery techniques, leadership, team-building, mental toughness, motivation and competition.

### **IDP0300 INTRODUCTION TO SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)**

STEM education is at the heart of today's high-tech, high-skilled global economy. STEM is a hands-on, minds-on program in which students learn to become problem solvers, innovators, creators, and collaborators and go on to fill the critical pipeline of engineers, scientists, and innovators so essential to their future.

Students are immersed in an integrated Science, Technology, Engineering, and Mathematics (STEM) program where the focus is on the students' development of multiple skills, developing scientific investigations, understanding and applying the engineering design process, collaboratively working in the Problem-Based Learning (PBL) environment, developing digital literacy, and expanding critical thinking skills - all while focusing on real world processes and projects.

### **IDP0170      WORK- BASED LEARNING**

This course is for any senior whether **on** or **off** track for graduation. All work experience is outside of the regular school day. The CTE Internship Coordinator will be responsible for monitoring student progress and assigning the students' grades. Grades are based on work attendance, completion of coursework through Google Classroom, reflections on work experience, and input from the business mentor. **There is NO early release.** A maximum of 2 credits can be earned senior year as follows: (0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the completion of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements which includes a Google Classroom component. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace. Students will earn a Pass/Fail grade and it will not calculate into their GPA.

### **IDP0340      PROFESSIONAL INTERNSHIP A/B**

This course is for any senior who is **on track** for graduation. The Internship Coordinator will be responsible for monitoring student progress and assigning the student's grades. Students will complete all of the required Google Classroom program work and will meet with the Internship Coordinator on required dates during the school year - (Two weeks at the beginning of the course; up to three days at the mid-term at the end of semester 1; and one day at the end of semester 2). These meeting dates are non-negotiable. This class will count as a regular class period even though following the conclusion of the initial in-class orientation weeks, the student will be released Period 6 to go to work/internship placement. Consequently, this would be one of the five required class periods and the student would still be allowed one (1) early release period. However, should the student decide to drop this internship class at any time or should the student fail this class, be removed from this class, or not have an approved job/internship placement, the student is required to enroll in a replacement class in order to maintain the student's required five class periods. A maximum of 2 credits can be earned senior year as follows: 0.5 credit equaling 65 verified work hours and the completion of all other requirements; 1.0 credit equaling 130 verified work hours and the competition of all other requirements; 1.5 credits equaling 195 verified work hours and the completion of all other requirements; 2.0 credits equaling 260 verified work hours and the completion of all other requirements, which includes Google Classroom component with weekly submission, providing the CTE Internship Coordinator a copy of their resume, cover letter and reference letter, work attendance verification, mentor (business) checklist, and the student must participate in the mock interview. Credit will not be awarded without completing all requirements and providing verification of hours worked. The Student Information Form/Contract must be completed prior to enrolling in this course. Students are responsible for their own transportation to and from the workplace/internship placement. Students will earn a grade of **Pass or Fail** for their involvement in this course.

## INTERNATIONAL LANGUAGES

GRADUATION REQUIREMENT: THE DISTRICT GRADUATION REQUIREMENT IN INTERNATIONAL LANGUAGE IS ONE CREDIT. ARIZONA BOARD OF REGENTS REQUIRES TWO CREDITS OF THE SAME LANGUAGE FOR COLLEGE AND/OR UNIVERSITY ENTRANCE. An asterisk \* indicates that there is an online version of this course available. Online course numbers/descriptions are in the ONLINE section of this course description book.

### **LAN9060 FRENCH I A/B**

Through exposure to similarities and differences between peoples of French-speaking nations and the United States, students begin to develop an awareness and appreciation for French culture. While traditional grammatical elements are presented, this is an immersion program and practical application of the language is stressed. Listening, speaking, reading and writing skills are extensively practiced.

### **LAN9070 FRENCH II A/B**

An important step in the study of the language, this course continues to present new cultural and grammatical elements, while reinforcing those skills learned in the first year. Real-life situations will be practiced and students will speak the language on a daily basis. Prerequisite: French I

### **LAN9080 HONORS FRENCH III A/B**

To polish the language skill, more sophisticated grammatical elements are presented and practiced. French history and geography are introduced, and self-expression through the writing of essays and projects. This is an immersion course. Prerequisite: French II

### **LAN9090 AP FRENCH LANGUAGE AND COMPOSITION A/B**

The French Language course emphasizes the use of language for active communication and helps students develop the ability to understand spoken French in various contexts. In addition, students will develop a French vocabulary sufficiently ample for reading newspaper and magazine articles, literacy texts, and other non-technical writings without dependence on a dictionary, and the ability to express themselves coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French. AP French language prepares students, and students are expected to take the AP French Language Examination. Prerequisite: Honors French III

### **LAN9110 GERMAN I A/B**

The first year German course is designed to teach listening and speaking, and increased practice in reading and writing in the target language. Students are introduced to the basic elements of grammar, reading, writing, and speaking. The course is an immersion-type program.

### **LAN9120 GERMAN II A/B**

The second level German course continues with an emphasis on listening, speaking, and increased practice in reading and writing in the target language. By the end of this course, all basic grammar has been introduced. Prerequisite: German I

### **LAN9130 HONORS GERMAN III A/B**

When there is sufficient enrollment, the advanced German course is offered. Advanced study emphasizes reading, writing and speaking in the target language. Prerequisite: German II

### **LAN9240 IB Language A/Literature SSST (School Supported Self-Taught)**

This course is a school supported self-taught literature class that offers students a unique opportunity to study the literature of a language that is not currently offered at the school as a taught subject. Under the supervision of a Language A instructor and a tutor who is proficient in the student's first language, students will study 9 works at standard level from a representative selection of literary forms, periods and places. The formal examination comprises two essay papers, one requiring the analysis of a passage of unseen

literary text, and the other comparative response to a question based on two works studied. Students also perform an oral activity presenting their analysis of two works studied.

#### **LAN9140 LATIN I A/B**

The study of Latin begins with a grammatical framework which can directly transfer to their work in English. The course will give students a better understanding of grammar, an introduction to ancient culture, and an expansion of vocabulary, especially in the professions of medicine and law.

#### **LAN9150 LATIN II A/B**

The second level of Latin continues to give students a better understanding of grammar, background to ancient culture, and an expansion of vocabulary and use of the language. Prerequisite: Latin I

#### **LAN9180 LATIN III A/B**

This course reinforces and expands grammatical topics learned in Latin I and II. Students will increase their understanding of Latin vocabulary and grammar with the goal of reading a variety of Roman authors of both prose and poetry. The strong cultural component of ancient Rome will continue by focusing on the effects of classical history, civilization, and language vocabulary and depth of meaning. Authors may include Ovid, Caesar, Vergil, Martial, etc. Prerequisite: Latin II

#### **LAN9000 SPANISH I A/B\***

The student is introduced to the Spanish language through the use of an immersion-type program and communicative activities. Elements of grammar, writing, reading, speaking, and the Spanish culture are also introduced.

#### **LAN9010 SPANISH II A/B\***

This course is designed to advance the student's skills in listening, pronunciation, vocabulary and grammar, comprehension, along with writing, in an immersion-type program. The student will learn more about the Spanish speaking world, its peoples and cultures. Emphasis is placed on speaking and writing in Spanish. Prerequisite: Spanish I or placement test.

#### **LAN9250 SPANISH II HONORS A/B**

Spanish 2 Honors is a rigorous course for the high school student that is ready for a faster pace and deeper foreign language study. The course will also include an independent honors study assignment each semester. The independent work will be similar to the other Spanish 2 class but on a deeper level. Conversation in class will be in Spanish emphasizing more complex Spanish phrasing. Prerequisite: Spanish I or placement test.

#### **LAN9020 HONORS SPANISH III A/B**

Spanish III will focus on writing, reading, and grammar with emphasis on conversational Spanish. Honors Spanish III designed to prepare students for AP Spanish Language and Composition. Prerequisite: Spanish II or placement test.

#### **LAN9030 AP SPANISH LANGUAGE AND COMPOSITION A/B**

The Spanish Language and Composition course is comparable to an advanced level (5th and 6th semester or the equivalent) college Spanish language course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills reading comprehension, grammar, and composition. The course objectives are to help students comprehend formal and informal spoken Spanish and acquire vocabulary and a grasp of structure to allow the easy, accurate reading of newspaper and magazine articles, as well as modern literature in Spanish. AP Spanish Language and Composition prepares students, and students are expected to take the AP Spanish Language Examination. Prerequisite: Honors Spanish III

#### **LAN9040 IB SPANISH AB INITIO 1 A/B**

IB Spanish Ab Initio 1 is the first year of this two-year course whose main objective is to provide students who have little to no previous experience of Spanish with the skills necessary for them to handle everyday interactions in a Spanish-speaking environment. Through their acquisition of language, they will learn how to communicate effectively with other Spanish speakers in practical and social

situations. The course will focus on speaking, listening, reading, and writing Spanish. This course is part of the IB Diploma and Course Programs. Fee required.

**LAN9230 IB SPANISH AB INITIO 2 A/B**

IB Spanish Ab Initio 2 is the second year of Spanish Ab Initio 1. Students who enroll in IB Spanish Ab Initio 2 are expected to complete the IB Spanish Ab Initio SL exam. This course is part of the IB Diploma and Course Programs. Prerequisite: IB Spanish Ab Initio 1. Fee required.

**LAN9050 IB SPANISH B 1 A/B**

Millennium High School offers IB Spanish B SL/HL. IB Spanish B 1 is the first year of this two-year course whose main focus is on language acquisition and development in the four primary language skills: listening, speaking, reading, and writing. These language skills will be developed through the study and use of a range of written and spoken material. The material is chosen to enable students to develop mastery of language skills. Students will also use their inquiry skills through investigation of how their own culture compares to that of other countries. Students will advance their ability to communicate in Spanish in all four skills areas as they explore themes of change, groups, and leisure through the study of geography, history, art, music, and literature. This course is part of the IB Diploma and Course Programs. Prerequisite: Spanish II or higher and teacher recommendation. Fee required.

**LAN9220 IB SPANISH B 2 A/B**

IB Spanish B 2 is the second year of IB Spanish B 1. Students who enroll in IB Spanish B 2 are expected to complete the IB Spanish B SL or HL exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Prerequisite: IB Spanish B 1. Fee required.

## MATHEMATICS

GRADUATION REQUIREMENT: THE DISTRICT'S REQUIREMENT IN MATH IS FOUR CREDITS. ARIZONA BOARD OF REGENTS REQUIRES FOUR (4) MATH CREDITS, ONE OF WHICH IS AT A LEVEL HIGHER THAN ALGEBRA II. An asterisk \* indicates that there is an online version of this course available. Online course numbers/descriptions are in the ONLINE section of this course description book. PLEASE SEE YOUR COUNSELOR FOR POST-SECONDARY COURSE PLANNING.

### **MAT4000 ALGEBRA EXTENSION A/B**

Algebra Extension utilizes a research based math intervention curriculum designed to provide targeted support for students to cross the bridge from arithmetic to algebra. This course will both support and extend the work students do in Algebra I through the development of mathematical habits of the mind. Algebra Extension is aligned with the tiers of the Response to Intervention model. Placement into this course will be based upon District mathematics assessments. **Students will be co-enrolled in Algebra I.**

### **MAT4010 ALGEBRA I A/B**

This standards-based Algebra I course extends the mathematics that students learned in the middle grades. The course is designed to deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will engage in methods for analyzing, solving, and using quadratic functions. This course was designed to address the requirements of the Arizona Mathematics Standards.

### **MAT4020 HONORS ALGEBRA I A/B**

This standards-based Algebra I course extends the mathematics that students learned in the middle grades. The course is designed to deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will engage in methods for analyzing, solving, and using quadratic functions. This Honors course will aim to develop pre-AP skills by requiring students to present their knowledge in original and innovative ways. This course was designed to address the requirements of the Arizona Mathematics Standards.

### **MAT4030 GEOMETRY A/B\***

This standards-based Geometry course formalizes and extends students' geometric experiences from the middle grades. Students will: establish criteria for congruence of triangles based on rigid motions; establish criteria for similarity of triangles based on dilations and proportional reasoning; informally develop explanations of circumference, area and volume formulas; apply the Pythagorean Theorem to the coordinate plane; prove basic geometric theorems; and extend work with probability. This course was designed to address the requirements of the Arizona Mathematics Standards. Prerequisite or corequisite: Algebra I A/B or Honors Algebra IA/B

### **MAT4040 HONORS GEOMETRY A/B**

This standards-based Geometry course formalizes and extends students' geometric experiences from the middle grades. Students will: establish criteria for congruence of triangles based on rigid motions; establish criteria for similarity of triangles based on dilations and proportional reasoning; informally develop explanations of circumference, area and volume formulas; apply the Pythagorean Theorem to the coordinate plane; prove basic geometric theorems; and extend work with probability. Additional Honors work will have students apply trigonometry to general triangles, explain volume formulas and understand and apply theorems about circles. This course was designed to address the requirements of the Arizona Mathematics Standards. Prerequisite or corequisite: Algebra IA/B or Honors Algebra IA/B

### **MAT4050 ALGEBRA II A/B**

This standards-based Algebra II course builds on the students' work with linear, quadratic, and exponential functions and extends their repertoire of functions to include polynomial, rational and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve numbers and solving exponential equations using the properties of logarithms. This course was designed to address the requirements of the Arizona Mathematics Standards. **Students will receive 1.0 credit in Mathematics upon completion of this two semester course (0.5 credit each semester).** Prerequisite: Algebra IA/IB or Hon Alg I A/B or Geo A/B (Geometry can also be corequisite)

**MAT4060 HONORS ALGEBRA II A/B**

This standards-based Algebra II course builds on the students' work with linear, quadratic, and exponential functions and extends their repertoire of functions to include polynomial, rational and radical functions. Students work closely with the expression that define the functions and continue to expand and hone their abilities to model situations and to solve numbers and solving exponential equations using the properties of logarithms. Additional Honors work will have students use complex numbers in polynomial identities and equations, rewrite rational expressions, extend the domain of trigonometric functions using the unit circle and prove and apply trigonometric identities. This course was designed to address the requirements of the Arizona Mathematics Standards. **Students will receive 1.0 credit in Honors Mathematics upon completion of this two semester course (0.5 credit each semester).** Prerequisite: Algebra IA/IB or Hon. Alg. IA/B or Geo. A/B (Geometry can also be a corequisite)

**MAT 4230 ALGEBRA III A/B\***

This course is designed to prepare students for a collegiate level Algebra course. The purpose of this course is to reinforce mathematical symbols, operations, functions and graphing concepts necessary to be successful in higher math courses. This includes (1) a study of functions and graphs (2) properties of polynomials, rational, exponential, and logarithmic functions, and (3) a study of trigonometry functions and applications. **Students will receive 1.0 credit in Honors Mathematics upon completion of this two semester course (0.5 credit each semester)** Prerequisite: Geometry, Algebra II

**MAT4070 ACCELERATED ALGEBRA II A/B****MAT4110 ACCELERATED PRE-CALCULUS A/B**

These two courses are taken all year long in a double blocked format. Students will take Accelerated Algebra II all year during half of the double-blocked period and Accelerated Pre-Calculus all year during the other half of the double-blocked period. Upon receiving passing grades, students will receive 0.5 credits for each course at the end of the first semester, and 0.5 credits for each course at the end of the second semester for a total of 1.0 credits for each course by the end of the school year.

For specific topics, please refer to the Algebra II and Honors Pre-Calculus course descriptions. **Students should expect additional work outside of class.** This course was designed to address the requirements of the Arizona Mathematics Standards. Prerequisite: Geometry of Honors Geometry

**MAT4100 HONORS PRE-CALCULUS\* A/B**

Honors Pre-Calculus is designed to prepare college-bound students for a first course in Calculus. Topics covered are intermediate and advanced algebra, circular and trigonometric functions, vectors, analytic geometry, and limits. This course was designed to address the requirements of the Arizona Mathematics Standards. **Students will receive 1.0 credit in Honors Mathematics upon completion of this two semester course (0.5 credit each semester).**

**MAT4360 AP PRE-CALCULUS A/B**

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Furthermore, the course is structured to provide a coherent capstone experience and is not exclusively focused on preparation for future courses. Prerequisite: Algebra II

**MAT4120 AP CALCULUS A/B**

This course uses the College Board Syllabus for AB Calculus and is designed to parallel the first semester of a college calculus course. Topics emphasized include limits, derivatives and integrals and the Fundamental Theorem of Calculus. Students completing this course are expected to take the AP Calculus AB exam. **Students will receive 1 credit in Advanced Placement Mathematics upon completion of this year long course (0.5 credit each semester).**

**MAT4130 AP CALCULUS BC (ONE SEMESTER)**

AP Calculus BC is equivalent to a second semester class at the university level. This course will provide students who have completed AP Calculus AB the option to continue the AP sequence of coursework. Topics emphasized include series of numbers, power series and various methods to determine convergence or divergence of a series. Students completing this course are expected to take the AP Calculus BC exam. **Students will receive 0.5 credit in Advanced Placement Mathematics upon completion of this one semester course.** Prerequisite: AP Calculus AB

**MAT4140 AP CALCULUS AB/BC**

This course uses the College Board Syllabus for both AB Calculus and BC Calculus. This course is designed to parallel the first two semesters of college calculus courses. For specific topics covered, refer to the course descriptions for both AP Calculus AB and BC. Students completing this course are expected to take the appropriate AP exam. **Students will receive 1 credit in Advanced Placement Mathematics upon completion of this year long course (0.5 credit each semester).** Prerequisite: AP, Honors, Accelerated Pre-Calculus.

**MAT4150 HONORS CALCULUS III (ONE SEMESTER)**

This course offers students the opportunity to apply material learned in AP Calculus AB and BC to problems in three-dimensional space. Most concepts involved in AP Calculus AB and BC involve functions in one variable. Calculus III allows the student to consider problems taken off a two-dimensional plane and placed into our three dimensional world. This class completes the Calculus strand, paralleling work done in the third semester of a college calculus course, for students who are interested in the mathematical and science fields at the university level. **Students will receive 0.5 credit in Honors Mathematics upon completion of this one semester course.** Prerequisite: Calculus BC

**MAT4160 AP STATISTICS A/B**

Students are introduced to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The AP Statistics syllabus will be followed. Students who complete this course are expected to take the appropriate AP exam. Students will receive 1.0 credit in Advanced Placement Mathematics upon completion of this two semester course. The major course objectives are Exploring Data: Describing patterns and departures from patterns; Sampling and Experimentation: Planning and Conducting a Study, Anticipating Patterns: Exploring random phenomena using probability and simulation; and Statistical Inference: estimating population parameters and testing hypotheses. Prerequisite: Algebra II

**MAT4170 IB MATH APPLICATIONS 1 A/B**

Millennium High School offers IB Mathematics: Applications and Interpretation SL/HL. IB Math Applications 1 is the first year of this two-year course that is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. Students will also be interested in harnessing the power of technology alongside exploring mathematical models. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics, psychology, and design for example. This course is part of the IB Diploma and Course Programs. Prerequisite: Honors Algebra II.

**MAT4320 IB MATH APPLICATIONS 2 A/B**

IB Math Applications 2 is the second year of IB Math Applications 1. Students who enroll in IB Math Applications 2 are expected to complete either the IB Mathematics: Applications and Interpretations SL or HL exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Prerequisite: IB Math Applications 1, IB Math Analysis 1, or AP Calculus A/B.

**MAT4240 IB MATH ANALYSIS 1 A/B**

Millennium High School offers IB Mathematics: Analysis and Approaches SL/HL. IB Math Analysis 1 is the first year of this two-year course and is appropriate for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. Students will also be fascinated by exploring real and abstract applications of these ideas, with and without the use of technology. This subject is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or economics for example. This course is part of the IB Diploma and Course Programs. Prerequisite: Honors Algebra II.

**MAT4330      IB MATH ANALYSIS 2 A/B**

IB Math Analysis 2 is the second year of IB Math Analysis 1. Students who enroll in IB Math Analysis 2 are expected to complete either the IB Mathematics: Analysis & Approaches SL or HL exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Prerequisite: IB Math Analysis 1, AP Calculus A/B, IB Math Applications 2.

**MAT4200      FINANCIAL LITERACY\* A/B**

Students need to be informed about their financial responsibilities today and to prepare for the real choices ahead. In this course they will learn about career decisions, money management, financial security, credit management, resource management, risk management, and consumer rights and responsibilities. Students will learn budgeting, taxation, insurance, real estate, retirement planning, and the effective and efficient use of credit. The implementation of the ideas, concepts, and skills contained in this course will enable students to implement those decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society. This course will satisfy the AFUHSD graduation requirements for graduation. Prerequisite: Algebra II

## PHYSICAL EDUCATION

GRADUATION REQUIREMENT: THE DISTRICT GRADUATION REQUIREMENT IS (1) CREDIT OF PHYSICAL EDUCATION. A PASSING GRADE IN MARCHING BAND, DANCE, JROTC, OR OTHER PHYSICAL EDUCATION CLASS IS USED FOR ONE CREDIT OF PHYSICAL EDUCATION.

### **PHY0500 PHYSICAL EDUCATION\* A/B**

This class consists of physical education activities. Awareness of personal health, nutrition, and lifetime activities are emphasized. Students must wear appropriate clothes for physical education. This course satisfies the required physical education for graduation. Students are required to dress in appropriate clothes for activity.

### **PHY0520 LIFETIME FITNESS**

Students will participate in a variety of aerobic and physical activities not currently included in Sport and PE. Activities will include aerobics, step aerobics, tae-bo, yoga, Pilates and non-contact sports. Emphasis is placed on lifetime fitness and healthy eating. This course may be repeated for credit. While personal development has been the primary physical education class required for graduation credit and every effort should be made to schedule freshmen in personal development, one-half credit of Lifetime Fitness and one-half credit of Edgenuity online Health may be used for the required personal development course credit. Students are required to dress in appropriate clothes for activity.

### **PHY0530 SPORT AND PHYSICAL FITNESS**

Students participate in a variety of individual, dual, and team sports. Some activities such as swimming, bowling, and golf may require off campus travel and a small fee. All activities except contact sports are taught coeducational. Emphasis is placed on teamwork, sportsmanship, and strategy. While personal development has been the primary physical education class required for graduation credit and every effort should be made to schedule freshmen in personal development, one-half credit of Sport and Physical Fitness and one-half credit of Edgenuity online Health may be used for the required personal development course credit. This course may be repeated for credit. **PE uniform required.**

### **PHY0540 ADAPTIVE PHYSICAL EDUCATION A/B**

Students participate in physical activities that allow them to develop as fully as possible. On an individual basis, physical activities are provided which the student can utilize and enjoy in later years. All activities except contact sports are taught coeducationally. This course may be repeated for credit. Prerequisite: Physician's recommendation or Special Education I.E.P. requirement. Students are required to dress in appropriate clothes for activity.

### **PHY0590 ADVANCED PE**

The course is recommended but not required for all athletes participating in an official school team. This course is designed to enhance student physical development within an athletic team environment. Students will focus on a variety of strategies, techniques, concepts, and movements specific to the athletic course of study. Students enrolled in the course receive an elective credit. While Personal Development has been the primary physical education class required for graduation credit and every effort should be made to schedule freshmen in Personal Development, one-half credit of Advanced PE and one-half credit of Edgenuity online Health may be used for the required Personal Development course credit. This course may be repeated for credit. Students are required to dress in appropriate clothes for activity.

### **PHY0600 STRENGTH AND CONDITIONING**

Strength and Conditioning is a class designed to enhance one's body and self-image through all five components of physical fitness. All students use a variety of conditioning equipment and free weights. All students will develop their physical strength, quickness, agility, and flexibility through weight training and developmental activities. While Personal Development has been the primary physical education class required for graduation credit and every effort should be made to schedule freshmen in Personal Development, one-half credit of Strength and Conditioning - and one-half credit of Edgenuity online Health may be used for the required Personal Development course credit. This course may be repeated for credit. Students are required to dress in appropriate clothes for activity.

**PHY0610      UNIFIED SPORTS PE**

This course is based on the Special Olympics Unified Sports® Program. Unified Sports® combines students with intellectual disabilities (athletes) and students without disabilities (partners) for sports training and competition. Unified Sports® creates unique teammate bonds through sports experiences. These experiences create a culture of inclusion and foster understanding among students of all abilities. The sports may include but not be limited to basketball, flag football, floor hockey, soccer, bocce ball, swimming, bowling, track, and volleyball. Students will have the opportunity to compete in Special Olympics Area and State Games. Prerequisite: Personal Development

## SCIENCE

GRADUATION REQUIREMENT: THE DISTRICT GRADUATION REQUIREMENT IN SCIENCE IS THREE LAB SCIENCE CREDITS. PLEASE SEE YOUR COUNSELOR FOR POST-SECONDARY PLANNING. An asterisk \* indicates that there is an online version of this course available. Online course numbers/descriptions are in the ONLINE section of this Course Description Book.

The following are the pathways students can follow in order to meet all 28 essential standards. Students may take additional science courses (and are encouraged to take an additional lab science their senior year) but must follow one of these pathways to meet minimum requirements. Core lab sciences are essential for college/university acceptance.

The following are visuals of the different options for science pathways:

### [Science Pathways](#)

#### **SCI17000 ENVIRONMENTAL SCIENCE\* A/B**

Environmental Science is a laboratory and field-based course, which is interdisciplinary in nature. The course utilizes concepts and skills from life science, earth science and physical science, with an emphasis on the impact of human populations on natural systems. The course topics include ecology, environmental types, natural resources, energy flow, human populations and human impact on environmental systems.

#### **SCI7170 AP ENVIRONMENTAL SCIENCE A/B**

AP Environmental Science is a college level course. Topics to be studied include evolution, speciation, biodiversity, interaction within ecosystems, and a wide variety of environmental problems including pollution, uncontrolled population growth, and landscape alteration by humans. AP Environmental Science prepares students for, and students are expected to take, the AP Environmental Science exam. Recommended Prerequisites: Biology or Principles of Science (can be superseded by teacher recommendation). Fee required.

#### **SCI7030 BIOLOGY\* A/B**

This course provides an understanding of biological processes and principles. Topics include the structure and functions of living things, genetics and ecology. Reading of reports from scientific material other than the textbooks is required.

#### **SCI7040 HONORS BIOLOGY A/B**

This honors level course provides an understanding of biological processes and principles. Topics include the structure and functions of living things, genetics and ecology. Reading of reports from scientific material other than the textbook is required. Students entering Honors Biology have above average scientific abilities and can handle the rigor of an honors level course.

#### **SCI7050 AP BIOLOGY A/B**

This is a college level course designed to enable the student to obtain a deeper and broader understanding about living things and their functions. Reading assignments are made from many sources, and several research projects are assigned. AP Biology prepares students for, and students are expected to take the AP Biology Examination. Recommended Prerequisite: Biology or Principles of Science (can be superseded by teacher recommendation). Fee Required.

#### **SCI7060 EARTH AND SPACE SCIENCE\* A/B**

Earth Science is designed for the student who has a higher interest and achievement level in science. The course contains meteorology, astronomy, geology, and environmental studies. The purpose of the course is to give the student a better understanding of the physical and earth sciences.

**SCI7070 FORENSIC SCIENCE A/B**

Forensics Science offers a unique framework for a combination of principles from biology, chemistry, and physics, as well as understanding of how scientific principles are handled within the legal system. The course will develop an understanding of various types of forensic evidence and their analysis within a laboratory setting, combined with real-life case studies and an emphasis on team collaboration, similar to how Crime Scene Investigation Teams analyze case evidence to draw a conclusion. The course is designed for students with an interest in Forensics, Law Enforcement, Chemistry, and those wishing to pursue a legal career.

**SCI7080 CHEMISTRY\* A/B**

Chemistry places emphasis on mathematical formulas, atomic history, problem solving, dimensional analysis and laboratory procedures. In the laboratory, students learn basic laboratory procedures and techniques; the laboratory provides an opportunity to illustrate the concepts discussed in class and in literature. A scientific calculator is strongly recommended. Recommended Prerequisites: Algebra I, Biology and/or Principles of Science

**SCI7090 HONORS CHEMISTRY A/B**

Honors Chemistry is a first year course in chemistry that explores in greater depth the concepts presented in Chemistry. Additionally, this course will teach acids, bases, solutions, stoichiometry, gas laws and bonding. A scientific calculator is strongly recommended. Recommended Prerequisites: Algebra I, Biology and/or Principles of Science.

**SCI7100 AP CHEMISTRY A/B**

Advanced Placement Chemistry is a college level course designed to cover concepts in chemistry. Laboratory work and theoretical and mathematical concepts of chemistry are emphasized. The student is required to have a scientific calculator. The student will be required to keep a permanently bound lab book. AP Chemistry prepares students for and students are expected to take the AP Chemistry exam. Recommended Prerequisites\*: Chemistry and Algebra 2 (\*can be superseded by teacher recommendation). Fee required. Scientific calculator.

**SCI7110 CONCEPTUAL PHYSICS\* A/B**

Conceptual Physics is a course for teaching first year physics with more emphasis on concept development and how the concepts apply the students' experiences and the world around them than on physics as a rigorous applied math course. Recommended Prerequisite: Algebra I

**SCI720 HONORS PHYSICS A/B**

Honors Physics consists of the study of matter and energy and their interrelationship. This is achieved through classroom discussion, lecture, and laboratory investigation. The student is required to have a calculator. Mathematics is used extensively in the development and treatment of Physics concepts. Recommended Prerequisites: Geometry, Algebra II

**SCI7130 AP PHYSICS C: MECHANICS A/B**

Advanced Placement Physics is a college level course using trigonometry and algebra to develop mechanics, thermodynamics, sound, light, electricity and magnetism, and modern and nuclear physics. It is a comprehensive physics course using a college textbook and is recommended for those who intend to major in the sciences and/or mathematics. The students are expected to take the AP Physics exam. Although having taken a previous physics class is not required, it is highly recommended. Students should have taken or be concurrently enrolled in Calculus. AP Physics C: Mechanics prepares students for, and students are expected to take the AP Physics C: Mechanics Examination. Recommended Prerequisite: Pre-Calculus. Fee required.

**SCI7140 AP PHYSICS C: ELECTRICITY & MAGNETISM A/B**

The new course is the continuation of the present AP Physics C: Mechanics. The course covers the fundamentals of electricity and magnetism and follows the AP Physics curriculum from the College Board. The course is Calculus based. AP Physics C: Electricity & Magnetism prepares students for, and students are expected to take the AP Physics C: Electricity & Magnetism Examination. Recommended Prerequisites: AP Physics C: Mechanics, Calculus I. Fee required.

**SCI7150 HONORS ANATOMY AND PHYSIOLOGY A/B**

Honors Anatomy and Physiology is designed for the student who is seriously interested in the medical fields. It will focus on the anatomy and physiology of the human body covering most of the major systems of the body. This course will have an emphasis in structure and function as well as interrelationships between the body systems. Anatomy and Physiology does meet the Arizona requirements as a lab science. Prerequisite: Biology. Fee required.

**SCI7260 IB BIOLOGY A/B**

Millennium High School offers IB Biology SL. This one-year course is designated for a student of facts, principles, and processes of the science of biology. Emphasis is placed on experimental processes and writing laboratory reports as a way to apply scientific facts, concepts, and terminology. Students will also understand the moral, ethical, social-economic, and environmental implications on a global scale as it applies to biological processes and principles. It is expected the student will take the IB Biology SL exam upon completion of this course. This course is part of the IB Diploma and Course Programs. Prerequisite: Honors Biology and Honors Chemistry. Fee required.

**SCI7190 IB PHYSICS 1 A/B**

Millennium High School offers IB Physics SL/HL. IB Physics 1 is the first year of this two-year course that will allow students to study a science subject to become aware of how scientists work and communicate with each other. Through the overarching theme of the "Nature of Science" this knowledge and skills will be put into the context of the way science and scientists work in the 21st Century and the ethical debates and limitations of creative scientific endeavor. This course is part of the IB Diploma and Course Programs. Prerequisite: Concurrent enrollment in Honors Pre-Calculus or higher. Fee required.

**SCI7370 IB PHYSICS 2 A/B**

IB Physics 2 is the second year of IB Physics 1. Students who enroll in IB Physics 2 are expected to complete either the IB Physics SL or HL exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Prerequisite: IB Physics 1. Fee required.

**SCI7200 IB CHEMISTRY 1 A/B**

Millennium High School offers IB Chemistry SL/HL. IB Chemistry 1 is the first year of this two-year course that is designed to expand on the knowledge and experimental skills obtained in Chemistry and to prepare the student for further study of pure and applied sciences in higher education. It will also help the student to develop the ability to analyze scientific literature critically and to develop manipulative and experimental skills necessary to perform college-level scientific investigations. Topics include stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. This course is part of the IB Diploma and Course Programs. Prerequisite: Honors Biology and Honors Chemistry. Scientific calculator required. Fee required.

**SCI7380 IB CHEMISTRY 2 A/B**

IB Chemistry 2 is the second year of IB Chemistry 1. Students who enroll in IB Chemistry 2 are expected to complete either the IB Chemistry SL or HL exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Scientific calculator required. Prerequisite: IB Chemistry 1. Fee required.

**SCI7220 IB SPORTS, EXERCISE AND HEALTH SCIENCE A/B**

Millennium High School offers IB Sports, Exercise, and Health Science SL. This one-year course involves the study of the science that underpins physical performance. The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology, and nutrition. Students cover a range of topics and carry out practical (experimental) investigations in both laboratory and field settings. This course is a lab science course. This course is part of the IB Diploma and Course Programs. Prerequisites: Honors Anatomy & Physiology, Sports Medicine I, or instructor approval. Fee required.

**SCI7330 AP PHYSICS I: ALGEBRA BASED A/B**

This is an algebra-based introductory college level physics course. Students cultivate their understanding of physics through inquiry based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. Concurrently enrolled in Algebra II. Fee required.

**SCI7340 AP PHYSICS II, ALGEBRA BASED A/B**

This is an algebra based introductory college level course. Students cultivate their understanding of physics through inquiry based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. Fee required.

**SCI7350 PRINCIPLES OF SCIENCE A/B**

Principles of science is an integrated course focused on foundational skills and content for various specific fields. The course will explore life science, earth, and space science as well as physical science. Students explore principles related to introductory life science, earth and space science, and physical science in an accelerated/in-depth way. These concepts and skills are intended to be taught in an integrated way so as to understand the connections and interrelatedness of the scientific disciplines.

**SCI7360 HONORS PRINCIPLES OF SCIENCE A/B**

This honors level course focuses on foundational skills and content for various scientific fields. The course will explore life science, earth, and space science as well as physical science. Students explore principles related to introductory life science, earth and space science, and physical science in an accelerated/in-depth way. These concepts and skills are intended to be taught in an integrated way so as to understand the connections and interrelatedness of the scientific disciplines.

**SCI7250 PHYSICAL SCIENCE A/B**

Physical science is a course designed to act as an integrated version of the traditional chemistry and physics courses. The course is designed to incorporate natural phenomena and explore the connections between those physical phenomena and the science that underlies them. The course will cover all of the essential physical science courses as outlined in the state science standards.

## SOCIAL SCIENCE

GRADUATION REQUIREMENT: THE DISTRICT GRADUATION REQUIREMENT IN SOCIAL SCIENCE IS THREE CREDITS (WORLD HISTORY, AMERICAN/ARIZONA HISTORY, AND AMERICAN/ARIZONA GOVERNMENT AND FREE ENTERPRISE [ECONOMICS]). An asterisk \* indicates that there is an Online version of this course available. Online course numbers/descriptions are in the ONLINE section of this course description book.

### **SOC8010 WORLD HISTORY\* A/B**

The development and spread of civilizations throughout the world is studied. Students gain an understanding of how the environment influences cultures and how people affect or change the environment. Major changes in the historical development of nations are stressed.

### **SOC8020 AP WORLD HISTORY A/B**

The World History course is designed to develop a deeper understanding of the evolution of global processes and contacts in different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature and changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes the relevant factual knowledge, leading interpretive issues, and skill analyzing types of historical evidence. Periodization, explicitly discussed, forms an organizing principle to address change and community throughout the course. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that are at the core of world history as a field of study. AP World History prepares students for, and students are expected to take the AP World History Examination.

### **SOC8030 AMERICAN AND ARIZONA HISTORY\* A/B**

American and Arizona History explores the foundation of western culture in Europe and the American and Arizona heritages. Government, economics, religious and social life from the colonial period to the present is studied. Emphasis is placed on leaders, ideals, sacrifices, struggles, and the successes in the building of our state and nation in the 20th Century.

### **SOC8040 AP US HISTORY A/B**

The AP program in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Students should learn to assess historical material, their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. An AP United States History course should develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. AP US History prepares students for, and students are expected to take the AP US History Examination.

### **SOC8050 AMERICAN/ARIZONA GOVERNMENT AND FREE ENTERPRISE\* A/B**

Through the exploration, discussion, analysis, and evaluation of state, national, and international political and economic systems, students will develop a basic knowledge, an increased understanding, and an appreciation of the American government and the free enterprise system. Current events are emphasized in order to improve student understanding and increase participation within the system.

### **SOC8060 AP GOVERNMENT & POLITICS: UNITED STATES/FREE ENTERPRISE A/B**

The Advanced Placement Government & Politics: United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. AP Government & Politics: United States prepares students for, and students are expected to take the AP Government & Politics: United States Examination.

**SOC8070 PSYCHOLOGY\***

Psychology introduces the student to the principles of human and animal behavior. The course emphasizes the study of the techniques and application of the various approaches to psychology. This course also investigates an enormous range of phenomena including learning and memory, motivation and emotion, personality and social behavior. Elective course.

**SOC8130 AP PSYCHOLOGY A/B**

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. AP Psychology prepares students for, and students are expected to take the AP Psychology Examination. Elective course. This course follows a College Board approved syllabus and may cover sensitive and/or mature topics.

**SOC8080 SOCIOLOGY**

Sociology is the study of human society, its origins, functions, and problems. It focuses on relations among people, groups, classes, organizations, and cultures. Sociology explores and analyzes issues vital to our personal lives, our communities, our nation, and the world. As students of sociology, you will be invited to set aside your private views of the world in order to see more clearly and objectively the social forces that shape and control your lives. Students will be introduced to the methods by which knowledge is obtained, and may look at the results of research on such diverse topics as the family, religion, education, politics, gender roles, popular culture, and crime.

**SOC8090 GERMANY AND THE SOVIET UNION**

This course provides an in-depth study of the history of Germany and the Soviet Union from 1900 to 1950 with specific emphasis upon the rise to power and the reigns of Hitler and Stalin. Elective course.

**SOC8100 WORLD RELIGIONS**

This is a non-judgmental overview of the beliefs and history of the major religions of the world. Although ideas and practices are compared and contrasted, there are no attempts to find any religion "superior" or to change any personal religious beliefs. A compare/contrast project is required. Elective course.

**SOC8110 IB HISTORY 1 A/B**

Millennium High School offers IB History HL: History of the Americas and 20th Century World Topics. IB History 1 is the first year of a two-year course of selected World History topics chosen to prepare the student for the Higher Level Examination in history at the end of two years of study. Emphasis is placed on selected topics in the History of the Americas, Causes, Practices, and Effects of 20th Century Wars, The Cold Wars, and The Decline of Communism. Additional topics include economic developments and social change in the twentieth century. Students are required to demonstrate critical writing skills, the ability to work with historical documents, and knowledge of historiography. This course is part of the IB Diploma and Course Programs.

**SOC8250 IB HISTORY 2 A/B**

IB History 2 is the second year of IB History 1. Students who enroll in IB History 2 are expected to complete either the IB History SL or HL exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Prerequisite: IB History 1.

**SOC8120 IB PSYCHOLOGY 1 A/B**

Millennium High School offers IB Psychology SL/HL. The first year of a two-year course that will be an intense focus on four major theoretical perspectives: Biological, Behavior, Cognitive, and Humanistic. The focus will be on the analysis of the philosophical roots, supportive and critical research, internal and external variants, prediction, and control. This course is part of the IB Diploma and Course Programs.

**SOC8260      IB PSYCHOLOGY 2 A/B**

IB Psychology 2 is the second year of IB Psychology 1. The second-year IB students will rigorously implement the attitude and methodology necessary to the science of psychology. Content will focus on the psychodynamic perspective and the origin, nature, and treatment of mental disorders. Students who enroll in IB Psychology 2 are expected to complete either the IB Psychology SL or HL exam in consultation with the teacher. This course is part of the IB Diploma and Course Programs. Prerequisite: IB Psychology 1.

**SOC8000      AP HUMAN GEOGRAPHY A/B**

This Advanced Placement course is designed to develop a deeper understanding of Geography and its nature and perspectives, population and migration, cultural patterns and processes, political organization of space, agriculture, food production and rural land use, industrialization and economic development and cities and urban land use. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course emphasizes the interpretation of maps and analyzing geospatial data, understanding the implications of associations and networks among phenomena in places, recognizes and the interpretation of the relationships among patterns and processes at different scales of analysis, defining regions and evaluate the regionalization process and well as the characterization and analyzing the changing interconnections among places. AP Human Geography prepares students for, and students are expected to take the AP Human Geography Examination. Elective course.

**SOC8240      AP MACROECONOMICS**

An introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, models, and policies.

**SOC8340      SEI US HISTORY**

This course will address content and language acquisition for our EL students who have a grade level reading ability. The course will develop language acquisition through the lens of American and Arizona History. American and Arizona History explores the foundation of western culture in Europe and the American and Arizona heritages. Government, economics, religious and social life from the colonial period to the present is studied. Emphasis is placed on leaders, ideals, sacrifices, struggles, and the successes in the building of our state and nation in the 20th Century.

# ONLINE

## AGUA FRIA ONLINE (AFO)

\*includes campus-based Original Credit (OC)

### PROGRAMS AT A GLANCE

(Not all courses are staffed each semester.)

				Course #	Name of GradeCourse	Credit	Prerequisite	*School					Page
9	10	11	12					A	C	D	M	V	
ENGLISH													
✓	✓	✓	✓	ENG6000	English I A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	ENG6010	Honors English I A/B	0.5/0.5		✓	✓	✓	✓	✓	
	✓	✓	✓	ENG6020	English II A/B	0.5/0.5		✓	✓	✓	✓	✓	
	✓	✓	✓	ENG6030	Honors English II A/B	0.5/0.5		✓	✓	✓	✓	✓	
		✓	✓	ENG6040	English III A/B	0.5/0.5		✓	✓	✓	✓	✓	
		✓	✓	ENG6410	Honors English III A/B	0.5/0.5		✓	✓	✓	✓	✓	
		✓	✓	ENG6050	AP Language & Composition A/B	0.5/0.5							
			✓	ENG6060	English IV A/B	0.5/0.5		✓	✓	✓	✓	✓	
			✓	ENG6420	Honors English IV A/B	0.5/0.5		✓	✓	✓	✓	✓	
			✓	ENG6070	AP Literature & Composition A/B	0.5/0.5							
✓	✓	✓	✓	ENG6430	Intro to Communications & Speech	0.5		✓	✓	✓	✓	✓	
FINE ARTS													
	✓	✓	✓	FIN5740	Art History I A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	FIN5470	Fundamentals of Art	0.5/0.5		✓	✓	✓	✓	✓	
INTER-DEPARTMENTAL													
✓	✓	✓	✓	IDP0480	Strategies for Academic Success	0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	IDP0490	Online Learning & Digital Citizenship	0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	IDP0500	Personal Finance	0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	IDP0520	Business Management I A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	IDP0530	Business Management II A/B	0.5/0.5	Business Management I	✓	✓	✓	✓	✓	

**Note: AFO courses, if taken as an enrolled AFO student's regular 6 course schedule, are to be factored in the GPA and can be utilized for grade replacement. Additional courses beyond the 6 scheduled courses will not factor in the GPA.**

**\*Campus-based Original Credits (OC) are taken outside the academic day and are not calculated in the GPA.**

**Note: Not all classes may be offered each semester**

AGUA FRIA ONLINE (AFO)													
*includes campus-based Original Credit (OC)													
PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	*School					Page
9	10	11	12					A	C	D	M	V	
INTERNATIONAL LANGUAGES													
✓	✓	✓	✓	LAN9000	Spanish I A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	LAN9010	Spanish II A/B	0.5/0.5	Spanish I/placement test	✓	✓	✓	✓	✓	
✓	✓	✓	✓	LAN9020	Honors Spanish III A/B	0.5/0.5	Span II/placement test	✓	✓	✓	✓	✓	
✓	✓	✓	✓	LAN9060	French I A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	LAN9070	French II A/B	0.5/0.5	French I/placement test	✓	✓	✓	✓	✓	
✓	✓	✓	✓	LAN9080	Honors French III A/B	0.5/0.5	French II/placement test	✓	✓	✓	✓	✓	
MATH													
✓	✓	✓	✓	MAT4010	Algebra I A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓			MAT4020	Honors Algebra I A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	MAT4030	Geometry A/B	0.5/0.5	Algebra I (H) or corequisite	✓	✓	✓	✓	✓	
✓	✓	✓	✓	MAT4040	Honors Geometry A/B	0.5/0.5	Algebra I (H) or corequisite	✓	✓	✓	✓	✓	
✓	✓	✓	✓	MAT4050	Algebra II A/B	0.5/0.5	Algebra I (H) or Geometry	✓	✓	✓	✓	✓	
✓	✓	✓	✓	MAT4060	Honors Algebra II A/B	0.5/0.5	Algebra I (H) or Geometry	✓	✓	✓	✓	✓	
	✓	✓	✓	MAT4340	Pre-Calculus A/B	0.5/0.5	Algebra II (H)	✓	✓	✓	✓	✓	
	✓	✓	✓	MAT4100	Honors Pre-Calculus A/B	0.5/0.5	Algebra II (H)	✓	✓	✓	✓	✓	
		✓	✓	MAT4350	Statistics A/B	0.5/0.5	Algebra II (H)	✓	✓	✓	✓	✓	
			✓	MAT4200	Financial Literacy A/B	0.5/0.5	May be concurrent w/Algebra II	✓	✓	✓	✓	✓	
		✓	✓	MAT4160	AP Statistics A/B	0.5/0.5	Algebra II/Geometry A/B						
	✓	✓	✓	MAT4120	AP Calculus AB A/B	0.5/0.5	Pre-Calculus or higher						

PHYSICAL EDUCATION													
✓	✓	✓	✓	PHY0520	Lifetime Fitness	0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	PHY0510	Health	0.5		✓	✓	✓	✓	✓	
✓				PHY0500	Personal Development A/B	0.5/0.5	Equivalent to Personal Dev.	✓	✓	✓	✓	✓	
Note: Not all classes may be offered each semester.													
AGUA FRIA ONLINE (AFO) / DISTANCE LEARNING (DL)													
*includes campus-based Original Credit (OC)													
PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	*School					Page
								A	C	D	M	V	
SCIENCE													
✓	✓	✓	✓	SCI7030	Biology A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	SCI7040	Honors Biology A/B	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	SCI7250	Physical Science A/B	0.5/0.5		✓	✓	✓	✓	✓	
	✓	✓	✓	SCI7080	Chemistry A/B	0.5/0.5	Algebra I, Biology/Physical Sci	✓	✓	✓	✓	✓	
	✓	✓	✓	SCI7090	Honors Chemistry A/B	0.5/0.5	Algebra I, Biology/Physical Sci	✓	✓	✓	✓	✓	
	✓	✓	✓	SCI7060	Earth & Space Science A/B	0.5/0.5		✓	✓	✓	✓	✓	
	✓	✓	✓	SCI7000	Environmental Science A/B	0.5/0.5		✓	✓	✓	✓	✓	
	✓	✓	✓	SCI7170	AP Environmental Science A/B	0.5/0.5	Biology/Physical Science						
	✓	✓	✓	SCI7400	Physics A/B	0.5/0.5	Algebra I	✓	✓	✓	✓	✓	
	✓	✓	✓	SCI7120	Honors Physics A/B	0.5/0.5	Algebra II, Geometry A/B	✓	✓	✓	✓	✓	
SOCIAL SCIENCE													
	✓	✓	✓	SOC8010	World History A/B	0.5/0.5		✓	✓	✓	✓	✓	
	✓	✓	✓	SOC8330	Honors World History A/B	0.5/0.5		✓	✓	✓	✓	✓	
	✓	✓	✓	SOC8020	AP World History A/B	0.5/0.5							
		✓	✓	SOC8030	American/Arizona History A/B	0.5/0.5		✓	✓	✓	✓	✓	
		✓	✓	SOC8320	Honors American/Arizona History A/B	0.5/0.5		✓	✓	✓	✓	✓	
		✓	✓	SOC8040	AP U.S. History A/B	0.5/0.5							

			✓	SOC8290/SO C8280	American/Arizona Government/Free Enterprise A/B	0.5/0.5		✓	✓	✓	✓	✓	
			✓	SOC8310/SO C8300	Honors American/Arizona Government/Free Enterprise A/Bt	0.5/0.5		✓	✓	✓	✓	✓	
✓	✓	✓	✓	SOC8000	AP Human Geography A/B	0.5/0.5							
	✓	✓	✓	SOC8070	Psychology A/B	0.5/0.5		✓	✓	✓	✓	✓	
	✓	✓	✓	SOC8130	AP Psychology A/B	0.5/0.5							

AGUA FRIA ONLINE (AFO)														
*includes campus-based Original Credit (OC)														
PROGRAMS AT A GLANCE														
Grade				Course #	Name of Course	Credit	Prerequisite	*School					Page	
9	10	11	12					A	C	D	M	V		
CAREER AND TECHNICAL EDUCATION (CTE)														
✓	✓	✓	✓	CTE2890	Career Management	0.5		✓	✓	✓	✓	✓		
	✓	✓	✓	CTE2920	Intro to Careers in Finance	0.5		✓	✓	✓	✓	✓		
	✓	✓	✓	CTE2880	Business Law	0.5		✓	✓	✓	✓	✓		
	✓	✓	✓	CTE2930	Intro to Computer Science A/B	0.5/0.5		✓	✓	✓	✓	✓		
✓	✓	✓	✓	CTE2900	Career Planning & Development A/B	0.5/0.5		✓	✓	✓	✓	✓		
	✓	✓	✓	CTE2910	Intro Careers in Education/Training	0.5		✓	✓	✓	✓	✓		
Note: Not all classes may be offered each semester.														

# Agua Fria Online (AFO)/Distance Learning (DL)

(COURSEWORK FOR AFO/DL PROVIDED THROUGH EDGENUITY)

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### **ENTRANCE REQUIREMENTS**

#### **Full-Time Attendance:**

Students may attend Agua Fria Online full-time, if they live within the Agua Fria Union High School District boundaries, are age appropriate for high school, and grade-level credit current. In order to register for Agua Fria Online, students must have withdrawn from their home campus, and [follow these steps](#) for Agua Fria Online enrollment. Before enrolling for a full time online schedule we strongly recommend a conference with the student's home campus counselor prior to withdrawal from the campus school to ensure a full-time online learning program is an appropriate placement. The conference with the counselor will review the student's transcript, four-year graduation plan, and make a determination of appropriateness for an online only learning schedule.

In order to be enrolled at Agua Fria Online, the AFUHSD requires students to agree to the requirements below:

- AFO students will follow the pacing guide and complete all classes within the timeline established by the Edgenuity program and the faculty/staff of AFO.
- AFO students must demonstrate sufficient academic achievement by remaining credit current for an on-time graduation. Failure to do so can result in a student being placed on academic probation and/or withdrawn from AFO.
- AFO students must login on a daily basis during the school week. Failure to login without an excusal from the parent/guardian for ten consecutive days (two school weeks) will result in withdrawal from the AFO program.

- Excessive absences (ten or more per semester) may result in a student being placed on academic probation. Failure to meet the terms of academic probation can lead to withdrawal from the AFO program.
- **All AFUHSD students, including AFO students, must participate in Arizona State-Mandated and AFUHSD District-Mandated Testing. This testing will be in-person.** Failure to do so may result in student courses being disabled until the testing is completed and can result in withdrawal from the AFO program.
- All AFO students are required to participate in state and district-mandated activities related to Education and Career Action Plans (ECAP's) and other college and career readiness activities. Failure to do so may result in courses being disabled until the activity has been completed. These activities are required for graduation check-out and students will not be cleared for graduation until they are complete.

### **Campus-Based Original Credit (OC)**

Students who are currently attending an AFUHSD school and would like to take an additional course are eligible to do so as an **online** campus based original credit. Students will be able to have up to one credit at a time loaded on their online Edgenuity account. If they would like to earn additional credits, they may do so after the previous credit has been completed. These processes will originate with the student's counselor, who will submit an enrollment form for campus based original credit.

### **SEMESTER DATES**

Students attending AFO will follow the same learning calendar as campus based students.

Students taking a course through AFO, but maintaining a full time schedule at their home campus will have until the last day of Summer School to finish their courses. While attending AFO, students' daily schedules are up to them, however students will be required to complete their semester prior to the start of the following semester. Students who do not complete their courses by the semester deadlines risk falling behind and may no longer be eligible to continue their learning online.

### **COURSES OFFERED**

While we intend to offer all of the following courses, we will be limited as the program grows. All standard core classes will be offered (Honors and AP courses are not available for all standard courses).

[Edgenuity's Course Catalog](#)

[AFO Course List](#)

### **GRADUATION REQUIREMENTS**

All students in the Agua Fria Union High School District are held to the same graduation requirements.

**AFUHSD GRADUATION REQUIREMENTS**

**ARIZONA BOARD OF REGENTS (ABOR)\***

<p>A total of 22 credits are required for the 2024-2025 school year for graduation. These credits shall be earned as follows:</p>	<p>The Arizona Board of Regents outlines academic competency required for entrance into Arizona universities. Minimum requirements in the content areas below are as follows:</p>
<p><b>English</b> <b>4 credits</b> English IA/B, English IIA/B, English IIIA/English IIIB, English IV A/English IV B</p>	<p><b>English</b> <b>4 credits</b> (1-2, 3-4, 5-6, 7-8)</p>
<p><b>Mathematics</b> <b>4 credits</b> Algebra 1A/Algebra IB, Geometry A/B, Algebra IIA/Algebra IIB, and one additional math course that includes significant mathematics content.</p>	<p><b>Mathematics</b> <b>4 credits</b> (Algebra 1-2, Geometry 1-2, Algebra 3-4, and one additional math course with Algebra 3-4 as a prerequisite)</p>
<p><b>Science</b> <b>3 credits</b> <i>Three (3) lab science courses - see pathway section for options.</i></p>	<p><b>Lab Science</b> <b>3 credits</b> Three lab science courses</p>
<p><b>Options</b> <b>Social Science</b> <b>3 credits</b> (World History, Am/AZ History, Government/Free Enterprise)</p>	<p><b>Social Science</b> <b>2 credits</b> (U.S. History and one other)</p>
<p><b>Personal Development (P.E. &amp; Health)</b> <b>1 credit</b></p>	<p><b>*International Languages</b> <b>2 credits</b> (of the same language)</p>
<p><b>*International Languages</b> <b>1 credit</b></p>	<p><b>*Fine Arts or CTE</b> <b>1 credit</b></p>
<p><b>*Fine Arts or CTE</b> <b>2 credits</b></p>	
<p><b>Electives</b> <b>4 credits</b></p>	
<p><b>22 total credits</b></p>	

## STUDENT PROGRESS EXPECTATIONS

Students are expected to complete their courses each semester. Students who do not finish their courses each semester are at risk for remaining credit current. Students who are not credit current may not continue with a full time AFO schedule and may return to their home campus the following semester or sooner.

## ASSESSMENTS

Agua Fria Online students are required to participate in Arizona State-Mandated and AFUHSD District- Mandated Testing. This testing **will be in-person**. Failure to do so may result in **student courses being disabled until the testing is completed** and can result in withdrawal from AFO.

All AFO online courses have final exams that must be taken using a district issued device while logged in to GoGuardian during the exam.

## **INFORMATION FOR PARENTS**

Online learning is different from learning in person. Students will not have a set daily class schedule, but there are still deadlines to complete courses. Students will also not have as immediate access to teachers as they had when learning on campus. Contact with teachers will be scheduled, and through correspondence. Credits earned from AFO meet AFUHSD graduation requirements. Post-secondary schools have a variety of entrance requirements; check with those schools for specific requirements.

## **STUDENT PRIVACY**

Students can expect all privacy protections under the [Family Educational Rights and Privacy Act](#) (FERPA) (20 U.S.C. §1232g; 34 CFR Part 99). Students should expect all digital traffic on AFUHSD devices and networks accessible to AFUHSD.

## **IT USER AGREEMENT**

Students attending AFO must use an AFUHSD issued device for final exams. Each student is issued a device shortly after enrollment. In order to be issued the device, students/parents are responsible to follow certain acceptable uses:

- A.** Use the educational information services (EIS) to support personal educational objectives consistent with the educational goals and objectives of the School District.
- B.** Agree not to submit, publish, display, or retrieve any defamatory, inaccurate, abusive, obscene, profane, sexually oriented, threatening, racially offensive, or illegal material.
- C.** Abide by all copyright and trademark laws and regulations.
- D.** Not reveal home addresses, personal phone numbers or personally identifiable data unless authorized to do so by designated school authorities.
- E.** Understand that electronic mail or direct electronic communication is not private and may be read and monitored by school employed persons.
- F.** Not use the network in any way that would disrupt the use of the network by others.
- G.** Not use the EIS for commercial purposes.
- H.** Follow the District's code of conduct.
- I.** Not attempt to harm, modify, add/or destroy software or hardware nor interfere with system security.
- J.** Understand that inappropriate use may result in cancellation of permission to use the educational information services (EIS) and appropriate disciplinary action up to and including expulsion for students.

You may find more information in [Board Policy IJNDB](#).

The School District specifically denies any responsibility for the accuracy of information. While the District will make an effort to ensure access to proper materials, the user has the ultimate responsibility for how the electronic information services (EIS) is used and bears the risk of reliance on the information obtained.

I have read and agree to abide by the School District policy and regulations on appropriate use of the electronic information system, as incorporated herein by reference.

I understand and will abide by the provisions and conditions indicated. I understand that any violations of the above terms and conditions may result in disciplinary action and the revocation of my use of information services.

Name \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_  
(Student or employee)

School \_\_\_\_\_ Grade (if a student) \_\_\_\_\_  
Note that this agreement applies to both students and employees.

The user agreement of a student who is a minor must also have the signature of a parent or guardian who has read and will uphold this agreement.

Parent or Guardian Cosigner

As the parent or guardian of the above named student, I have read this agreement and understand it. I understand that it is impossible for the School District to restrict access to all controversial materials, and I will not hold the District responsible for materials acquired by use of the electronic information services (EIS). I also agree to report any misuse of the EIS to a School District administrator. (Misuse may come in many forms but can be viewed as any messages sent or received that indicate or suggest pornography, unethical or illegal solicitation, racism, sexism, inappropriate language, or other issues described in the agreement.)

I accept full responsibility for supervision if, and when, my child's use of the EIS is not in a school setting. I hereby give my permission to have my child use the electronic information services.

Parent or Guardian Name (print) \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

## **STUDENT CODE OF CONDUCT**

The AFUHSD Student Code of Conduct applies in full for all non-traditional students, including AFO students, and consequences can be administered according to the guidelines in the Student Rights and Responsibilities Handbook. All AFUHSD students are required to wear school identification cards while on campus. Refer to the Student Handbook, Rights & Responsibilities for details.

## **PLAGIARISM & AI USE ONLINE**

Whether intentional or not, students caught plagiarizing in an online class for the first time will have that class put on hold, and the student will be provided an additional opportunity to learn about citing sources. an Academic Integrity Online Reflection. Upon completion of the additional learning opportunityAcademic Integrity Online Reflection, the student's courseclass will be reopened. In the same online courseclass, if a second incident of plagiarism, intentional or not, is caught, the courseclass will be closed. Students will be able to take the courseclass during the regular school year in-person, or in summer school, if it is offered in-person.

Artificial Intelligence, being widely available, shall not be submitted as original student work. Should AI work be submitted, students may be warned, have assignments reset, enjoy an opportunity to learn about vetting sources, or have the online course closed.

## **Online Attendance**

**Students are expected to login daily during the school week and follow the same academic calendar as their campus based peers.** Attendance is taken through their login to Edgenuity. Students attending online will be able to do so at any hour of the day.

To excuse an absence a parent/guardian must email or call a supervising teacher within 24 hours. Failure to log in without an excusal from the parent/guardian for ten consecutive days (Two School Weeks) can result in withdrawal from AFO. Excessive absences (ten or more per semester) may result in a student being placed on academic probation.



## 2024-2025 COURSE FEES

<b>Course</b>	<b>Fee</b>	<b>Course</b>	<b>Fee</b>
<b><i>Fine Arts</i></b>		<b><i>CTE</i></b>	
Fine Arts – Art (per semester)	25.00	CTE - Air Force Junior ROTC	10.00
Fundamentals of Art (per semester)	20.00	CTE – Agricultural Education	10.00
Fine Arts – Dance (per semester)	15.00	CTE - Bioscience	10.00
Fine Arts – Music (per semester)	15.00	CTE - Software & App Design	10.00
Fine Arts – Photo (per semester)	30.00	CTE - Construction	10.00
Fine Arts – Theatre (per semester)	15.00	CTE – Baking and Pastry	10.00
		CTE - Culinary Arts	10.00
<b><i>Honors</i></b>		CTE – Digital Photography	10.00
Honors Anatomy & Physiology A/B	10.00	CTE - Early Childhood Education	10.00
		CTE - Engineering	10.00
<b><i>AP – Advanced Placement</i></b>		CTE - Film and TV Production	10.00
AP Art courses	20.00	CTE - Graphic Arts	10.00
AP Science courses	10.00	CTE – Architecture Design	10.00
		CTE - Law, Public Safety & Security	10.00
<b><i>IB – International Baccalaureate</i></b>		CTE - Marketing	10.00
IB Science courses	25.00	CTE – Medical Assisting	10.00
IB courses; math, Spanish, film, visual arts, business	15.00	CTE - Sports Medicine	20.00
		CTE - Veterinary Assisting	10.00
<b><i>Physical Education</i></b>		CTE - Live Entertainment Production	10.00
PE Uniform	10.00	CTE - Education Professions	10.00

Fees do not exceed the actual cost of the activity, program, service, equipment or materials. Per A.R.S. 15-116 (A): "A school district governing board...that authorizes the assessment of fees pursuant to this title shall ensure that all fees contain a provision that allows the fees to be waived in the event of economic hardship to the pupil. (B): "The nonpayment of fees charged by a public school may not prevent a pupil from enrolling in, applying to or remaining enrolled in a public school." Per A.R.S. 15-342.24: "For high school pupils, the governing board may assess reasonable fees for fine arts and vocational education courses and for optional services, equipment and materials offered to the pupils beyond those required to successfully complete the basic requirements of any other course, except that no fees shall be charged for pupils' access to or use of computers or related materials. The governing board shall authorize principals to waive the assessment of all or part of a fee assessed pursuant to this paragraph if it creates an economic hardship for a pupil." Governing Board Policy JQ – Student Fees, Fines, and Charges - also addresses this provision.

If above fees present a financial hardship for any student, parents may contact the school principal to assist with a payment plan or waiver of all or part of the fees.  
For AFUHS Online Courses, please see the AOI section of the Course Description Book 2021-2022 for further information.

## AGUA FRIA HIGH SCHOOL



**Principal, Mrs. Autumn Daniels**

Phone: (623) 932-7300  
530 East Riley Drive  
Avondale, AZ 85323

## CANYON VIEW HIGH SCHOOL



**Principal, Mrs. Lyn Reid**

Phone: (623) 932-7600  
6024 North Perryville Road  
Waddell, AZ 85355

## DESERT EDGE HIGH SCHOOL



**Principal, Mrs. Gretchen Hann**

Phone: (623) 932-7500  
15778 West Yuma Road  
Goodyear, AZ 85338

## MILLENNIUM HIGH SCHOOL



**Principal, Mrs. Nichole Bundy**

Phone: (623) 932-7200  
14802 West Wigwam Blvd.  
Goodyear, AZ 85338

## VERRADO HIGH SCHOOL



**Principal, Mr. Kevin Thomas**  
 Phone: (623) 932-7400  
 20050 West Indian School Road  
 Buckeye, AZ 85396

### Agua Fria Online



**Director, NonTraditional Programs Dr. Bryan Richman**

Phone: (623) 932-7106  
<https://sites.google.com/aguafria.org/non-traditional-programs/home>

Minor changes may be made to the Course Description Book. Visit [aguafria.org](http://aguafria.org) for the most up to date version.

### INTERNATIONAL LANGUAGES PROGRAMS AT A GLANCE

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	LAN9060	French I A/B	0.5/0.5					✓	✓	76
✓	✓	✓	✓	LAN9070	French II A/B	0.5/0.5	French I A/B				✓	✓	76
	✓	✓	✓	LAN9080	Honors French III A/B	0.5/0.5	French II A/B				✓	✓	76
		✓	✓	LAN9090	AP French Language & Comp. A/B	0.5/0.5	Honors French III A/B				✓		76
✓	✓	✓	✓	LAN9110	German I A/B	0.5/0.5							76
	✓	✓	✓	LAN9120	German II A/B	0.5/0.5	German I A/B						77
	✓	✓	✓	LAN9130	Honors German III A/B	0.5/0.5	German II A/B						77
✓	✓	✓	✓	LAN9240	IB Language A/Literature SSST	0.5/0.5					✓		76
✓	✓	✓	✓	LAN9140	Latin I A/B	0.5/0.5						✓	77
	✓	✓	✓	LAN9150	Latin II A/B	0.5/0.5	Latin I A/B					✓	77

		✓	✓	LAN9180	Latin III A/B	0.5/0.5	Latin I A/B & II A/B					✓	77
✓	✓	✓	✓	LAN9000	Spanish I A/B	0.5/0.5		✓	✓	✓	✓	✓	75
✓	✓	✓	✓	LAN9010	Spanish II A/B	0.5/0.5	Spanish I A/B or placement test	✓	✓	✓	✓	✓	75
✓	✓	✓	✓	LAN9250	Honors Spanish II A/B	0.5/0.5	Spanish I or placement	✓	✓	✓	✓	✓	75
✓	✓	✓	✓	LAN9020	Honors Spanish III A/B	0.5/0.5	Spanish II A/B or placement test	✓	✓	✓	✓	✓	75
		✓	✓	LAN9030	AP Spanish Language & Comp. A/B	0.5/0.5	Honors Spanish III A/B	✓	✓	✓	✓	✓	75
		✓	✓	LAN9040	IB Spanish Ab Initio 1 A/B	0.5/0.5					✓		75
			✓	LAN9230	IB Spanish Ab Initio 2 A/B	0.5/0.5	IB Spanish Ab Initio 1					✓	75
		✓	✓	LAN9050	IB Spanish B 1 A/B	0.5/0.5	Spanish II A/B or higher					✓	76
			✓	LAN9220	IB Spanish B 2 A/B	0.5/0.5	IB Spanish B 1					✓	76