

2022-2023

Course Description Book



Agua Fria High School
Canyon View High School
Desert Edge High School
Millennium High School
Verrado High School
Coldwater Academy Program
Agua Fria Online at Coldwater Academy
New Directions Program

AGUA FRIA UNION HIGH SCHOOL DISTRICT #216

“All Students College and Career Ready”

GOVERNING BOARD
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TABLE OF CONTENTS

REQUIREMENTS AND OTHER INFORMATION	1
ACADEMIC LETTER	1
ADVANCED PLACEMENT (AP) CLASSES	1
ADVISORY	1
AIMS SCIENCE TEST	1
ALGEBRA EXTENSION REQUIREMENTS	1
AMERICAN CIVICS ACT TEST	1
ATTENDANCE POLICY	1
AUDITING CLASSES	1
ACT	2
CHALLENGE EXAM	2
CHANGE OF CLASS SCHEDULE	2
CONCURRENT ENROLLMENT IN HIGH SCHOOL AND COLLEGE	2
CONCURRENT ENROLLMENT IN ONLINE HIGH SCHOOL COURSES	3
COURSE AVAILABILITY	3
COURSE LEVEL HONORS (H), ADVANCED PLACEMENT (AP), INTERNATIONAL BACCALAUREATE (IB)	3
COURSE REPEATED FOR A GRADE IMPROVEMENT	3
CREDIT ACCEPTANCE CHART	4
DISTRICT GRADING SCALE	3
DUAL ENROLLMENT	4
EDUCATION AND CAREER ACTION PLAN (ECAP)	4
EQUAL EDUCATION OPPORTUNITIES	4
GIFTED EDUCATION	4
COUNSELING OFFICE	6
HOMESCHOOL CREDIT	5
HOMEWORK POLICY	6
HONOR ROLL AND HIGH HONORS	6
INTERNATIONAL BACCALAUREATE (IB)	6
NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY REQUIREMENTS	6
NON-TRADITIONAL PROGRAMS: COLDWATER ACADEMY / Edgenuity / RISE PROGRAM	6
SUMMER PROGRAMS	8
PLAGIARISM ONLINE	8
PARENTVUE/STUDENTVUE	8
PERMANENT RECORDS	8
PLACEMENT TESTS	8
PLANNING A PROGRAM OF STUDY	8
PREREQUISITES	8
PROGRESS REPORTS AND STUDENT SEMESTER GRADE CARDS	9
RANK IN CLASS	9
READING REQUIREMENT	9
STUDENT COURSE FEES	9
TRANSCRIPTS	9

DROP-FROM CLASSES	9
GENERAL STUDIES	11
PROGRAMS AT A GLANCE	11
ENGLISH	31
ENGLISH LANGUAGE ACQUISITION PROGRAM	34
FINE ARTS	35
DIVISION OF VISUAL ARTS	35
DIVISION OF PERFORMING ARTS	37
INTER-DEPARTMENTAL	40
INTERNATIONAL LANGUAGES	43
MATHEMATICS	46
PHYSICAL EDUCATION	50
SCIENCE	52
SOCIAL SCIENCE	59
ADVANCED PLACEMENT (AP) CAPSTONE	61
EXCEPTIONAL STUDENT SERVICES	62
SUCCESS SEMINAR	63
CAREER AND TECHNICAL EDUCATION (CTE) WEST-MEC	67
CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE	67
WEST MEC	65
CAREER AND TECHNICAL EDUCATION	81
ONLINE	92
ONLINE (OL) COURSES THROUGH AGUA FRIA ONLINE	93
AFUHSD ONLINE COURSE DESCRIPTIONS FOR 2022-2023	97

LINKS

REQUIREMENTS AND OTHER INFORMATION

[ACADEMIC LETTER](#)

[ADVANCED PLACEMENT \(AP\) CLASSES](#)

[ADVISORY](#)

[AIMS SCIENCE TEST](#)

[ALGEBRA EXTENSION REQUIREMENTS](#)

[AMERICAN CIVICS ACT TEST](#)

[ATTENDANCE POLICY](#)

[AUDITING CLASSES](#)

[AzM2](#)

[CHALLENGE EXAM](#)

[CHANGE OF CLASS SCHEDULE](#)

[CONCURRENT ENROLLMENT IN HIGH SCHOOL AND COLLEGE](#)

[CONCURRENT ENROLLMENT IN ONLINE HIGH SCHOOL COURSES](#)

[COURSE AVAILABILITY](#)

[COURSE LEVEL HONORS \(H\), ADVANCED PLACEMENT \(AP\), INTERNATIONAL BACCALAUREATE \(IB\)](#)

[COURSE REPEATED FOR A GRADE IMPROVEMENT](#)

[CREDIT ACCEPTANCE CHART](#)

[DISTRICT GRADING SCALE](#)

[DUAL ENROLLMENT](#)

[EDUCATION AND CAREER ACTION PLAN \(ECAP\)](#)

[EQUAL EDUCATION OPPORTUNITIES](#)

[GIFTED EDUCATION](#)

[COUNSELING OFFICE](#)

[HOMESCHOOL CREDIT](#)

[HOMEWORK POLICY](#)

[HONOR ROLL AND HIGH HONORS](#)

[INTERNATIONAL BACCALAUREATE \(IB\)](#)

[NATIONAL COLLEGIATE ATHLETIC ASSOCIATION \(NCAA\) ELIGIBILITY REQUIREMENTS](#)

[NON-TRADITIONAL PROGRAMS: COLDWATER ACADEMY / Edgenuity / RISE PROGRAM](#)

[SUMMER SCHOOL AND SPRING FORWARD](#)

[PLAGIARISM ONLINE](#)

[PARENTVUE/STUDENTVUE](#)

[PERMANENT RECORDS](#)

[PLACEMENT TESTS](#)

[PLANNING A PROGRAM OF STUDY](#)

[PREREQUISITES](#)

[PROGRESS REPORTS AND STUDENT SEMESTER GRADE CARDS](#)

[RANK IN CLASS](#)

[READING REQUIREMENT](#)

[STAR PROGRAM](#)

[STUDENT COURSE FEES](#)

[TRANSCRIPTS](#)

[WITHDRAWAL FROM CLASSES](#)

[GENERAL STUDIES](#)

[PROGRAMS AT A GLANCE](#)

[ENGLISH](#)

[ENGLISH LANGUAGE ACQUISITION PROGRAM](#)

[FINE ARTS](#)

[DIVISION OF VISUAL ARTS](#)

[DIVISION OF PERFORMING ARTS](#)

[INTER-DEPARTMENTAL](#)

[INTERNATIONAL LANGUAGES](#)

[MATHEMATICS](#)

[PHYSICAL EDUCATION](#)

[SCIENCE](#)

[SOCIAL SCIENCE](#)

[ADVANCED PLACEMENT \(AP\) CAPSTONE](#)

[EXCEPTIONAL STUDENT SERVICES](#)

[SUCCESS SEMINAR](#)

[CAREER AND TECHNICAL EDUCATION \(CTE\) WEST-MEC](#)

[CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE](#)

[WEST MEC](#)

[CAREER AND TECHNICAL EDUCATION](#)

[ONLINE](#)

[ONLINE \(OL\) COURSES THROUGH AGUA FRIA ONLINE](#)

[AFUHSD ONLINE COURSE DESCRIPTIONS FOR 2022-2023](#)

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 1072; 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 Title 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 85232; 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.

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.

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.

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.

ALGEBRA EXTENSION REQUIREMENTS

Students identified below 9th grade level on District Math assessments are 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.

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

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.

ACT

ACT is the current State Board of Education proficiency exam to be administered to students enrolled in English Language Arts and Mathematics courses. The ACT will be administered in the spring semester.

CHALLENGE EXAM

- A Challenge Exam is **NOT** a placement exam. A student who feels sufficiently skilled, knowledgeable, and accomplished in a specific content area can choose to apply and take the Challenge exam in any class in the Agua Fria Union High School District.
- Students must work with their School Counselor to take a Challenge Exam within **the first ten days** of enrollment in class. A student must receive a proficient score on the Challenge Exam in order to pass; percentages will not be “rounded up.” Upon receiving a proficient score, the student will receive full credit for that class, and a grade of pass (P) will be recorded on the student’s transcript. Students may not take the Challenge Exam for a class they have previously taken nor in which previously failed. Parent/guardian and student must sign the application form before the Challenge Exam will be administered. This completed application will be retained by the school and placed in the student’s file along with the results of the Challenge Exam upon administration and scoring. A copy of the completed application must be scanned to the Director of Assessment and Data so that the Exam can be scheduled. Students will have the same amount of time in which to take the exam equal to the amount of time scheduled for the same End of Course Assessment. A student will be given only one (1) chance to take the Challenge Exam per course. NO retakes will be allowed. The “P” grade will not be counted in the student’s GPA. Students may not challenge Advanced Placement (AP) or International Baccalaureate (IB) exams due to the requirements of the College Board and the International Baccalaureate Organization. A complete list of proficient score requirements is available through the Director of Assessment.
- A student who enrolls in a District high school after receiving instruction in a home school 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. Accredited institution means the school is accredited through one of the seven (7) regional accrediting agencies: Middle States Commission on Higher Education, New England Association of Schools and Colleges, The Higher Learning Commission, North Central Association of Colleges and Schools, Northwest Commission on Colleges and Universities, Southern Association of Colleges and Schools, Western Association of School and Colleges. Former homeschool students who enroll in the Agua Fria Union High School District and who want to receive credit are required to take and demonstrate proficiency for any homeschool course for which the student cannot provide an official transcript from one of the accredited institutions noted above. Upon passing a Challenge Exam, a grade of pass (P) will be recorded on the student’s transcript. A student may take a Challenge Exam only once for each subject/course. Any tests 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.

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

Student-initiated changes that meet the above requirements must be made during the registration process. If students cannot wait to complete the change, they should return on another day during registration. (Extenuating circumstances that would not permit completion during registration include obtaining instructor permission and signature to enroll in a particular course.)

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-half (½) 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.

To qualify for concurrent enrollment at a community college or a university while attending a school in the Agua Fria Union High School District, a student must complete the concurrent enrollment forms to be approved by the high school counselor. 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.

CONCURRENT ENROLLMENT IN ONLINE HIGH SCHOOL COURSES

Coursework completed **outside** of the district while concurrently enrolled will be evaluated to determine whether credit will be awarded. Within ten (10) days of reviewing the student's official transcript, the student will be provided with a list showing which credits are accepted as core subject credits, which are accepted as elective subject credits and which course credits are rejected. Within 10 days of receiving this list, a student may complete an application requesting to take the district Challenge Exam for credit for any course accepted as an elective credit for which the student wants core (required) credit, or for a rejected credit. If the student earns a passing score of 80% which demonstrates proficiency, the school will accept the transferred credit as core credit. These credits will not factor into a student's GPA and the grade issued will be a "P" on the transcript. Any aligned state standards required test must be taken. *Online course credit taken through the AFUHS Online Program will be accepted.*

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, mid-term exam, and End of Course Assessment); (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, credit toward graduation is only earned once for any class. 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. Challenge Exams may not be taken to improve a grade. Campus based Edgenuity RISE/CWA at Agua Fria Online courses **MAY** be taken for the purpose of improving a grade. Online classes are not factored into the GPA. Summer School Credit Recovery classes **may not** be taken to improve a grade other than an F or NC.

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.

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 community college;
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. 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.

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.

AFUHS D GRADUATION REQUIREMENTS	ARIZONA BOARD OF REGENTS (ABOR)*
A total of 22 credits are required for the 2022-2023 school year for graduation. These credits shall be earned as follows: English 4 credits English IA/B, English IIA/B, English IIIA/English IIIB, English IV A/English IV B Mathematics 4 credits Algebra 1A/Algebra IB, Geometry A/B, Algebra IIA/Algebra IIB,	The Arizona Board of Regents outlines academic competency required for entrance into Arizona universities. Minimum requirements in the content areas below are as follows: English 4 credits (1-2, 3-4, 5-6, 7-8) Mathematics 4 credits (Algebra 1-2, Geometry 1-2, Algebra 3-4, and one additional

and one additional math course that includes significant mathematics content.	math course with Algebra 3-4 as a prerequisite)
Science 3 credits <i>Three (3) lab science courses - see pathways below for options.</i>	Lab Science 3 credits Three lab science courses
Options	Social Science 2 credits (U.S. History and one other)
Social Science 3 credits (World History, Am/AZ History, Government/Free Enterprise)	*International Languages 2 credits (of the same language)
Personal Development (P.E. & Health) 1 credit	*Fine Arts or CTE 1 credit
*International Languages 1 credit	
*Fine Arts or CTE 2 credits	
Electives 4 credits	
22 total credits	

*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 catalogues 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. Online courses completed for original credit are not eligible to be taken in Rise Lab or used to receive an early release. These Rise Lab courses may not be used toward early graduation. Students are required to take any State required assessment.

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 personal/social 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. Two Student Support Specialists on each campus support student connections and appropriate referrals to counselors and the social workers.

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. Accredited Institution refers to accreditation by one of the seven (7) previously noted accrediting agencies. Former homeschool students who enroll in high school are required to take and pass a Challenge Exam with proficient scores for any homeschool course for which the student cannot provide an official transcript from an accredited institution. 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 five 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.

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 or II sports. Please contact your school counselor, athletic coach, athletic director or the NCAA website for specific details.

NON-TRADITIONAL PROGRAMS: COLDWATER ACADEMY PROGRAM/ RISE PROGRAM

The Agua Fria Union High School District offers several alternative educational opportunities. The goal is to provide a learning environment to foster student success in meeting high school graduation requirements and provide a transitional setting until students

can return to the traditional classroom. Students will be scheduled into alternative programs and will participate in various learning activities to meet their needs.

Edgenuity courseware for credit recovery is designed to support juniors and seniors who are currently behind in credits and off-track for graduation with their cohort. Eligible juniors and seniors may take up to two Rise Lab classes per semester during the regular school day to recover credits as a result of failing a class. Additional opportunities to recover credit are available in the summer and before or after school. Students must have failed the course in order to be enrolled in Edgenuity for credit recovery. Edgenuity credit recovery classes may not be used to recoup credits from classes receiving grades of NC (No Credit) or I (Incomplete), however, the original credit version of the class may be taken to earn credit for an NC. Freshmen and sophomores shall only be enrolled in Rise Lab classes if they've transferred in at a point in the semester when they would not receive credit or when in conjunction with marching band, dance, and special physical education circumstances.

Edgenuity courses in Rise Labs and at the Coldwater Academy are intended to recover credits and give students an opportunity to become credit current. These courses are not available for grade replacement.

Students must complete any pre-tests, mid-term, and final exams in the lab. Tests and pre-tests may be required to be retaken for any student taking an Edgenuity course during the school day, before school, after school or in summer school.

NON-TRADITIONAL PROGRAMS: COLDWATER ACADEMY PROGRAM/ RISE LAB/ SUMMER SCHOOL FOR STUDENTS OFF-TRACK FOR GRADUATION

Students with credit deficiency are eligible to be scheduled into alternative programs based on counselor recommendation to a Rise Lab, summer school, or both. Juniors and seniors with a significant credit deficiency are eligible for counselor referral to Coldwater Academy Program and will participate in various learning activities to meet their graduation requirements. Despite program placement, students are still part of their home school community and are eligible to participate in extracurricular activities. Students are required to take any state required assessment.

NON-TRADITIONAL PROGRAMS: ONLINE INSTRUCTION FOR STUDENTS ON-TRACK FOR GRADUATION

Full time students are eligible to take AFUHSD online courses. 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. Online courses for original credit will be taken *outside* of the student's regular school day. These courses will receive an A through F letter grade upon completion, but will *not* be calculated into the student's grade point average (GPA).

Steady progress in the student's classes is essential to success. If the student is submitting poor quality or failing work, the work may need to be redone before moving on in the course. Agua Fria Union High School District online courses require students to exercise academic integrity. To that end, prior to taking an online course, students are expected to read through this [online presentation](#) and fill out the embedded form.

Students are required to take notes and present those notes prior to taking the final online exam. Students must pass the course with a grade that corresponds to proficiency in order to earn the credit for the class. Courses will be reflected on students' transcripts. Students working on campus based online original credit courses do not have to follow the same semester deadlines. Only completed courses will be added to students' course history. Incomplete courses will be put on hold at the conclusion of Summer School, and may be reopened at the start of the following school year..

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 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.

SUMMER PROGRAMS

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, also referred to as Brick and Mortar 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.

PLAGIARISM 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 Academic Integrity Online Reflection. Upon completion of the Academic Integrity Online Reflection, the class will be reopened. In the same online class, if a second incident of plagiarism, intentional or not, is caught, the class will be closed. Students will be able to take the class during the regular school year in-person, or in summer school, if it is offered in-person.

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.

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.

PLACEMENT TESTS

Placement tests can be administered to students who feel they are proficient in a specific course, want to "test out" of a course, and be placed in the next level of the course. At present only Spanish has a placement test. (Example: a student who takes a placement test in Spanish I and tests out of this course will be scheduled in Spanish II.) The placement test is not the End of Course Assessment (EOCA)/Challenge Exam. The student will not receive credit for testing out of a course. A student who feels sufficiently skilled, knowledgeable, and accomplished in a specific content area who wants to attempt to earn credit can apply to take the challenge exam in that course. If successful with a proficient score, the student will receive a pass ("P") on their transcript. Placement exams must be taken **within the first ten (10) days** of enrollment in the course. Please see your counselor for an application and further challenge exam requirements.

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.

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 on District English/Language Arts assessments are required to enroll in Basic or Intermediate Read 180 classes. 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.

STUDENT COURSE FEES

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. Transcripts sent by the school registrar will be provided to the student without cost. A fee is charged for transcripts sent electronically through Parchment. Unofficial transcripts can be printed in the counseling office. Please check with your school registrar. Transcripts from outside agencies require a signed release.

DROP-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 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 reason, and signed by a teacher and principal.

STUDENTS AND PARENT - PLEASE NOTE

Courses listed herein are proposed for the 2022-2023 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

GENERAL STUDIES

PROGRAMS AT A GLANCE

A - Agua Fria	C - Canyon View	D - Desert Edge	M - Millennium	V - Verrado
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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 1A/English IB	0.5/0.5		✓	✓	✓	✓	✓	26
✓	✓	✓	✓	ENG6010	Hon. English IA/Hon. English IB	0.5/0.5		✓	✓	✓	✓	✓	26
	✓	✓	✓	ENG6020	English IIA/English IIB	0.5/0.5		✓	✓	✓	✓	✓	26
	✓	✓	✓	ENG6030	Hon. English IIA/Hon. English IIB	0.5/0.5		✓	✓	✓	✓	✓	26
		✓	✓	ENG6040	English IIIA/English IIIB	0.5/0.5		✓	✓	✓	✓	✓	27
			✓	ENG6060	English IVA/English IVB	0.5/0.5		✓	✓	✓	✓	✓	27
		✓	✓	ENG6050	AP English Language & Comp. A/B	0.5/0.5		✓	✓	✓	✓	✓	27
			✓	ENG6070	AP English Literature & Comp. A/B	0.5/0.5		✓	✓	✓	✓	✓	27
		✓		ENG6080	IB English 1	0.5/0.5					✓		27
			✓	ENG6390	IB English 2	0.5/0.5	IB English 1				✓		28
✓	✓	✓	✓	ENG6300	English Foundations A/B	0.5/0.5		✓	✓	✓	✓	✓	28
✓	✓	✓	✓	ENG6310	English Intermediate Foundations A/B	0.5/0.5		✓	✓	✓	✓	✓	28
✓	✓	✓	✓	ENG6400	SEI Reading/Speaking A/B	0.5/0.5		✓	✓	✓	✓	✓	28
✓	✓	✓	✓	ENG6110	Creative Writing	0.5		✓		✓	✓	✓	28
		✓	✓	ENG6130	Film & Media Studies I	0.5		✓		✓	✓	✓	28

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		✓	✓	✓	✓	✓	29
✓				ENG6250	English I A/B SEI Intermediate Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	29
	✓			ENG6220	English II A/B SEI Basic Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	29
	✓			ENG6260	English II A/B SEI Intermediate Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	29
		✓		ENG6230	English III A/B SEI Basic Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	29
		✓		ENG6270	English III A/B SEI Intermediate Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	29
			✓	ENG6240	English IV A/B SEI Basic Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	29
			✓	ENG6280	English IV A/B SEI Intermediate Language/Writing	0.5/0.5		✓	✓	✓	✓	✓	30
✓	✓	✓	✓	ENG6290	SEI Language/Writing A/B (Elective)	0.5/0.5		✓	✓	✓	✓	✓	30

FINE ARTS PROGRAMS AT A GLANCE

Grade				Course #	Name of Course	Credit	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		✓	✓	✓	✓	✓	30
	✓	✓	✓	FIN5010	AP Art History A/B	0.5/0.5		✓		✓	✓	✓	30
	✓	✓	✓	FIN5480	Sculpture and Ceramics I A/B	0.5/0.5	Fundamentals of Art	✓	✓	✓	✓	✓	30
	✓	✓	✓	FIN5490	Metal Sculpture A/B	0.5/0.5	Fundamentals of Art			✓			30
	✓	✓	✓	FIN5500	Ceramics II A/B	0.5/0.5	Sculpture and Ceramics I	✓	✓	✓	✓	✓	30
	✓	✓	✓	FIN5510	Drawing and Painting I A/B	0.5/0.5	Fundamentals of Art	✓	✓	✓	✓	✓	31
	✓	✓	✓	FIN5520	Drawing and Painting II A/B	0.5/0.5	Drawing and Painting I	✓	✓	✓	✓	✓	31
	✓	✓	✓	FIN5060	AP Art Studio A/B	0.5/0.5	Sculpture-Ceramics I or Drawing & Painting I or instructor approval	✓	✓	✓	✓	✓	31
	✓	✓	✓	FIN5530	Art Studio A/B	0.5/0.5	Drawing & Painting I or Sculpture & Ceramics I or instructor approval	✓	✓	✓	✓	✓	31
		✓	✓	FIN5540	Photography I A/B	0.5/0.5		✓					31
		✓	✓	FIN5550	Photography II A/B	0.5/0.5	Photography I	✓					31
		✓	✓	FIN5560	Photography III A/B	0.5/0.5	Photography I & II	✓					31
		✓	✓	FIN5570	Photography IV A/B	0.5/0.5	Photograph I, II & III	✓					32
		✓	✓	FIN5120	IB Visual Arts I A/B	0.5/0.5					✓		32
		✓	✓	FIN5460	IB Visual Arts II A/B	0.5/0.5					✓		32

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		✓	✓	✓	✓	✓	32
✓	✓	✓	✓	FIN5590	Guitar II A/B	0.5/0.5	Guitar I	✓	✓	✓	✓	✓	32
✓	✓	✓	✓	FIN5600	Marching Band A/B (spring semester will emphasize symphonic, or percussion, or jazz standards.)	0.5/0.5	Spring placement is determined with instructor.	✓	✓	✓	✓	✓	32
✓	✓	✓	✓	FIN5610	Piano I A/B	0.5/0.5		✓			✓		33
✓	✓	✓	✓	FIN5620	Choir A/B	0.5/0.5		✓	✓	✓	✓	✓	33
✓	✓	✓	✓	FIN5630	Concert Choir A/B	0.5/0.5	Audition or Instructor Approval	✓	✓	✓	✓	✓	33
✓	✓	✓	✓	FIN5640	Music Theory A/B	0.5/0.5	Music Performance Course or Instructor Approval	✓	✓	✓	✓	✓	33
✓	✓	✓	✓	FIN5650	Show Choir A/B	0.5/0.5	Audition or Instructor Approval	✓	✓	✓	✓	✓	33
✓	✓	✓	✓	FIN5660	Theater I A/B	0.5/0.5		✓	✓	✓	✓	✓	34
✓	✓	✓	✓	FIN5670	Theater II A/B	0.5/0.5	Theater I	✓	✓	✓	✓	✓	34
	✓	✓	✓	FIN5680	Theater III A/B	0.5/0.5	Theater I & II	✓	✓	✓	✓	✓	34
	✓	✓	✓	FIN5690	Technical Theater I A/B	0.5/0.5		✓	✓	✓	✓	✓	34
		✓	✓	FIN5280	IB Film I A/B	0.5/0.5					✓		34
			✓	FIN5450	IB Film II A/B	0.5/0.5	IB Film I				✓		34
✓	✓	✓	✓	FIN5700	Dance I A/B	0.5/0.5		✓	✓	✓	✓	✓	34
✓	✓	✓	✓	FIN5710	Dance II A/B	0.5/0.5	Dance I	✓	✓	✓	✓	✓	34
	✓	✓	✓	FIN5720	Dance III A/B	0.5/0.5	Dance I & II	✓	✓	✓	✓	✓	34

	✓	✓	✓	FIN5730	Performance Dance A/B	0.5/0.5	Audition or Instructor Approval	✓	✓	✓	✓	✓	35
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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	Journalism I	0.5		✓	✓	✓	✓	✓	36
		✓	✓	IDP0030	Journalism II	0.5	Journalism I	✓	✓	✓	✓	✓	36
		✓	✓	IDP0040	Journalism III	0.5	Journalism II	✓		✓	✓	✓	36
✓	✓	✓	✓	IDP0050	Speech and Debate I	0.5		✓	✓	✓	✓	✓	36
✓	✓	✓	✓	IDP0060	Speech and Debate II	0.5	Speech and Debate I	✓	✓	✓	✓	✓	36
✓	✓	✓	✓	IDP0080	Student Leadership	0.5	Application Process	✓	✓	✓	✓	✓	36
		✓	✓	IDP0090	Publications I A/B	0.5/0.5		✓	✓	✓	✓	✓	36
		✓	✓	IDP0100	Publications II A/B	0.5/0.5	Publications I	✓	✓	✓	✓	✓	36
		✓	✓	IDP0110	IB Theory of Knowledge	0.5					✓		36
		✓	✓	IDP0350	IB Business Management	0.5/0.5	Marketing Principles I				✓		37
✓	✓	✓	✓	IDP0120	Street Law	0.5		✓		✓	✓	✓	37
	✓	✓	✓	IDP0330	Sports Psychology	0.5		✓	✓	✓	✓	✓	37
✓				IDP0260	Advancement Via Individual Determination (AVID) Gr. 9 A/B	0.5/0.5		✓		✓	✓	✓	37
	✓			IDP0270	Advancement Via Individual Determination (AVID) Gr. 10 A/B	0.5/0.5		✓		✓	✓	✓	37
		✓		IDP0280	Advancement Via Individual Determination (AVID) Gr. 11 A/B	0.5/0.5		✓		✓	✓	✓	37
			✓	IDP0290	Advancement Via Individual Determination (AVID) Gr. 12 A/B	0.5/0.5		✓				✓	38
✓	✓	✓	✓	IDP0300	Introduction to Science, Technology, Engineer and Mathematics (STEM)	0.5		✓	✓	✓	✓	✓	38
			✓	IDP0170	Work Based Learning	0.5 per 65 verified hours with max of 2.0 credits total (by application only - outside		✓	✓	✓	✓	✓	38

						regular school day - no early release) and additional requirements.						
			✓	CTE2730	Professional Internship		✓	✓	✓	✓	✓	39

INTERNATIONAL LANGUAGES PROGRAMS AT A GLANCE													
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	LAN9000	Spanish I A/B	0.5/0.5		✓	✓	✓	✓	✓	39
✓	✓	✓	✓	LAN9010	Spanish II A/B	0.5/0.5	Spanish I A/B or placement test	✓	✓	✓	✓	✓	39
✓	✓	✓	✓	LAN9020	Honors Spanish III A/B	0.5/0.5	Spanish II A/B or placement test	✓	✓	✓	✓	✓	39
		✓	✓	LAN9030	AP Spanish Language & Comp. A/B	0.5/0.5	Honors Spanish III A/B	✓	✓	✓	✓	✓	39
		✓	✓	LAN9040	IB Spanish Ab Initio 1	0.5/0.5					✓		40
			✓	LAN9230	IB Spanish Ab Initio 2	0.5/0.5	IB Spanish Ab Initio 1				✓		40
		✓	✓	LAN9050	IB Spanish B 1	0.5/0.5	Spanish II A/B or higher				✓		40
			✓	LAN9220	IB Spanish B 2	0.5/0.5	IB Spanish B 1				✓		40
✓	✓	✓	✓	LAN9060	French I A/B	0.5/0.5		✓			✓	✓	40
✓	✓	✓	✓	LAN9070	French II A/B	0.5/0.5	French I A/B	✓			✓	✓	40
	✓	✓	✓	LAN9080	Honors French III A/B	0.5/0.5	French II A/B	✓			✓		40
		✓	✓	LAN9090	AP French Language & Comp. A/B	0.5/0.5	Honors French III A/B				✓		40
✓	✓	✓	✓	LAN9110	German I A/B	0.5/0.5		✓					41
	✓	✓	✓	LAN9120	German II A/B	0.5/0.5	German I A/B	✓					41
	✓	✓	✓	LAN9130	Honors German III A/B	0.5/0.5	German II A/B	✓					41
✓	✓	✓	✓	LAN9140	Latin I A/B	0.5/0.5						✓	41

	✓	✓	✓	LAN9150	Latin II A/B	0.5/0.5	Latin I A/B					✓	41
		✓	✓	LAN9180	Latin III A/B	0.5/0.5	Latin I & II					✓	41

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		✓	✓	✓	✓	✓	42
✓	✓	✓	✓	MAT4010	Algebra I A/B	0.5/0.5		✓	✓	✓	✓	✓	42
✓	✓			MAT4020	Hon Algebra A/B	0.5/0.5		✓	✓	✓	✓	✓	42
✓	✓	✓	✓	MAT4030	Geometry A/B	0.5/0.5	Prerequisite or Corequisite Alg. IA/IB or Hon. Algebra I A/B	✓	✓	✓	✓	✓	42
✓	✓	✓	✓	MAT4040	Hon. Geometry A/B	0.5/0.5	Prerequisite or Corequisite Hon. Alg. I or Alg. I A/B	✓	✓	✓	✓	✓	42
✓	✓	✓	✓	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)	✓	✓	✓	✓	✓	43
✓	✓	✓	✓	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)	✓	✓	✓	✓	✓	43
		✓	✓	MAT4230	Algebra III A/B	0.5/0.5	Geometry, Algebra II	✓	✓	✓	✓	✓	43
		✓	✓	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	✓	✓	✓	✓	✓	43
	✓	✓	✓	MAT4100	Honors Pre-Calculus A/B	0.5/0.5	Algebra II A/B	✓	✓	✓	✓	✓	43

	✓	✓	✓	MAT4120	AP Calculus A/B	0.5/0.5	Pre-Calculus or higher	✓	✓	✓	✓	✓	43
	✓	✓	✓	MAT4130	AP Calculus BC (one semester)	0.5	AP Calculus AB	✓		✓	✓	✓	43
		✓	✓	MAT4140	AP Calculus AB/BC	0.5/0.5	Honors or Accelerated Pre-Cal.	✓		✓	✓	✓	44
	✓	✓	✓	MAT4150	Honors Calculus III (one sem.)	0.5	Calculus BC	✓		✓	✓	✓	44
		✓	✓	MAT4160	AP Statistics A/B	0.5/0.5	Algebra II/Geometry A/B	✓	✓	✓	✓	✓	44
		✓	✓	MAT4170	IB Math Applications 1	0.5/0.5	Honors Algebra II A/B				✓		44
			✓	MAT4320	IB Math Applications 2		IB Math Applications 1, IB Math Analysis 1, or AP Calculus A/B				✓		44

MATHEMATICS PROGRAMS AT A GLANCE (Cont')

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
		✓	✓	MAT4240	IB Math Analysis 1	0.5/0.5	Honors Algebra II A/B				✓		44
		✓	✓	MAT4330	IB Math Analysis 2	0.5/0.5	IB Math Analysis 1, A/B Calculus A/B, Math Analysis 2				✓		45
			✓	MAT4200	Financial Literacy A/B	0.5/0.5	May be concurrently enrolled with Alg II	✓	✓	✓	✓	✓	45

PHYSICAL EDUCATION PROGRAMS AT A GLANCE

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	PHY0500	Personal Development A/B	0.5/0.5		✓	✓	✓	✓	✓	46
✓	✓	✓	✓	PHY0510	Health	0.5		✓	✓	✓	✓	✓	46
	✓	✓	✓	PHY0520	Lifetime Fitness	0.5		✓		✓	✓	✓	46
	✓	✓	✓	PHY0530	Sport and Physical Fitness	0.5		✓		✓	✓	✓	46
✓	✓	✓	✓	PHY0540	Adaptive Physical Education A/B	0.5/0.5	Physician's recommendation or IEP	✓	✓	✓	✓	✓	46
	✓	✓	✓	PHY0590	Advanced Physical Ed	0.5		✓	✓	✓		✓	46
✓	✓	✓	✓	PHY0600	Strength and Conditioning	0.5		✓	✓	✓	✓	✓	47
✓	✓	✓	✓	PHY0610	Unified Sports PE	0.5		✓		✓	✓	✓	47

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		✓	✓	✓	✓	✓	52
	✓	✓	✓	SCI7170	AP Environmental Science A/B	0.5/0.5	Biology/Int. Science/Principles of Science	✓		✓	✓	✓	52
✓	✓	✓	✓	SCI7020	Integrated Science A/B	0.5/0.5		✓					52
✓	✓	✓	✓	SCI7030	Biology A/B	0.5/0.5		✓	✓	✓	✓	✓	52
✓	✓	✓	✓	SCI7040	Honors Biology A/B	0.5/0.5		✓	✓	✓	✓	✓	52
	✓	✓	✓	SCI7050	AP Biology A/B	0.5/0.5	Biology/Int. Science/Principles of Science	✓	✓	✓	✓	✓	52
	✓	✓	✓	SCI7060	Earth Science A/B	0.5/0.5		✓			✓	✓	52
		✓	✓	SCI7070	Forensic Science A/B	0.5/0.5	Biology/Int. Science/Principles of Science	✓		✓	✓	✓	52
	✓	✓	✓	SCI7080	Chemistry A/B	0.5/0.5	Alg. I, Biology/Int. Science/Principles of Science	✓	✓	✓	✓	✓	52
	✓	✓	✓	SCI7090	Honors Chemistry A/B	0.5/0.5	Alg. I, Biology/Int. Science/Principles of Science	✓	✓	✓	✓	✓	53
		✓	✓	SCI7100	AP Chemistry A/B	0.5/0.5	Chemistry or Hon. Chemistry	✓	✓	✓	✓	✓	53
	✓	✓	✓	SCI7110	Conceptual Physics A/B	0.5/0.5	Algebra I A/B	✓		✓	✓	✓	53
	✓	✓	✓	SCI7120	Honors Physics A/B	0.5/0.5	Algebra II, Geometry A/B	✓		✓	✓	✓	53
		✓	✓	SCI7130	AP Physics C: Mechanics A/B	0.5/0.5	Pre-Calculus	✓		✓	✓	✓	53
		✓	✓	SCI7140	AP Physics C: Electricity & Magnetism A/B	0.5/0.5	AP Physics C: Mechanics, Calculus I A/B	✓		✓	✓	✓	53
	✓	✓	✓	SCI7150	Honors Anatomy & Physiology A/B	0.5/0.5	Biology/Int. Science/Principles of Science	✓	✓	✓	✓	✓	53
		✓	✓	SCI7260	IB Biology	0.5/0.5	Honors Biology and Honors Chemistry				✓		53
		✓	✓	SCI7190	IB Physics 1	0.5/0.5	Concurrently enrolled in Honors Pre-Calculus				✓		54

			✓	SCI7370	IB Physics 2		IB Physics 1				✓		54
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SCIENCE PROGRAMS AT A GLANCE (Cont'd)

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
		✓	✓	SCI7200	IB Chemistry 1	0.5/0.5	Honors Biology and Honors Chemistry				✓		54
			✓	SCI7380	IB Chemistry 2	0.5/0.5	IB Chemistry 1				✓		54
		✓	✓	SCI7210	IB Environmental Systems & Societies 1	0.5/0.5	Biology A/B				✓		54
			✓	SCI7390	IB Environmental Systems & Societies 2	0.5/0.5	IB ESS 1				✓		54
		✓	✓	SCI7220	IB Sports, Exercise and Health Science SL A/B	0.5/0.5	Honors Anatomy & Physiology, Sports Medicine I, Instructor approval				✓		54
✓				SCI7230	Physics A/B Freshman	0.5/0.5	Concurrently enrolled in Alg. I	✓	✓		✓	✓	54
✓				SCI7240	Honors Physics A/B: Freshmen	0.5/0.5	Concurrently enrolled in Alg. I	✓	✓	✓	✓	✓	55
	✓	✓	✓	SCI7330	AP Physics I: Algebra Based A/B	0.5/0.5	Concurrently enrolled in Alg. II		✓	✓			55
	✓	✓	✓	SCI7340	AP Physics II: Algebra Based A/B	0.5/0.5	Concurrently enrolled in Alg. II			✓			55
✓	✓			SCI7350	Principles of Science A/B	0.5/0.5		✓	✓	✓	✓	✓	55
✓	✓			SCI7360	Honors Principles of Science A/B	0.5/0.5		✓	✓	✓	✓	✓	55
	✓	✓	✓	SCI7250	Physical Science A/B	0.5/0.5		✓	✓	✓	✓	✓	55

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		✓	✓	✓	✓	✓	56
	✓	✓	✓	SOC8020	AP World History A/B	0.5/0.5		✓	✓	✓	✓	✓	56
		✓	✓	SOC8030	America/Arizona History A/B	0.5/0.5		✓	✓	✓	✓	✓	56
		✓	✓	SOC8040	AP U.S. History A/B	0.5/0.5		✓	✓	✓	✓	✓	56
			✓	SOC8050	AM/AZ Government/Free Enterprise A/B	0.5/0.5		✓	✓	✓	✓	✓	56
			✓	SOC8060	AP Government & Politics/Free Enterprise A/B	0.5/0.5		✓	✓	✓	✓	✓	56
	✓	✓	✓	SOC8070	Psychology	0.5		✓	✓	✓	✓	✓	57
	✓	✓	✓	SOC8130	AP Psychology A/B	0.5/0.5		✓	✓	✓	✓	✓	57
	✓	✓	✓	SOC8090	Germany and the Soviet Union	0.5					✓		57
✓	✓	✓	✓	SOC8100	World Religions	0.5		✓		✓	✓	✓	57
		✓	✓	SOC8110	IB History 1	0.5/0.5					✓		57
			✓	SOC8250	IB History 2	0.5/0.5	IB History 1				✓		57
		✓	✓	SOC8120	IB Psychology 1	0.5/0.5					✓		57
			✓	SOC8260	IB Psychology 2	0.5/0.5	IB Psychology 1				✓		57
✓	✓	✓	✓	SOC8000	AP Human Geography A/B	0.5/0.5		✓	✓	✓	✓	✓	57
		✓	✓	SOC8240	AP Macroeconomics A/B	0.5/0.5		✓	✓	✓		✓	58

ADVANCED PLACEMENT (AP) CAPSTONE						
Grade					School	

9	10	11	12	Course #	Name of Course	Credit	Prerequisite	A	C	D	M	V	Page
	✓	✓	✓	APC1000	AP Capstone Course I: AP Seminar	0.5/0.5	Concurrently enrolled in an AP Course	✓	✓	✓		✓	58
		✓	✓	APC1010	AP Capstone Course II: AP Research	0.5/0.5	AP Capstone Course I: AP Seminar	✓	✓	✓		✓	58

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	✓	✓	✓	✓	✓	59
✓	✓	✓	✓		Functional Skills Program		IEP Placement		✓				59
✓	✓	✓	✓		Medically Fragile Program		IEP Placement			✓			59
✓	✓	✓	✓		SAILS Program		IEP Placement	✓			✓		59
✓	✓	✓	✓		STRIDE Program Accelerated		IEP Placement					✓	59
✓	✓	✓	✓	IDP0397	Academics English A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0407	Academics Math A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	59
✓	✓	✓	✓	IDP0417	Academics Science A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
✓	✓	✓	✓	IDP0427	Academics Social Science A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
✓	✓	✓	✓	IDP0207	SUCCESS Seminar	0.5/0.5	IEP Placement	✓		✓	✓		60
✓	✓	✓	✓	IDP0437	SUCCESS Seminar English A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
✓	✓	✓	✓	IDP0447	SUCCESS Seminar Math A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
✓	✓	✓	✓	IDP0457	SUCCESS Seminar Science A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
✓	✓	✓	✓	IDP0467	SUCCESS Seminar Social History A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	60
✓	✓	✓	✓	IDP0157	Adult Survival A/B	0.5/0.5	IEP Placement	✓		✓	✓		61
			✓	IDP0377	Moving Forward Program	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
✓	✓	✓	✓	ENG6007	English IA/English IB	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
	✓	✓	✓	ENG6027	English IIA/English IIB	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
		✓	✓	ENG6047	English III A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61

		✓	✓	ENG6067	English IV A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	61
✓	✓	✓	✓	MAT4217	Pre-Algebra A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	62
✓	✓	✓	✓	MAT4017	Algebra IA/Algebra IB	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	62
✓	✓	✓	✓	MAT4037	Geometry A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	62
✓	✓	✓	✓	MAT4057	Algebra IIA/Algebra IIB	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	62

EXCEPTIONAL STUDENT SERVICES AT A GLANCE (Cont'd)

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
✓	✓	✓	✓	SCI7027	Integrated Science A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	62
✓	✓	✓	✓	SCI7037	Biology A/B	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	62
✓	✓	✓	✓	SOC8017	World History	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	63
	✓	✓	✓	SOC8037	American/AZ History	0.5/0.5	IEP Placement	✓	✓	✓	✓	✓	63
		✓	✓	SOC8227	Government	0.5	IEP Placement	✓	✓	✓	✓	✓	63
		✓	✓	SOC8237	Economics	0.5	IEP Placement	✓	✓	✓	✓	✓	63
✓	✓	✓	✓	IDP0187	Vocational Orientation	0,5	IEP Placement	✓	✓	✓	✓	✓	63
✓	✓	✓	✓	IDP0327	Transition to Work Program	0.5	IEP Placement	✓		✓	✓	✓	63
✓	✓	✓	✓	IDP0367	Instructional Program		IEP Placement	✓	✓	✓	✓	✓	63

PROGRAM OF STUDIES

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 IA/ENGLISH IB*

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 IA/HONORS ENGLISH IB

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 IIA/ENGLISH IIB*

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 IIA/HONOR ENGLISH IIB

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 IIIA/ENGLISH IIIB*

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 IVA/ENGLISH IVB*

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).

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).

ENG6080 IB ENGLISH 1

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

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.

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.

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).

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.

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 6320 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 ENG6320 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 ENG6320 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 ENG6320 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 ENG6320 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. *This course must be taken concurrently with ENG6320 English ELL Support.

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. *This course must be taken concurrently with ENG6290 SEI Language/Writing (Elective).

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. *This course must be taken concurrently with ENG6320 English ELL Support.

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 CERAMICS II A/B

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

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 AP ART STUDIO A/B

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 three components in their portfolios: Quality, Concentration, and Breadth. 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. Prerequisite: Sculpture & Ceramics I or Drawing & Painting I. Fee required.

FIN5530 ART STUDIO A/B

Art Studio is offered to those students who have successfully completed at least one of the following art courses (Drawing and Painting I or Sculpture and Ceramics I). Advanced studio problems and techniques in two and three dimensional media will be explored, with an emphasis on portfolio preparation and presentation. Participation in a group exhibition is required. Students may elect to provide additional supplies for personal projects. This course may be repeated for credit. Prerequisite: Drawing and Painting I or Sculpture and Ceramics I or instructor approval. Fee required.

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.

DIVISION OF PERFORMING ARTS**FIN5580 GUITAR I A/B**

Guitar class encompasses beginners to advanced 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 about jazz techniques along with music composition 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. Prerequisite: Guitar I. Fee required.

FIN5600 MARCHING BAND A/B

This ensemble performs at all Friday night varsity football games and other scheduled events. The marching band will also have commitments on some Saturdays. The marching band will also have rehearsals that are not scheduled during the normal school day and are for all members. Attendance is required at all events. Spring semester will focus on standards of symphonic, or jazz, or percussion band/ensemble. Descriptions are listed below. Placement is determined with the instructor for the spring semester. This course may be repeated for credit. Prerequisite: Recommend summer band camp or director approval. 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 marching band and one-half credit of Edgenuity online Health may be used for the required Personal Development course credit. Fee required.

SYMPHONIC BAND

Symphonic band is an advanced level group. The group will perform at region large group festivals. The group will also have rehearsals and concerts outside the normal school day, which will be required by all musicians. All members of symphonic band are encouraged to be in marching band. This course may be repeated for credit. Prerequisite: Director approval and/or student audition. Fee required.

PERCUSSION ENSEMBLE

Percussion ensemble serves as the marching drum line during fall and concert percussion during the spring. The group will perform at the region large group festivals. The group will also have rehearsals and concerts outside the normal school day, which will be required by all musicians. The percussion ensemble will plan in all events that marching, concert and symphonic bands are required. All members of percussion ensemble are encouraged to be in marching band. This course may be repeated for credit. Prerequisite: Director approval and/or student audition. Fee required.

JAZZ ENSEMBLE

This course will be an advanced ensemble consisting of the woodwind, brass, and percussion families. The repertoire will consist of all styles of jazz music. Improvisation techniques will be taught to the student so that they may have the opportunity to solo. This course may be repeated for credit. Prerequisite: Audition with director. 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.

FIN5620 CHOIR A/B

This is a beginning to intermediate level vocal ensemble. Participation is open to all 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 stressed. 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.

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.

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.**

FIN5660 THEATER I A/B

Theatre I introduces students to the history of theater, aspects of stage, character, and lighting techniques. Students are introduced to the basics of stage acting and theater terminology through the Stanislavski method of acting.

FIN5670 THEATER II A/B

Students enrolled in Theater II further develop their acting skills. Scene work, group and individual, is continued with greater emphasis on learning acting and stage techniques. Theatrical makeup, scene analysis, and introduction to directing are included. Prerequisite: Theater I. Fee required.

FIN5680 THEATER III A/B

Theater III will advance acting skills and teach directing skills. The student will learn all aspects of theater production and will be required to direct as well as write one-act scenes. Prerequisite: Theater I and Theater II or Technical Theater. This course may be repeated for credit. Fee required.

FIN 5690 TECHNICAL THEATER I A/B

The student will analyze plays, design sets, and build the sets for all the school plays. They will learn all aspects of technical processes. This course may be repeated for credit. 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 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 choreography. Students need no previous dance experience to succeed in the course. Students are required to perform in some capacity for dance productions. Dancewear will be required. This course may be repeated for credit, however, once a student takes Intermediate of Performance Dance, this course cannot be repeated. While Personal Development has been the primary physical education class required for graduation credit and every effort should be made to schedule freshman in Personal Development, one-half of Dance I and one-half credit of Edgenuity online Health may be used for the required Personal Development course credit. Fee required.

FIN5710 DANCE II A/B

This course will be the next level of Dance I class. Emphasis would be placed on more difficult movement vocabulary, terminology, and history of this course will be the next level of Dance I class. Emphasis would be placed on more difficult movement vocabulary, terminology, and history of the three major dance styles. The course will build on the foundation made from Dance I class in technique, terminology understanding and retention, history as well as dance forms. Students are required to perform in some capacity for dance productions. Dancewear will be required. 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 freshman in Personal Development, one-half of Dance II and one-half credit of Edgenuity online Health may be used for the required Personal Development course credit. Fee required.

FIN5720 DANCE III A/B

This course will be the next level of Dance II class. Emphasis will be placed on more difficult movement vocabulary, terminology, and history of the three major dance styles. This course will build on the foundation made from Dance II class in technique, terminology understanding and retention, history as well as dance forms. Students will also be required to choreograph and audition pieces for the Fall or Spring dance concerts. Students are required to perform in the same capacity for dance productions. Dancewear will be required. This course is designed for students that have surpassed the intermediate level of dance but do not wish to audition for Performance 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 movement and choreography. This course may be repeated for credit however, once a student takes Performance Dance this course cannot be repeated. While Personal Development has been the primary physical education class required for graduation credit and every effort should be made to schedule freshman in Personal Development, one-half of Dance III and one-half credit of Edgenuity online Health may be used for the required Personal Development course credit. Fee required.

FIN5730 PERFORMANCE DANCE A/B

Performance Dance is a more serious study of dance. Further technique in ballet, jazz, modern/lyrical dance, musical theatre and choreography are taught. Technically difficult combinations of steps and turns are emphasized as well as continued improvement in alignment. Students are required to perform in some capacity for dance productions. Dancewear will be required. 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 freshman in Personal Development, one-half of Performance Dance and one-half credit of Edgenuity online Health may be used for the required Personal Development course credit. *Audition is required.* Fee required.

INTER-DEPARTMENTAL

IDP0020 JOURNALISM 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 JOURNALISM 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 JOURNALISM 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. Prerequisite: Journalism II

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

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

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.

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.

IDP0260 ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID) GRADE 9

The ninth grade AVID elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals, communication, and adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trips and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

IDP0270 ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID) GRADE 10

The tenth grade AVID elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Students will also analyze various documents, in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continue to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

IDP0280 ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID) GRADE 11

The eleventh grade AVID elective course is the first part in a Junior/Senior seminar course that focuses on Writing and Critical Thinking expected of first and second year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the Junior year to support students as they apply to four-year universities and confirm their postsecondary plans.

IDP0290 ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID) GRADE 12

The twelfth grade AVID elective course is the second part in a Junior/Senior seminar course that focuses on Writing and Critical Thinking expected of first and second year college students. Students will complete a final research essay project from research conducted in the Junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their work in the AVID program, as well as complete the requirements for the seminar course.

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. Student will be enrolled in the course and credit will be awarded upon successful completion. 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.

CTE2730 PROFESSIONAL INTERNSHIP

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 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.

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.

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.

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

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

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

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

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.

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

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

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 receive 1.0 elective credit upon completion of this two semester course (0.5 credit each semester). Students will be co-enrolled in Algebra I.**

MAT4010 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 the Arizona Mathematics Standards. **Students will receive 1.0 credit Mathematics upon completion of this two semester course (0.5 credit each semester).**

MAT4020 HONORS ALGEBRA IA/HONORS 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 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. **Students will receive 1.0 in Honors Mathematics upon completion of this two semester course (0.5 credit each semester).**

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. **Students will receive 1.0 credit in Mathematics upon completion of this two semester course (0.5 credit each semester).** 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. **Students will receive 1.0 credit in Honors Mathematics upon completion of this two semester course.** Prerequisite or corequisite: Algebra IA/B or Honors Algebra IA/B

MAT4050 ALGEBRA II A/ALGEBRA II 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 I A/IB or Hon Alg I A/B or Geo A/B (Geometry can also be corequisite)

MAT4060 HONORS ALGEBRA II A/HONORS ALGEBRA II 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 I A/IB or Hon. Alg. I A/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).**

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: Honors or 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

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

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. ~~Fee required.~~

MAT4240 IB MATH ANALYSIS 1

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

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 IN PHYSICAL EDUCATION IS ONE CREDIT OF PERSONAL DEVELOPMENT. **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.** IF A PASSING GRADE IN MARCHING BAND, DANCE, OR OTHER PHYSICAL EDUCATION CLASS IS USED WITH GOOD CAUSE FOR ONE-HALF CREDIT IN PLACE OF PERSONAL DEVELOPMENT, THE STUDENT MUST ALSO PASS A DISTRICT HEALTH COURSE FOR ONE-HALF CREDIT. TWO CREDITS OF AFJROTC WILL MEET PERSONAL DEVELOPMENT AND HEALTH CREDIT.

PHY0500 PERSONAL DEVELOPMENT* A/B

This class consists of health and physical education activities. Awareness of personal health issues and lifetime activities are emphasized. Students must wear appropriate clothes for physical education. This course satisfies the required physical education and health requirement for graduation. **PE uniform is required.**

PHY0510 HEALTH*

This course will cover many aspects of health education including, but not limited to: mental health, nutrition, exercise/fitness, drug/alcohol, first aid/medical issues, and human sexuality. This class satisfies the one-half credit health portion of the physical education requirement. This course is open to all students. **This course is offered through the Edgenuity/transition program in conjunction with Marching Band, Dance, or other PE class with good cause in order to meet the Personal Development requirement.**

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. **PE uniform required.**

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. **PE uniform required.**

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. **PE uniform required.**

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. **PE uniform required.**

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

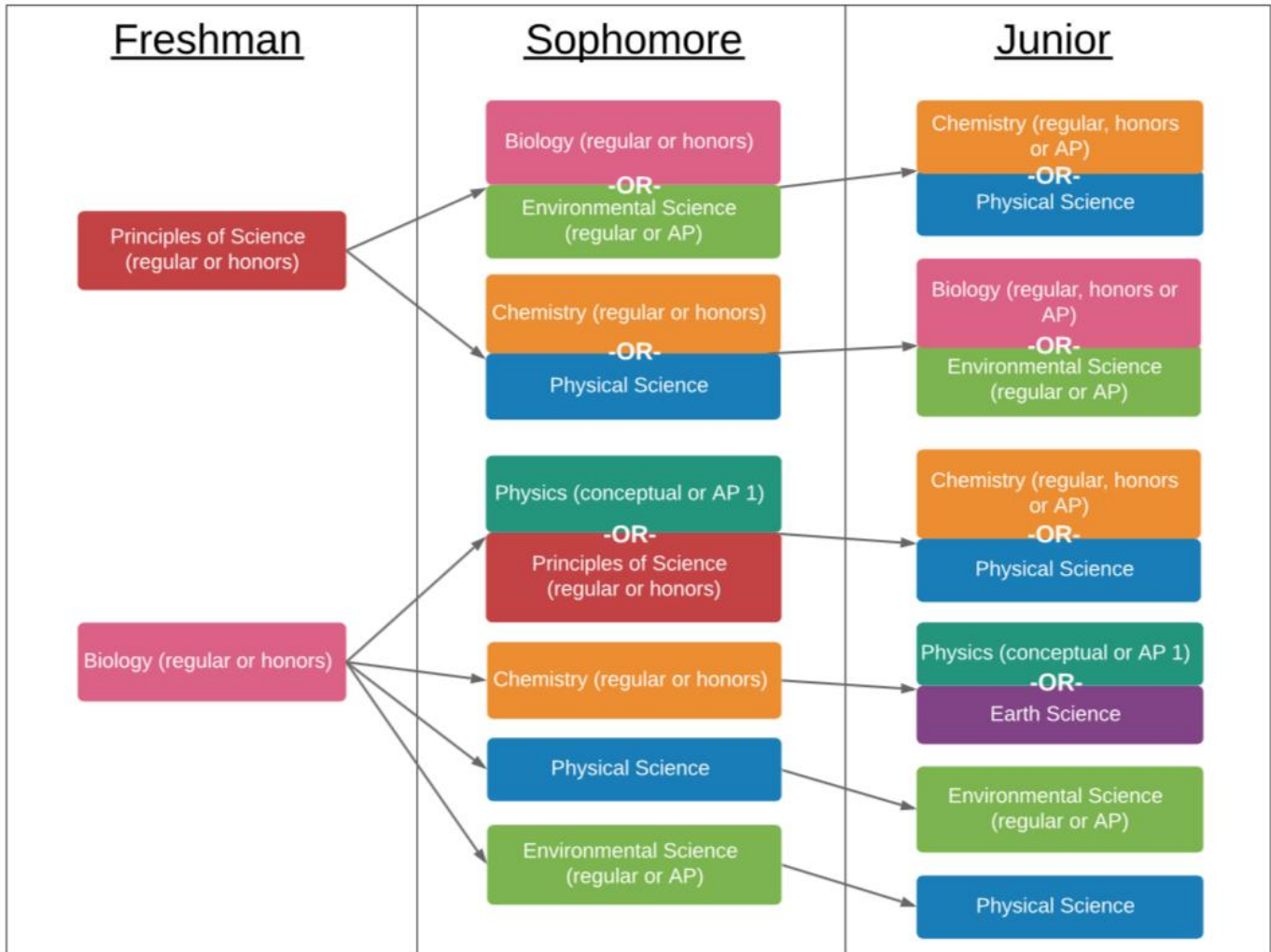
SCIENCE

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.

AFUHSD Science Essential Pathways

Delsey Olds | November 20, 2019



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

*To view a Millennium specific version with IB options, click here: [MHS Specific Pathways](#)

College and Career Prep Pathways (General, Environmental, Life)			
College and Career Prep - General Science			
9th Grade (required)	10th Grade (required)	11th Grade (required)	12th Grade
Biology (regular or honors)	Chemistry (honors or regular) or Physical Science	Conceptual Physics or AP Physics 1 (Algebra 2 corequisite) or Earth Science	*Strongly Recommended 4th Year Science Credit: AP Biology AP Environmental Sci. AP Chemistry AP Physics (1,2 or C) Honors Physics Honors A&P Environmental Science Forensic Science Earth Science
	Conceptual Physics or AP Physics 1 (Algebra 2 corequisite) or Earth Science	Chemistry (regular, honors or AP) or Physical Science	
College and Career Prep - Environmental Science Emphasis			
9th Grade (required)	10th Grade (required)	11th Grade (required)	12th Grade
Principles of Science (regular or honors)	Chemistry (honors or regular) or Physical Science	Environmental Science (regular or AP)	*Strongly Recommended 4th Year Science Credit: AP Biology AP Environmental Sci. AP Chemistry AP Physics (1,2 or C) Honors Physics Honors A&P Environmental Science Forensic Science Earth Science
	Environmental Science (regular or AP)	Chemistry (regular, honors or AP) or Physical Science	
College and Career Prep - Life Science Emphasis			
9th Grade (required)	10th Grade (required)	11th Grade (required)	12th Grade
Biology (regular or honors)	Physical Science	Environmental Science (regular or AP)	*Strongly Recommended 4th Year Science Credit: AP Biology AP Environmental Sci. AP Chemistry AP Physics (1,2 or C) Honors Physics Honors A&P Environmental Science Forensic Science Earth Science
	Environmental Science (regular or AP)	Physical Science	

Specific Careers Prep Pathways (Health and Engineering/Physics)			
College and Career Prep - Health Careers (Doctor, Nurse, Athletic Trainer, PA, etc.)			
9th Grade (required)	10th Grade (required)	11th Grade (required)	12th Grade
Biology (regular or honors)	Chemistry (honors or regular) or Physical Science	Conceptual Physics or AP Physics 1 (Algebra 2 corequisite)	*Strongly Recommended 4th Year Science Credit
	Conceptual Physics or AP Physics 1 (Algebra 2 corequisite)	Chemistry (regular, honors or AP) or Physical Science	
The following courses are strongly recommended alongside the course sequence listed above (as a junior corequisite or two senior-level courses).			
AP Biology or AP Chemistry and Honors A&P			

College and Career Prep - Physics/Engineering			
9th Grade (required)	10th Grade (required)	11th Grade (required)	12th Grade
Biology (regular or honors)	Chemistry (honors or regular) or Physical Science	Conceptual Physics or AP Physics 1 (Algebra 2 corequisite)	*Strongly Recommended 4th Year Science Credit
	Conceptual Physics or AP Physics 1 (Algebra 2 corequisite)v	Chemistry (regular, honors or AP) or Physical Science	
The following courses are strongly recommended alongside the course sequence listed above (as a junior corequisite or two senior-level courses).			
AP Physics 2 and AP Physics C (Mechanics or Electricity/Magnetism)			

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.

SCI7020 INTEGRATED SCIENCE* A/B

Integrated science is a combination of basic chemistry and physics. The course is designed to give students general knowledge of the physical sciences, develop thinking skills, and to relate the knowledge and skills to everyday life.

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 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

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

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

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

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

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

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.

SCI7230 PHYSICS A/B: FRESHMAN

This course seeks to familiarize students with the basic laws and forces that govern all physical events in the world around them. This course uses class and laboratory experience to aid discovery, inspire curiosity, and aid understanding of the basic principles of physics. Students will use inductive and deductive reasoning along with cause and effect relationships to solve problems. This course involves mathematics at the algebra level, using calculators and graphing work. Students in this course will gain experience learning and following a scientific method that will provide a way of thinking that will be useful in almost all future studies. Emphasis is placed on conceptual physics; study of forces, laws of motion energy, simple machine function; and basic chemistry; study of the periodic table, atomic structure, molecular bonding and classification of matter. Students should have taken or be concurrently enrolled in Algebra I.

SCI7240 HONORS PHYSICS A/B: FRESHMAN

This course explores in greater depth the concepts presented in Physics A/B: Freshman. This course uses class and laboratory experience to aid discovery, inspire curiosity, and aid understanding of the basic principles of physics and to help students understand the physical world around them. Mathematics is involved in this course. Students will use inductive and deductive reasoning along with cause and effect relationships to solve problems. Emphasis is placed on conceptual physics, atomic structure, molecular bonding and classification of matter. Students should have above average scientific abilities and be able to handle the rigor of an honors level course. Students should have taken or be concurrently enrolled in Algebra I.

SCI7330 AP PHYSICS I: ALGEBRA BASED A/B

This 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. 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

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 judgement 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, and increased understanding, and an appreciation of 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.

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

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

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

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

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.

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

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 Medically Fragile 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).

IPD0407 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).

IPD0417 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).

IPD0427 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 elective 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 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 elective 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 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 elective 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 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 elective 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 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 IA/ENGLISH IB

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. **Students will receive 1.0 credit in English upon completion of this two semester course (0.5 credit each semester).**

ENG6027 ENGLISH IIA/ENGLISH IIB

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).**

ENG6047 ENGLISH IIIA/ENGLISH IIIB

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. **Students will receive 1.0 credit of English upon completion of this two semester course (0.5 credit each semester).**

ENG6067 ENGLISH IV A/ENGLISH IV 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. **Students will receive 1.0 credit in English upon completion of this two semester course (0.5 credit each semester).**

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. **Students will receive 1.0 credit in Mathematics upon completion of this two semester course (0.5 credit each semester).**

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. **Students will receive 1.0 credit in Mathematics upon completion of this two semester course (0.5 credit each semester).**

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. **Students will receive 1.0 credit in Mathematics upon completion of this two semester course (0.5 credit each semester).**

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 with 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. **Prerequisite: Algebra IA/IB. Students will receive 1.0 credit in Mathematics upon completion of this two semester course (0.5 credit each semester).**

SCI7027 INTEGRATED SCIENCE A/B

Integrated science is a combination of basic chemistry, biology, and physics. The course is designed to give students general knowledge of both physical and life sciences, developing thinking skills, and to relate the knowledge and skills to everyday life. All content is aligned to the Arizona State Standards. **Students will receive 1.0 credit in Science upon completion of this two semester course (0.5 credit each semester).**

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. **Students will receive 1.0 credit in Science upon completion of this two semester course (0.5 credit each semester).**

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. **Students will receive 1.0 credit in Social Science upon completion of this two semester course (0.5 each semester).**

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. **Students will receive 1.0 credit in Social Science upon completion of this two semester course (0.5 credit each semester).**

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. **Students will receive 0.5 credit in Social Science upon completion of this 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. **Students will receive 0.5 credit in Social Science upon completion of this 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 will receive 0.5 elective credit upon completion of this single semester course. 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.

CAREER AND TECHNICAL EDUCATION (CTE)

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		✓					75
	✓	✓	✓	CTE2670	AFJROTC II A/B	0.5/0.5	AFJROTC I A/B	✓					75
		✓	✓	CTE2680	AFJROTC III A/B	0.5/0.5	AFJROTC II A/B	✓					75
			✓	CTE2690	AFJROTC IV A/B	0.5/0.5	AFJROTC III A/B	✓					75
AGRISCIENCE													
✓	✓			CTE2780	Agriscience I A/B	0.5/0.5			✓	✓			76
	✓	✓	✓	CTE2790	Agriscience II A/B	0.5/0.5	Agriscience I		✓	✓			76
		✓	✓	CTE2800	Agriscience III A/B	0.5/0.5	Agriscience II		✓	✓			76
			✓	CTE2810	Agriscience IV A/B	0.5/0.5	Agriscience III		✓	✓			76
			✓	CTE2860	Agriscience Internship A/B	0.5/0.5	Agriscience I, II, III A/B, Application		✓	✓			76
ARCHITECTURE INTERIOR DESIGN													
✓	✓	✓		CTE2330	Architecture Interior Design I A/B	0.5/0.5				✓			76
	✓	✓	✓	CTE2340	Architecture Interior Design II A/B	0.5/0.5	Architecture Interior Design I A/B			✓			77
		✓	✓	CTE2750	Architecture Interior Design III A/B	0.5/0.5	Architecture Interior Design II A/B			✓			77
			✓	CTE2350	Architecture Interior Design Internship A/B	0.5/0.5	Architecture Interior Design I, II			✓			77

CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE *(Cont'd)*

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
AP COMPUTER SCIENCE/CODING													
✓	✓	✓	✓	CTE2530	AP Computer Science Principles: Coding I A/B	0.5/0.5	Algebra I or higher	✓	✓			✓	77
	✓	✓	✓	CTE2620	AP Computer Science Coding II A/B	0.5/0.5	AP Computer Science Principles: Coding I A/B	✓	✓			✓	77
			✓	CTE2760	AP Computer Science Coding Internship A/B	0.5/0.5	AP Computer Science Principles: Coding I, II	✓	✓			✓	77
BAKING AND PASTRY													
✓	✓	✓		CTE2820	Baking and Pastry I A/B	0.5/0.5					✓		78
	✓	✓	✓	CTE2830	Baking and Pastry II A/B	0.5/0.5	Baking and Pastry I A/B					✓	78
			✓	CTE2840	Baking & Pastry Internship A/B	0.5/0.5	Baking and Pastry I, II A/B					✓	78
BIOSCIENCE (NOT OFFERED IN 22-23)													
		✓		CTE2700	BioScience I A/B	0.5/0.5	Biology, Algebra I, II		✓				78
			✓	CTE2710	BioScience II A/B	0.5/0.5	BioScience I		✓				78
CONSTRUCTION													
✓	✓	✓		CTE2240	Construction I A/B	0.5/0.5		✓					79
	✓	✓	✓	CTE2250	Construction II A/B	0.5/0.5	Construction I A/B	✓					79
			✓	CTE2260	Construction Internship A/B	0.5/0.5	Construction I, II A/B, Application	✓					79
CULINARY ARTS													
✓	✓	✓		CTE2200	Culinary Arts I A/B	0.5/0.5						✓	79

	✓	✓	✓	CTE2210	Culinary Arts II A/B	0.5/0.5	Culinary Arts I A/B				✓		79
			✓	CTE2230	Culinary Arts Internship A/B	0.5/0.5	Culinary Arts I, II A/B, Applic.				✓		80

DIGITAL PHOTOGRAPHY (CTE)

✓	✓	✓		CTE2540	Digital Photography I A/B	0.5/0.5					✓	✓	80
	✓	✓	✓	CTE2740	Digital Photography II A/B	0.5/0.5	Digital Photography I A/B				✓	✓	80
			✓	CTE2770	Digital Photography Intern. A/B	0.5/0.5	Digital Photography I, II, (CTE)				✓	✓	80

CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE *(Cont'd)*

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
EARLY CHILDHOOD EDUCATION													
✓	✓	✓	✓	CTE2270	Early Childhood Education I A/B	0.5/0.5		✓			✓		80
	✓	✓	✓	CTE2280	Early Childhood Education II A/B	0.5/0.5	Early Childhood I A/B	✓			✓		81
			✓	CTE2290	Early Childhood Education Internship A/B	0.5/0.5	Early Childhood I, II A/B, Application	✓			✓		81
ENGINEERING													
✓	✓	✓		CTE2560	Engineering I A/B	0.5/0.5	Algebra I or higher					✓	81
	✓	✓	✓	CTE2570	Engineering II A/B	0.5/0.5	Engineering I A/B, Algebra I or higher					✓	81
		✓	✓	CTE2580	Engineering III A/B	0.5/0.5	Engineering II A/B, Geometry					✓	81
			✓	CTE2590	Engineering IV - Honors Engineering A/B	0.5/0.5	Engineering III, Algebra III or Pre-Calculus					✓	81
			✓	CTE2400	Engineering Internship A/B	0.5/0.5	Engineering I A/B, Engineering II A/B, Engineering III A/B, Application					✓	82

FILM & TV PRODUCTION

✓	✓	✓	✓	CTE2490	Film & TV Production I A/B	0.5/0.5		✓	✓	✓	✓	✓	82
	✓	✓	✓	CTE2500	Film & TV Production II A/B	0.5/0.5	Film & TV Production I A/B	✓	✓	✓	✓	✓	82
		✓	✓	CTE2510	Film & TV Production III A/B	0.5/0.5	Film & TV Production I & II A/B	✓	✓	✓	✓	✓	82
			✓	CTE2550	Honors Film & TV Production IV A/B	0.5/0.5	Film & TV Production III A/B	✓	✓	✓	✓	✓	83
			✓	CTE2520	Film & TV Production Internship A/B	0.5/0.5	Film & TV Production I, II, III, A/B Application	✓	✓	✓	✓	✓	83

GRAPHIC DESIGN													
✓	✓	✓	✓	CTE2440	Graphic Design I A/B	0.5/0.5		✓	✓	✓	✓	✓	83
	✓	✓	✓	CTE2450	Graphic Design II A/B	0.5/0.5	Graphic Design I A/B	✓	✓	✓	✓	✓	83
		✓	✓	CTE2460	Graphic Design III A/B	0.5/0.5	Graphic Design I & II A/B	✓	✓	✓	✓	✓	83
			✓	CTE2480	Graphic Design Internship A/B	0.5/0.5	Graphic Design I, II, III A/B, Application	✓	✓	✓	✓	✓	83

CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE (Cont'd)														
Grade				Course #	Name of Course	Credit	Prerequisite	School					Page	
9	10	11	12					A	C	D	M	V		
LAW & PUBLIC SAFETY														
✓	✓	✓		CTE2410	Law & Public Safety/Security I A/B	0.5/0.5		✓						84
	✓	✓	✓	CTE2420	Law & Public Safety/Security II A/B	0.5/0.5	Law & Public Safety/Security I A/B	✓						84
			✓	CTE2430	Law & Public Safety/Security Internship A/B	0.5/0.5	Law & Public Safety/Security I, II, A/B, Application	✓						84
LIVE ENTERTAINMENT PRODUCTIONS														
✓	✓	✓		CTE	Live Entertainment Productions	1.0		✓	✓	✓	✓	✓		84
MARKETING														

✓	✓	✓	✓	CTE2110	Marketing Principles I A/B	0.5/0.5		✓	✓	✓	✓	✓	84
	✓	✓	✓	CTE2120	Marketing Principles II A/B	0.5/0.5	Marketing Principles I A/B	✓	✓	✓	✓	✓	84
			✓	CTE2130	Marketing Principles Internship A/B	0.5/0.5	Marketing Principles I, II A/B, Application	✓	✓	✓	✓	✓	85
MEDICAL ASSISTING													
		✓	✓	CTE2630	Medical Assisting I A/B	0.5/0.5	Biology		✓				85
			✓	CTE2640	Medical Assisting II A/B	0.5/0.5	Medical Assisting I		✓				85
			✓	CTE2850	Medical Assisting II Lab	0.5/0.5	Concurrently w/ Med Assisting II		✓				85
SPORTS MEDICINE													
✓	✓	✓	✓	CTE2070	Sports Medicine I A/B	0.5/0.5		✓	✓	✓	✓	✓	86
	✓	✓	✓	CTE2080	Sports Medicine II A/B	0.5/0.5	Sports Medicine I A/B	✓	✓	✓	✓	✓	86
		✓	✓	CTE2650	Rehabilitation & Therapeutic Modalities A/B	0.5/0.5	Sports Medicine I & II	✓	✓	✓	✓	✓	86
			✓	CTE2090	Sports Medicine Internship A/B	0.5/0.5	Sports Medicine I, II A/B, Applic.	✓	✓	✓	✓	✓	86

CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE													
Located on West-MEC Campuses(application required)													
(Please contact school site counselor or 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

Located on West-MEC Campuses(application required)

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Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
AVIONICS/DRONE ELECTRONICS (Two Years)												
		✓	✓	WES3160	Avionics/Electronic Technologies I ET101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3170	Avionics/Electronic Technologies II ET102	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3180	Avionics/Electronic Technologies III ET201	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES3190	Avionics/Electronic Technologies IV ET202	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	✓	✓	✓		✓	

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	✓	✓	✓	✓	✓

CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

Located on West-MEC Campuses(application required)

(Please contact school site counselor or west-mec.edu for more course information)

Grade				Course #	Name of Course	Credit	School					
9	10	11	12				A	C	D	M	V	
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	✓	✓	✓	✓	✓	
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	2.5	✓	✓	✓	✓	✓	
		✓	✓	WES4010	Construction Technologies II GC104	2.5	✓	✓	✓	✓	✓	

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	
HAIRSTYLING (Two Years)												
		✓	✓	WES4100	Hairstyling Foundations I HS101	1.5	✓	✓	✓	✓	✓	
		✓	✓	WES4110	Hairstyling Foundations II HS102	1.5	✓	✓	✓	✓	✓	
		✓	✓	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	✓	✓	✓	✓	✓	
MEDICAL ASSISTING (One Year)												
		✓	✓	WES3710	Medical Assisting Services I MA103	2.75	✓		✓	✓	✓	
		✓	✓	WES3720	Medical Assisting Services II MA104	2.75	✓		✓	✓	✓	

CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE

Located on West-MEC Campuses(application required)

(Please contact school site counselor or 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 (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	✓	✓	✓	✓	✓	
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	✓	✓	✓	✓	✓	

CAREER AND TECHNICAL EDUCATION PROGRAMS AT A GLANCE													
Located on West-MEC Campuses(application required)													
(Please contact school site counselor or west-mec.edu for more course information)													
Grade				Course #	Name of Course	Credit	School						
9	10	11	12				A	C	D	M	V		
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	✓	✓	✓	✓	✓	
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	✓	✓	✓	✓	✓	

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

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 AFUHSD 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 1072; 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

- 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.

ARCHITECTURE INTERIOR DESIGN PROGRAM

- Bring artistic vision to life through custom projects that integrate color, texture, space, line, furnishings, and building material
- Design floor plans and elevations using computer software and manual drafting techniques
- Create tending home and retail space environments for clients
- Students will have opportunities to develop leadership skills through participation in FCCLA.
- Chief Architecture Certification opportunity in Level II

CTE2330 ARCHITECTURE INTERIOR DESIGN I A/B

This project driven course focuses on interior environments. Students will discover ways to enhance spaces using knowledge based on the physiological, psychological and sociological needs of people. Students will be able to create a scale drawing of spaces as well as understand the basic construction of homes and furniture. This course will also create an awareness of the following topics; principles and elements of design, consumer decision making, safety, as well as care and maintenance of interiors. Prerequisite: None **Fee required.**

CTE2340 ARCHITECTURE INTERIOR DESIGN II A/B

This course is designed for students to continue the development of the skills and technical knowledge necessary for entry into Interior Design and Merchandising occupations. The students will expand upon the knowledge they gained in Architecture Interior Design I and focus on project-based learning providing the student with real world application of design skills. Students will have the opportunity to earn the Chief Architect Student Certification. Prerequisite: Architecture Interior Design I. **Fee required.**

CTE2750 ARCHITECTURE INTERIOR DESIGN III A/B

In this course students will demonstrate their ability to think and work as designers as they interpret and create set designs for a particular scene of play or screenplay and create residential design plans for real clients. Students will also demonstrate their understanding of the elements of design and the business processes used in interior design studios. Prerequisite: Architecture Interior Design II. **Fee required.**

CTE2350 ARCHITECTURE INTERIOR 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, workplace employability skills will be the focus of the career and college portfolio as the capstone project. Prerequisites: Architecture Interior Design I & II, and submit an Application.

AP COMPUTER PROGRAMMING & CODING 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 Computer Programming & Coding will have opportunities to develop leadership skills through participation in FBLA

CTE2530 AP COMPUTER SCIENCE PRINCIPLES: CODING 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 to 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. AP Computer Science curriculum is used in this class. Prerequisite: Algebra I **Fee Required.**

CTE2620 AP COMPUTER SCIENCE: CODING 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: AP Computer Science Principles: Coding I. **Fee Required.**

CTE2760 AP COMPUTER SCIENCE: CODING 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: AP Computer Science Principles: Coding I & II, and submit an Application.

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

CTE2820 BAKING AND PASTRY I A/B

Encompasses a large variety of commercial baking principles with production of quick breads, yeast breads, cakes, cookies, and pies. Students can pursue national certification. Baking and Pastry's emphasis is on developing hands-on skills with baked products along with the proper theory behind the chemistry of baking. **Fee required.**

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.**

BIOSCIENCE PROGRAM *(Not offered in 2022-2023)*

- Explore concepts of biology and medicine to determine the factors that led to the death of a fictional person
- Determine the identity of a skeleton using both forensic anthropology and DNA
- Investigate how to prevent, diagnose and treat disease in a fictional family
- This program is a planned sequence of instruction consisting of two one-credit courses.
- Students enrolled in the Bioscience Program will have the opportunity to develop leadership skills through participation in HOSA

CTE2700 BIOSCIENCE I A/B

This course is the field of study used in many disciplines of science and technology, including cell biology, forensics, genetics, cancer biology, plant science, pharmacy, ecology, and anthropology. This course is designed to provide students with the knowledge, skills, and applications to pursue further study in a biotech-related field and seek employment in the industry. The safe and proficient use of lab equipment and management of supplies is another major focus on the course. Prerequisite: Biology, completion or concurrent enrollment in Algebra II. **Fee required.**

CTE2710 BIOSCIENCE II A/B

Bioscience is a cutting-edge field of study used in many disciplines of science and technology, including cell biology, forensics, genetics, cancer biology, plant science, pharmacy, ecology and anthropology. This course is designed to provide students with the knowledge, skills and applications to pursue further study in a biotech-related field and seek employment in the industry. The safe and proficient use of lab equipment and management of supplies is another major focus of the course. Prerequisite: BioScience 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.

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.

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.

EARLY CHILDHOOD 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 EdRising
- Certification available in this two course sequence program

CTE2270 EARLY CHILDHOOD EDUCATION I A/B

Students learn skills for interacting with children and for effective caregivers. Students explore career options related to children. Educators Rising standards will be an integral part of this class. **Fee required.**

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.

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

This course is designed to introduce students to the world of engineering design and problem solving through the design process. The course is designed for any student who intends to pursue future training in any engineering program or technical industry. Students will apply mathematical and scientific concepts and models when being introduced to the fundamentals of mechanical, structural (civil, architectural and green technology), aeronautical, and robotic engineering and electrical concepts. Computer assisted instruction, lab activities and classroom discussions will be used to create a foundation for problem solving and engineering concepts. Prerequisite: A minimum of Algebra I. **Fee required.**

CTE2570 ENGINEERING II A/B

This course builds on skills learned in Engineering while introducing students to electrical engineering, control systems, the application of green technologies, three dimensional modeling, computer aided manufacturing (CNC) and advanced robotics concepts (i.e. VEX). Students will be introduced to state of the art robotic software. Students will apply concepts of mechanical, electrical and control systems in various design problems. This course will continue to develop technical communication literacy (reading, writing, and speaking). Prerequisites: Engineering I and Algebra I. **Fee required.**

CTE2580 ENGINEERING III A/B

This course applies engineering technology and skills to the manufacturing processes while recognizing that engineering is a human endeavor intended to address the needs of global society. Students will use advanced engineering design, production, and programming techniques for Mobile Robotics (VEX), Robotic Arm, 3-Dimensional Modeling, and Computer Numerical Control (CNC). Students will incorporate mathematical and scientific modeling and processes in order to solve real world manufacturing and production problems. Students will investigate the impact of manufacturing and robotics on both local and global societies. Prerequisites: Engineering II and Geometry. **Fee required.**

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.

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.

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.

LAW, 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.

LIVE ENTERTAINMENT PRODUCTION

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.**

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 class 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.**

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.

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.**

CTE2850 MEDICAL ASSISTING II LAB A/B

The Medical Assisting II course should be taken simultaneously or consecutively with this course. Skills learned in the courses include Medical Assisting, HealthCare provider CPR and First Responder training. Students will spend 45-50 clinical hours observing and or volunteering in Medical Assisting within a healthcare organization. Prerequisite: Medical Assisting I. **Fee required.**

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 REHABILITATION AND THERAPEUTIC MODALITIES 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.

ONLINE

ONLINE (OL) COURSES THROUGH AGUA FRIA ONLINE at COLDWATER ACADEMY

PROGRAMS AT A GLANCE

				Course #	Name of GradeCourse	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
ENGLISH													
✓	✓	✓	✓	ENG6333/ 6334	OL English I A/B	0.5/0.5		✓	✓	✓	✓	✓	109
✓	✓	✓	✓	ENG6343/ 6344	OL English II A/B	0.5/0.5	Original Credit Online Prerequisite: English I A/B	✓	✓	✓	✓	✓	109
✓	✓	✓	✓	ENG6353/ 6354	OL English III A/B	0.5/0.5	Original Credit Online Prerequisite: English II A/B	✓	✓	✓	✓	✓	109
✓	✓	✓	✓	ENG6363/ 6364	OL English IV A/B	0.5/0.5	Original Credit Online Prerequisite: English III A/B	✓	✓	✓	✓	✓	110
✓	✓	✓	✓	ENG6385	OL Media Studies	0.5		✓	✓	✓	✓	✓	110
INTERNATIONAL LANGUAGES													
✓	✓	✓	✓	LAN9193/ 9194	OL Spanish I A/B	0.5/0.5		✓	✓	✓	✓	✓	110
✓	✓	✓	✓	LAN9203/ 9204	OL Spanish II A/B	0.5/0.5	Spanish I or placement test	✓	✓	✓	✓	✓	111
✓	✓	✓	✓		OL Spanish III A/B	0.5/0.5	Spanish II or placement test	✓	✓	✓	✓	✓	
✓	✓	✓	✓	LAN9060	OL French I A/B	0.5/0.5		✓	✓	✓	✓	✓	111
✓	✓	✓	✓	LAN9070	OL French II A/B	0.5/0.5	French I or placement test	✓	✓	✓	✓	✓	111
FINE ARTS													
✓	✓	✓	✓	FIN5435	OL Digital Arts	0.5		✓	✓	✓	✓	✓	111
✓	✓	✓	✓	FIN5423/ 5424	OL Art History A/B	0.5/0.5		✓	✓	✓	✓	✓	111

Note: Not all classes may be offered each semester.

* indicates additional fee required (fee must be paid in full prior to start of course)

**CEC courses do not fulfill CTE completion requirements

***No NCAA version available

ONLINE (OL) COURSES THROUGH AGUA FRIA ONLINE (Cont'd)

PROGRAMS AT A GLANCE

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
**CAREER ELECTIVE CREDIT													
✓	✓	✓	✓	CEC1005	OL Agriculture Education	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1015	OL Career Management	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1025	OL Early Childhood Development & Services	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1035	OL Engineering & Design	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1045	OL Food Safety & Sanitation	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1055	OL Office 2013 Applications I	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1065	OL Office 2013 Applications II	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1075	OL Principles of Technology & Engineering	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1085	OL Principles of Business & Finance	0.5		✓	✓	✓	✓	✓	112
✓	✓	✓	✓	CEC1095	OL Technology & Business	0.5		✓	✓	✓	✓	✓	113
PHYSICAL EDUCATION													
✓	✓	✓	✓	PHY0625	OL Health	0.5		✓	✓	✓	✓	✓	113
✓	✓	✓	✓	PHY0635	OL Physical Education	0.5		✓	✓	✓	✓	✓	113
✓	✓	✓	✓	PHY0645	OL Physical Fitness	0.5		✓	✓	✓	✓	✓	113

Note: Not all classes may be offered each semester.

* indicates additional fee required (fee must be paid in full prior to start of course)

**CEC courses do not fulfill CTE completion requirements

***No NCAA version available

ONLINE (OL) COURSES THROUGH AGUA FRIA ONLINE (Cont'd)

PROGRAMS AT A GLANCE

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
MATH													
✓	✓	✓	✓	MAT4253/ 4254	OL Algebra I A/B	0.5/0.5		✓	✓	✓	✓	✓	113
✓	✓	✓	✓	MAT4263/ 4264	OL Algebra II A/B	0.5/0.5	Algebra 1B or Honor Algebra I	✓	✓	✓	✓	✓	114
✓	✓	✓	✓	MAT4273/ 4274	OL Algebra III A/B	0.5/0.5	Algebra II A/IB	✓	✓	✓	✓	✓	114
✓	✓	✓	✓	MAT4293/ 4924	OL Financial Literacy	0.5/0.5	Geometry, Algebra II	✓	✓	✓	✓	✓	114
✓	✓	✓	✓	MAT4283/ 4284	OL Geometry A/B	0.5/0.5	Algebra II	✓	✓	✓	✓	✓	115
		✓	✓	MAT4303/ 4304	OL Pre-Calculus A/B	0.5/0.5	Algebra II	✓	✓	✓	✓	✓	115
SCIENCE													
✓	✓	✓	✓	SCI7273/ 7274	OL Biology A/B	0.5/0.5		✓	✓	✓	✓	✓	115
✓	✓	✓	✓	SCI7283/ 7284	OL Chemistry A/B	0.5/0.5	Algebra I, Biology	✓	✓	✓	✓	✓	116
✓	✓	✓	✓	SCI7293/ 7294	OL Earth Science A/B	0.5/0.5		✓	✓	✓	✓	✓	116
✓	✓	✓	✓	SCI7303/ 7304	OL Environmental Science A/B	0.5/0.5	Biology	✓	✓	✓	✓	✓	116
✓	✓	✓	✓	SCI7313/ 7314	OL Integrated Science A/B	0.5/0.5		✓	✓	✓	✓	✓	117
✓	✓	✓	✓	SCI7323/ 7324	OL Physics A/B	0.5/0.5	Algebra I	✓	✓	✓	✓	✓	117

Note: Not all classes may be offered each semester.

* indicates additional fee required (fee must be paid in full prior to start of course)

**CEC courses do not fulfill CTE completion requirements

***No NCAA version available

ONLINE (OL) COURSES THROUGH AGUA FRIA ONLINE (Cont'd)

PROGRAMS AT A GLANCE

Grade				Course #	Name of Course	Credit	Prerequisite	School					Page
9	10	11	12					A	C	D	M	V	
SOCIAL SCIENCE													
✓	✓	✓	✓	SOC8153/ 8154	OL American/AZ History A/B	0.5/0.5		✓	✓	✓	✓	✓	117
✓	✓	✓	✓	SOC8165	OL Economics	0.5		✓	✓	✓	✓	✓	117
✓	✓	✓	✓	SOC8175	OL Government	0.5		✓	✓	✓	✓	✓	118
✓	✓	✓	✓	SOC8183/ 8184	OL World History A/B	0.5/0.5		✓	✓	✓	✓	✓	118
✓	✓	✓	✓	SOC8213/ 8214	OL World Geography A/B	0.5		✓	✓	✓	✓	✓	118
✓	✓	✓	✓	SOC8075	OL Psychology	0.5		✓	✓	✓	✓	✓	118

Note: Not all classes may be offered each semester.

* indicates additional fee required (fee must be paid in full prior to start of course)

**CEC courses do not fulfill CTE completion requirements

***No NCAA version available

Agua Fria Online

(COURSEWORK FOR AGUA FRIA ONLINE PROVIDED THROUGH EDGENUITY)

TABLE OF CONTENTS

[Entrance Requirements](#)

[Semester Dates](#)

[Courses Offered](#)

[Graduation Requirements](#)

[Student Progress Expectations](#)

[Assessments](#)

[Information for Parents](#)

[Student Privacy](#)

[IT User Agreement](#)

[Student Code of Conduct](#)

[Plagiarism](#)

[Time Tracking](#)

ENTRANCE REQUIREMENTS

Students may attend Agua Fria Online (@Coldwater Academy) full time, if they live within the Agua Fria Union High School District boundaries, are age appropriate for high school, and credit current.

Students who are currently attending one of the AFUHSD schools and would like to take an additional course are also eligible to do so. These processes will originate with the student's counselor.

In order to register for Agua Fria Online (@Coldwater Academy), students must have withdrawn from their home campus, and [follow these steps](#) for Agua Fria Online enrollment. In **2022** the registration process will strongly recommend a conference with the student's counselor prior to withdrawal from the campus school.

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. If AFO is found to meet the student's needs, a semester success check in will be scheduled ([ARS §15-808 G](#)), and the student may proceed with a withdrawal from their home campus and enroll in AFO.

SEMESTER DATES

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

First Semester 2022-2023 - August 8 - December 23, 2022

Second Semester 2022-2023 - January 9 - May 25, 2023

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 class. 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](#)

Edgenuity courses do not use the same names as those from AFUHSD, but they are similar. For example, in AFUHSD the English course a Freshman takes is English I A/B, and in Edgenuity it is English Language Arts 9. Edgenuity courses follow the same standards as campus based courses, and will follow the same prerequisite requirements as AFUHSD campus based courses as described in the [2022-2023 Course Description Book](#).

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)*
A total of 22 credits are required for the 2022-2023 school year for graduation. These credits shall be earned as follows: English 4 credits English IA/B, English IIA/B, English IIIA/English IIIB, English IV A/English IV B Mathematics 4 credits Algebra 1A/Algebra IB, Geometry A/B, Algebra IIA/Algebra IIB, and one additional math course that includes significant mathematics content. Science 3 credits <i>Three (3) lab science courses - see pathways below for options.</i> Options Social Science 3 credits (World History, Am/AZ History, Government/Free Enterprise) Personal Development (P.E. & Health) 1 credit *International Languages 1 credit	The Arizona Board of Regents outlines academic competency required for entrance into Arizona universities. Minimum requirements in the content areas below are as follows: English 4 credits (1-2, 3-4, 5-6, 7-8) Mathematics 4 credits (Algebra 1-2, Geometry 1-2, Algebra 3-4, and one additional math course with Algebra 3-4 as a prerequisite) Lab Science 3 credits Three lab science courses Social Science 2 credits (U.S. History and one other) *International Languages 2 credits (of the same language) *Fine Arts or CTE 1 credit

*Fine Arts or CTE Electives	2 credits 4 credits	
	22 total credits	

The chart below does not include the variety of Fine Arts, CTE or Electives required or offered. Refer back to the Course Catalog to see Fine Arts, CTE and Electives.

AFUHSD Course Titles	Edgenuity Course Titles
English I	English Language Arts 9
English II	English Language Arts 10
English III	English Language Arts 11
English IV	English Language Arts 12
Algebra I	Algebra I
Geometry	Geometry
Algebra II	Algebra II
Fourth Year Math	Precalculus or Financial Math or Statistics
Lab Science - 3 required	Biology, Chemistry, Environmental Science, Earth and Space Science
World History	World History
Am/AZ History	U.S. History
Government/Free Enterprise	Government/Economics
PE & Health	Lifetime Fitness/Contemporary Health
International Language	Spanish, French, German*

*German is not available at this time.

STUDENT PROGRESS EXPECTATIONS

For the 2022-2023 school year, campus based students' first semester *starts on August 8, 2022 and ends on December 23, 2022*. All first semester courses must be completed, and finals taken on or before December 23, 2022 (staff do not work during the holiday break). Second semester *starts on January 9, 2023 and ends on May 25, 2023*. All 9th, 10th, and 11th graders must complete second semester courses and take finals on or before May 25, 2023. Graduating 12th grade students must complete all courses and take finals on or before May 11, 2023 if they are participating in graduation ceremonies.

Students who do not finish their courses within the 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 school year or sooner. For students who do not finish their courses within the semester, they will receive an I on their transcript. During the first semester, students will have until the last school day in January to finish the course and have the grade changed from an I to A-F. If on the first day of February, the student has not finished the course, the I will be changed to a grade reflecting the student's progress including the unfinished assignments and assessments. Students who do not finish the second semester will have until the last day of Summer School to complete the course and change the I to a letter grade, or receive the grade reflecting the student's progress including the unfinished assignments and assessments.

At least once a school year, the Supervising Teacher will host a progress review. If the student's achievement declines during online learning, there may be a determination, ["whether the pupil should be allowed to continue to participate in AOI."](#) (ARS §15-808).

ASSESSMENTS

In addition to all tests, quizzes and final exams within courses, students taking courses at AFO for which there is a district benchmark will also take the district benchmark test. Students will also be required to take state exams. Students will schedule their final exams with their Supervising Teacher. All online final exams will be taken using a district issued device while logged in to GoGuardian during the exam. Students in courses with a district benchmark will take the benchmark test at their home campus. Upon registration, Students will be informed of which classes have benchmarks, and the timeframes to take those assessments.

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

Students at AFO enjoy the same rights and responsibilities of all AFUHSD students. Refer to the [Student Handbook, Rights & Responsibilities for details](#).

Please note that with all classes asynchronous and online, students have less supervision to see to their work being their own. The first time a student is caught plagiarising, whether intentional or not, their class will be put on hold until they complete a redirection activity and conference with their counselor. If there is a second incident in the same class, that class will be closed, the student will be withdrawn from that class and they will be able to take it in person on campus.

PLAGIARISM 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 Academic Integrity Online Reflection. Upon completion of the Academic Integrity Online Reflection, the class will be reopened. In the same online class, if a second incident of plagiarism, intentional or not, is caught, the class will be closed. Students will be able to take the class during the regular school year in-person, or in summer school, if it is offered in-person.

Time Tracking

Update coming soon.



2022-2023 COURSE FEES

Course	Fee	Course	Fee
Fine Arts		CTE	
Fine Arts – Art (single semester courses)	25.00	CTE - Air Force Junior ROTC	10.00
Fundamentals of Art	20.00	CTE – Agricultural Education	10.00
Fine Arts – Dance (single semester courses)	15.00	CTE - Bioscience	10.00
Fine Arts – Music (single semester courses)	15.00	CTE - Computer Programming and Coding	10.00
Fine Arts – Photo (single semester courses)	30.00	CTE - Construction	10.00
Fine Arts – Theatre (single semester courses)	15.00	CTE – Baking and Pastry	10.00
		CTE - Culinary Arts	10.00
Honors		CTE – Digital Photography	10.00
Honors Anatomy & Physiology A/B	10.00	CTE - Early Childhood Education	10.00
		CTE - Engineering	10.00
AP – Advanced Placement		CTE - Film and TV Production	10.00
AP Art courses	15.00	CTE - Graphic Arts	10.00
AP Science courses	10.00	CTE – Architecture Design	10.00
		CTE - Law, Public Safety & Security	10.00
IB – International Baccalaureate		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
Physical Education			
PE Uniform	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.

Board approved

AGUA FRIA HIGH SCHOOL



Principal, Mr. Ernest Molina

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

CANYON VIEW HIGH SCHOOL



Interim Principal Mrs. Lyn Reid

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

DESERT EDGE HIGH SCHOOL



Interim Principal, Gretchen Hann

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

MILLENNIUM HIGH SCHOOL



Principal Mr. Todd Stevens

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

VERRADO HIGH SCHOOL



Principal Mr. Nate Showman

Phone: (623) 932-7400
20050 West Indian School Road
Buckeye, AZ 85396

Agua Fria Online @ Coldwater Academy



Director, NonTraditional Programs Dr. Bryan Richman

Director, Coldwater Academy Mr. Dan Grumbling

Phone: (623) 932-7106

<https://sites.google.com/aguafria.org/non-traditional-programs/home>