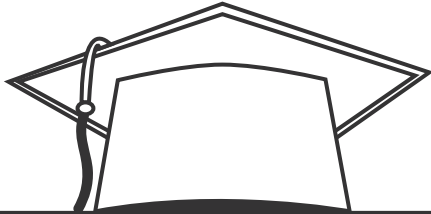


Academic Planning Guide

2020 - 2021



Barry Goldwater High School

Boulder Creek High School

Deer Valley High School

Deer Valley Online
Learning Program

DVUSD Pathways

Mountain Ridge High School

Sandra Day O'Connor High School

Vista Peak School



DEER VALLEY
Unified School District

**Our mission is
to provide
extraordinary educational
opportunities
to every learner.**



DEER VALLEY

Unified School District

Dear Student:

Welcome to High School! These next few years will probably be the most memorable, just ask the adults in your life. It's a challenging time as you grow into adulthood, but also an exciting time as you start to make choices that will impact your future. In the end, good choices usually make for even better choices, so ask those you trust for advice on areas you should investigate as you begin your secondary school learning. The best part of high school is that you can experiment with different ideas and interests before finally choosing a career in the future. My advice is to take the toughest classes you can, don't take the easy road. Now is the time to begin to start shaping your adult learning habits that will guide you for the rest of your life.

The staff and administration of Deer Valley Schools are committed to your learning adventure. Besides traditional high school course offerings, we have certificates, endorsements, specialized programs, on-line learning, Advanced Placement, International Baccalaureate, Dual-Enrollment, and Career and Technical opportunities. In each course of study it is important that you have a purpose with goals in mind; only then will you want to dedicate your time and effort to do your best.

The hardest part of growing up is knowing when to ask for help and when to persevere. It is important that you stay in constant communication with your parents, guardians, and teachers regarding your progress and not be afraid to ask for help should you feel overwhelmed or if you are getting behind. We are here to help you get back on step to complete your objectives on time and to the best of your abilities. Learning should be challenging and fun at the same time, so we want to make sure you are successful while enjoying this educational journey called high school.

Thank you for choosing Deer Valley School District. We are committed to your academic success and I look forward to shaking your hand as you receive your diploma in the near future! Sincerely,

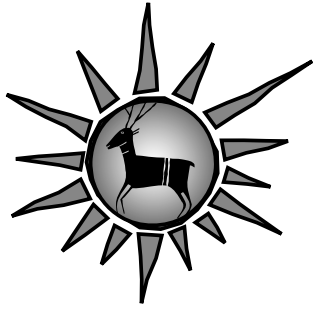
Curtis Finch, PhD
Superintendent

TABLE OF CONTENTS

POLICIES AND PROCEDURES	
Registration Requirements	4
Student Visas	4
Graduation Requirements	4
ECAP - Education and Career Action Plan	4
State Achievement Testing Information	5
GED Recipients	5
Transfer of Credits	5
University and College Requirements and Testing	7
Early Graduation	8
Report Cards	8
Class Ranking	9
GPA Information	9
Credit Recovery	9
Grade Improvement	9
Course Scheduling Information	10
SERVICE AVAILABLE	
Counseling Services	12
English Acquisition Services	12
Homebound Services	12
Special Education Services	12
Translation Services	12
PROGRAM OPPORTUNITIES	
Academy of American Studies	12
Achieving a College Education	12
Advanced Placement Program	12
Associate of Arts Degree at DVHS & BCHS	13
Career and Technical Education	13
Certificate of Academic Distinction	13
Certifie of Advanced Academics	13
Certificate of Global Studies	13
Deer Valley Online Learning Program	13
Early College - Paradise Valley Community College	13
Hoop of Learning	13
Honor Program	14
International Baccalaureate	14
Vista Peak School	14
DUAL ENROLLMENT COURSES	
Barry Goldwater High School	15
Boulder Creek High School	15
Deer Valley High School	15
Mountain Ridge High School	16
Sandra Day O'Connor High School	16

TABLE OF CONTENTS (cont.)

COURSE OFFERINGS	
Aerospace Science	17
Career and Technical Education	18-32
West-MEC	33
Departmental Courses and Electives	34
Arts - Visual and Performing	34-39
English Language Arts	40-44
Mathematics	44-46
Physical Education	47-49
Science	49-53
Social Studies	53-56
World Language	56-60
Non-Departmental Courses	60-62
Deer Valley Online Learning Program	63-64
Academy of American Studies Program (SOHS)	65
International Baccalaureate Courses	66-70
Gifted Services	71
Four Year Plan	72
DVUSD Pathways	73-74



DEER VALLEY

Unified School District

DISTRICT VISION STATEMENT

Graduating lifelong learners who will successfully compete, lead and positively impact the world.

BARRY GOLDWATER HIGH SCHOOL

2820 West Rose Garden Lane | Phoenix, Arizona 85027
(623) 445-3000 <http://BGHS.dvusd.org>

BOULDER CREEK HIGH SCHOOL

40404 N. Gavilan Peak Parkway | Anthem, Arizona 85086
(623) 445-8600 <http://BCHS.dvusd.org>

DEER VALLEY HIGH SCHOOL

18424 North 51st Avenue | Glendale, Arizona 85308
(602) 467- 6700
<http://DVHS.dvusd.org>

MOUNTAIN RIDGE HIGH SCHOOL

22800 N. 67th Avenue | Glendale, Arizona 85310
(623) 376-3000
<http://MRHS.dvusd.org>

SANDRA D AY O 'CONNOR HIGH SCHOOL

25250 N. 35th Avenue | Phoenix, Arizona 85083
(623) 445-7100 <http://SOHS.dvusd.org>

VISTA PEAK SCHOOL

19825 N. 15th Avenue | Phoenix, Arizona 85027
623-445-3900
<http://vistapeak.dvusd.org>

DEER VALLEY ONLINE LEARNING PROGRAM

20402 N. 15th Avenue | Phoenix, Arizona 85027
623-445-4926
<http://dvusd.org/onlinelearning>

NON-DISCRIMINATION NOTICE

The Deer Valley Unified School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. For any inquiries regarding nondiscrimination policies contact the Superintendent's Department, 20402 N. 15th Avenue, Phoenix, AZ 85027. 623.445.5000. This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age of Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator(s).
Lisa Crain, District Title IX Coordinator, 623-445-4914 lisa.crain@dvusd.org Jaime Aldred, 504 Coordinator, jaimie.aldred@dvusd.org

GENERAL INFORMATION

POLICIES AND PROCEDURES

REGISTRATION REQUIREMENTS

To register at a Deer Valley high school, there are several requirements that must be met. The following will need to be provided at registration:

- Transcript or report card and withdrawal from previous school
- Birth certificate
- Proof of guardianship (Legal guardians are required to provide the school with proof of guardianship or have filed a petition for appointment of temporary or permanent guardianship.)
- Proof of promotion for students (less than 16 years old) new to DVUSD and reassigned students, they would need a promotion cert or show competency in 8th grade standards (test-out in 8th grade subjects).
- Attendance area verification-proof of current residency required (e.g. utility bill, rent receipt, lease agreement, Escrow document, etc.)
- Per ARS 15-872, immunization records must be provided in order for the student to attend school unless the student has provided full disclosure of the requirements for exemption

STUDENT VISAS

F-1 Student Visa is issued to international students wishing to pursue academic studies in the United States. A student on an F-1 Visa is required to have a TOEFL paper score of at least 475 or a TOEFL iBT score of at least 65, showing proficiency in reading and speaking English. A student on an F-1 Visa is limited to 12 months of public education and must pay tuition (the full, unsubsidized, per capita cost of providing the education).

J-1 Exchange Student Visa is issued to international students to participate in a program of study specifically designed through the United States Department of State. J-1 exchange students are not required to participate in the EL exam. J-1 exchange students are considered foreign exchange students and do not pay district tuition. We are limited to accepting two tuition-free J-1 Exchange Students per participating campus.

I-94 (Arrival-Departure Record) are official travel documents that foreign citizens coming to the United States must have in their possession to show their country of citizenship and legal status in the U.S.

GRADUATION REQUIREMENTS

4 credits of English Language Arts
4 credits of Math
3 credits of Lab Science, one of which must be Biology*
.5 credit of Health
.5 credit of Physical Education
1 credit of World History
1 credit of American/Arizona History

.5 credit of American/Arizona Government

.5 credit of Economics **

1 credit of Career and Technical Education (CTE) or Fine Arts 6 credits of elective courses

*Biology, Biology H or Bio Med (CTE) meets Biology requirement

**Free Enterprise or 2 years of Marketing may be substituted for economics.

*Designated CTE courses may be substituted for a 4th year math course credit toward graduation but may not meet university admission requirements.

Beginning with the class of 2017, students graduating must pass the required state of Arizona Civics Test with a 60% or higher. This will be denoted on the transcript as a pass/fail.

ECAP – EDUCATION AND CAREER ACTION PLAN

An 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. Every student in grades 9-12 shall develop an ECAP in consultation with a school counselor and parent or guardian. The student ECAP may be revised throughout high school to ensure that the student has the opportunity to study careers of his/her choice. Parents and students may review their ECAP at www.azcis.intocareers.org

STATE ACHIEVEMENT TESTING INFORMATION

The American Civics Act (HB 2064) requires each student to pass a civics test in order to graduate from high school beginning with the class of 2017. The test will be available to students at DVUSD schools beginning in the 8th grade through 12th grade. Once a student achieves a passing score, the student will not be required to take the test again.

All students in English Language Arts 1-2, English Language Arts 3-4, English Language Arts 5-6, Algebra 1-2, Geometry, Algebra Applications, and Algebra 3-4 courses, including the honors, AP, IB, dual enrollment, or ELL courses aligned with the listed courses, must take an AzMERIT End-of-Course assessment. Although passing the AzMERIT test is not a requirement for graduation, test results may be used for placement and/or incorporated into course grades.

State Adopted Testing Information for Cohort 2017 and Above

Each high school student will be required to take the state adopted assessments in English language arts, mathematics, and AIMS science. The state adopted assessment replacing AIMS Writing, Reading and Mathematics will allow parents and educators to see how their students are progressing in school and whether or not they are on track for postsecondary success. The transition from AIMS to the new assessment will become a percentage of the core classroom grade beginning with the class of 2017 and above.

GED RECIPIENTS

Individuals that have received a GED are considered to have completed their high school requirements and are not permitted to enroll.

TRANSFER OF CREDITS

The following are the guidelines for transfer to high school credit.

The high school credit is usually earned when a student regularly attends and satisfactorily completes the requirements of a DVUSD course. Courses that meet daily for a semester represent 0.5 credits (a minimum of 80 hours). Those that meet daily for an entire school year represent 1.0 credit (160 hours). It is necessary to standardize other ways by which a student may earn high school credit and satisfy graduation requirements. **Honors courses completed in another district must correlate with DVUSD honors courses in order for weighted credit to be awarded.**

A transfer credit may or may not:

- Count toward the number of credits required for graduation
- Fulfill a subject area graduation requirement
- Be used to calculate grade point average
- Be weighted or not be weighted for high school purposes, but not be weighted for college admission
- Meet the entrance requirements for Arizona universities

The following guidelines are followed when a student registers without completing the previous semester:

- If the student is out of school less than 10 days (excluding holidays), administer DVUSD final exams for like courses and calculate the transfer grade with the final exam grade.
- If the student is out of school more than 10 days (excluding holidays), administer test out exams for like courses and post the test out grade.
- Out of state transfer students could take a course for grade improvement.

No core credit transfers automatically. All transfer credits are subject to review by site and district staff, regardless of issuing institution. Transferring core courses must be provided by an accredited school (NCA or AdvancED). DVUSD does not accept religious based courses for transfer.

Arizona Online Instruction/High School Course Credit

Students who take an AOI course not pre-approved by a DVUSD school counselor and receive credit for courses through the AOI organization will have those credits accepted as elective credit only unless a test-out is taken and passed successfully for core credit. The test-out score will be the grade recorded for the core class on the DVUSD transcript.

For pre-approved courses for an external AOI institution, DVUSD will accept the credit for core credit. For non-approved courses from an AOI institution, DVUSD will accept the credit as elective credit with the option to take a test-out. For core credit, the grade on the DVUSD transcript will reflect the test-out grade. A student may elect to maintain the elective credit and the grade on the AOI transcript will be used for the elective grade on the DVUSD transcript. Any other out-of-district course credit must be approved by a counselor prior to enrolling in the course. A maximum of three (3) credits (over a student's four years) may be accepted from a non-DVUSD school or external AOI institution.

Students who transfer in from an AOI mid-semester may be enrolled in DVUSD courses however, any courses taken will be on an audit basis for that semester.

Please note: Students receiving online instruction are not deemed home schooled.

College Dual Enrollment

Dual enrollment credits are offered for specified courses. These courses are offered at the high school and taught by high school teachers with college certification and students will earn both high school credit and college credit. There will be a college tuition fee for these courses. These courses can be identified by a different course code listed below. Please note pre-approval is mandatory. (Underclassmen need administrative approval.)

College Concurrent Enrollment

Only pre-approved courses may be accepted from college for high school credit. This approval must be done through high school counselors. Only courses level 100 and above may be transferred. Students must provide official transcripts from the college to be granted credit. Please note the college will not send transcripts to the high school without payment and written approval from the student.

Home Schooled Students Wishing to Participate in DVUSD Extra-Curricular Activities

Only students enrolled at a DVUSD school in grades 9 through 12, inclusive, are eligible for interscholastic competition, team practices and tryouts. However, a home schooled student may be eligible if said student is in compliance with A.R.S. §15-802.01 (A). The parent must present a home school affidavit.

- Parents of homeschooled students ages 6-16 are required to file a notarized Affidavit of Intent to Homeschool with the County School Superintendent within 30 days of starting to homeschool (A.R.S. 15-802). To be granted approval to homeschool, the child may not be enrolled in a virtual charter school/public school online or participate in the Empowerment Scholarship Account Program (ESA). Students taking courses with an online educational institution are not deemed home schooled. To end homeschool instruction and enroll in a public school, the parent will need to notify the County School Superintendent within 30 days of termination of homeschool. It is recommended to do this step in writing.
- Homeschooled students who are terminating homeschool status and requesting to enroll in 9th grade who are less than 16 years of age will be tested to determine educational placement in high school (A.R.S. 15-745).
- High School credits earned through homeschooling will not be accepted as transfer credits. Transferring credits must be earned through an accredited school (see Transfer of Credits). Students may request a Test Out exam of 9th and 10th grade level core courses.
- Homeschooled students may take elective courses with a DVUSD high school or Deer Valley Online Learning Program providing space is available and prerequisites have been met. All registration paperwork is required, including immunization records, proof of residence, etc., and a copy of the notarized Affidavit of Intent to Homeschool must be submitted .
- Homeschooled students may enroll in a WestMEC program without enrolling in a public school.
- Only students enrolled at a DVUSD school in grades 9 through 12, inclusive, are eligible for interscholastic competition, team practices and tryouts. However, homeschooled students may be eligible to participate in DVUSD athletics and extracurricular activities without enrolling in a DVUSD school if said student is in compliance with A.R.S. 15-802.01(A). The parent must present a notarized copy of the Affidavit for Intent to Homeschool and submit required athletic participation paperwork and fees.
- Homeschooled students may not earn a diploma from a DVUSD school.

Middle School

Credit may be issued for high school credit only when it appears on an official high school transcript. The course implemented must utilize the high school curriculum, the assessments and grading criteria of the high school course and all courses must be given a letter grade, which will be posted on the transcript. A student may take a test out exam for a high school course completed in middle school that does not appear on an official high school transcript.

AP credits for middle school transfer students entering high school will be recognized as follows:

- Report card without AP marked but an AP score = credit OR
- Report card with AP marked & AP score = credit
- No test out will be necessary for credit

AdvancED

Credit from North Central Accredited Institutions will be granted when a transcript evaluation has been completed and courses are equivalent to the courses listed in the Academic Planning Guide. If there is a course in question, the student must provide the course description from the institution and copy of the final course assessment in order to evaluate equivalency. Final appeals may be brought to the District.

Placement Test Procedures (Math only)

The purpose of a placement test is to accurately place a student in a high school math course who has not taken the traditionally named sequence of math courses as defined by the Deer Valley Unified School District (Algebra 1-2, Geometry, Algebra 3-4). Students who believe they have taken a similar course to a DVUSD high school math course may request a placement exam up to 10 school days beginning with their first day of class or prior to enrollment.

Students will not receive high school credit for a placement exam. Students must take a test out to receive credit for a high school math course. Students are welcome to schedule a test out after completing the placement exam; however, the placement exam is not required to qualify for a test out. The district does not provide study guides, textbooks, or other types of assistance. If a student successfully completes the placement exam with a score of 70% or higher, the student will be placed in the next course in our sequence. If a student attempts the placement exam and fails, he/she may not repeat the placement exam. The Algebra 1-2 Proficiency Exam places students into Geometry 1-2 and the Geometry 1-2 Placement Exam places students into Algebra 3-4 (these are the only high school placement exams available in math).

Test Out Procedures

The purpose of a test out is to allow students to demonstrate course competencies instead of completing the course. Students who believe they are proficient in a course may request a test out exam up to 10 school days beginning with their first day of class or prior to enrollment. Students who have begun a course or have taken a course are not eligible to test out unless the student has an AOI elective credit or middle school course he or she would want to test-out for a core content grade on the transcript. Students may take only one test out exam per academic class.

The district does not provide study guides, textbooks, or other types of assistance. Credit will be given and the student's transcript will reflect the letter grade earned on the test out for each semester of the course if the score is 70% or higher. All scores of 70% or higher will be reported on the transcript and calculated in the GPA. After the scores are reported on the transcript, students may choose to take the course for grade improvement. Students will not be allowed to take the same test out again.

UNIVERSITY AND COLLEGE REQUIREMENTS AND TESTING

Arizona University Requirements

Arizona universities require the following for admission:

- High school diploma
- 4 credits of high school English language arts
- 4 credits of high school math (Algebra 1-2, Geometry, Algebra 3-4, and an advanced math class for which Algebra 3-4 is a prerequisite)
- 3 credits of high school lab science, one year each from three of the following: Biology, Chemistry, Earth Science, or Physics (an integrated science or an advanced science may be substituted for one required course)
- 2 credits of high school social studies, including one year of American History
- 2 credits of the same high school foreign language
- 1 credit of high school fine arts or a combination of two semesters of high school fine arts or Career and Technical Education

(CTE).

Arizona Community College Requirements

Admission to a community college in Arizona may be granted to any person who meets at least one of the following criteria:

- High school diploma or Certificate of Completion
- GED
- Is 18 years of age or older and demonstrated evidence of potential success at the community college level □
- Is a transfer student in good standing from another college or university

University Testing

It is recommended that the students take the SAT and/or ACT the spring of junior year. The ACT (no writing) will be given to all juniors at their school in the spring semester at no cost to students. Information and registration for the SAT is available at www.collegeboard.com.

Additional information on the ACT is available at www.actstudent.org. Registration and information materials are also available in the counseling office.

The PSAT is a practice test for the SAT. PSAT is the qualifying test for National Merit Scholarship Program that must be taken during the junior year (11th grade) to be eligible for the National Merit Scholar Program. The PSAT is given in October of each year.

Out-of-State Universities and Colleges

Admission requirements to colleges and universities vary greatly. Students should consult the web page or catalog of the university or college they are interested in to determine the specific requirements.

Student Athletes

Students who plan to play athletics in college for a NCAA D-I or D-II level school should review requirements at the NCAA Eligibility Center at www.eligibilitycenter.org. Also, students interested in playing championship sports at NAIA colleges need to register and receive an eligibility determination at <http://www.playnaia.org/>. All credit recovery or credit improvement course needs to be approved by a counselor. Core courses offered through Deer Valley's Online Learning Program have been approved by the NCAA. However, the NCAA does **not** approve Deer Valley Online Learning Program courses designated as "credit recovery" courses. Potential NCAA athletes should not sign up for any Deer Valley Online Learning Program courses designated as "credit recovery" courses.

Additional information can be found by referencing: http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf

EARLY GRADUATION

Students planning to graduate early must file a request for early graduation at the beginning of their last year of attendance. Early graduation requires administrative and parental approval unless the student is 18 years of age and has completed the SAOR paperwork. Diplomas will be awarded at the yearly commencement. All final exams must be completed by the end of senior final exam day.

Guidelines:

Early graduation candidates must meet all requirements and early graduation must be deemed appropriate for the student's continued education.

- All graduates must complete an early graduation request form. The early graduation form must include signatures from counselor, administration, parent and student.
- An early graduation plan with course outline must be included.
- Continuation of the post-secondary education plan should be included.
- High school grades should indicate high school competencies are in place.

REPORT CARDS

Final grades for each semester will be posted and available to students and parents on PowerSchool. Parents and students are encouraged to print out the final semester grade reports for their records. Parents and students unable to print out the grade reports are welcome to request a copy from the school. Only the final grade for the first and second semester is entered on the student's official transcript. Students receiving accommodations or modifications to the content may be issued an additional report with the report card.

The marking system is as follows:

A - Excellent	90% - 100%
B - Above Average	80% - 89%
C - Average	70% - 79%
D - Below Average	60% - 69%
F - Failing	Below 60% Students receive no credit for a grade of "F."

NEW GRADE SCALE - COMING SOON!

In DVUSD, authentic grading accurately measures and reflects a student's performance based upon mastery of the standards. The four tenets that comprise the foundation for authentic grading with a standards-based mindset are:

- While grade determination rests with each teacher, grading practices must build consistency among teachers.
- Grades must communicate a student's level of proficiency of the standards.
- Grades are for reporting the status of academic learning, not behavioral conduct.
- Grading practices must support student learning.

More information on the changes in grading practices can be found at dvusd.org/grading. In order to increase the accuracy of grades, a new grading scale will be implemented. Beginning with the 2021-2022 school year, the Marking System will be as follows:

- 4 - Evidence demonstrates a high level of proficiency of the learning standards.
- 3 - Evidence demonstrates proficiency of the learning standards.
- 2 - Evidence demonstrates partial proficiency of the learning standards.
- 1- Evidence demonstrates minimal proficiency of the learning standards.
- 0 - No evidence of proficiency of the learning standards

Overall course grades of 1.5 and above are passing marks.

CLASS RANKING

The following designated courses will be used when calculating the high school class ranking list:

<u>Freshman</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
Eng. Language Arts	Eng. Language Arts	Eng. Language Arts	Eng. Language Arts
Math	Math	Math	Math
Science	Science	Science	Science
	Social Studies	Social Studies	Social Studies

- If more than one class is taken in the same designated subject area during the same semester, the class with the highest grade will be used. If the grades are the same, the most advanced level class will be used.
- Only the designated classes taken during the freshman through senior years and approved classes taken in 7th and 8th grades will be used for class ranking.
- This proposal applies to class ranking only, not to individual GPA. The individual GPA will continue to include all classes on a student’s transcript. Seniors are ranked in September, January and June of their graduating year; juniors, sophomores, and freshman are ranked for end of year rank in September and again in January. (It should be noted that the universities recalculate the individual GPA according to their own formula.)
- Qualifying classes from the designated subject areas will include non-elective courses that meet the requirements for graduation. □ Students who do not take all fifteen core courses listed above will be negatively impacted in class ranking.

GPA INFORMATION

Weighted Courses

In selected subject areas, honor points will be assigned to grades in order to reflect the level of work and performance of the student. **INTERNATIONAL BACCALAUREATE (IB) HONORS (H) ADVANCED PLACEMENT (AP) COURSES are weighted.** The following table indicates honor point equivalents. Please note: Transfer grades from another school district will be computed 1 point for either honors courses or regular courses.

Grade	Honor Points	Grade	Regular Points
A	5	A	4
B	4	B	3
C	3	C	2
D	1	D	1
F	0	F	0

Note: Colleges and Universities may un-weight grades.

CREDIT RECOVERY

Students who fail a core class must retake the class to receive credit. When the course is retaken, the transcript will reflect the original and repeated course grade and both will be factored into the GPA. **Upon request**, the improved course grade will be the grade of record and will be factored into the GPA. **Prior approval by school counselor is required before taking credit recovery courses.**

GRADE IMPROVEMENT

Students who want to improve their grade in English language arts, math, science, social studies or world language courses may repeat the same course through an approved DVUSD course. The original grade will remain on the transcript. The higher grade will become the grade of record upon request. **Credit will be given for one course, not both. The school counselor must approve the Duplicate Course/GPA Acknowledgement Form prior to the student repeating the course for grade improvement.**

Students who request grade improvement for courses that DVUSD does not offer may take a community college course approved by their school counselor prior to attendance of the course. Students may retake a different level of a course that uses the same standards with pre-approval. Both course grades stay on the transcript but the course with the lower grade will not be calculated in the GPA.

COURSE SCHEDULING INFORMATION

Auditing Courses

Audits are primarily for students who enter school after the 20th day. Approved audits are official agreements and will be noted on the student's schedule and transcript. Under no circumstances will an audit request be granted in order to avoid the consequence of a grade.

Course Designation

"AP" designates courses that are part of the Advanced Placement Program. These are college-level courses. "IB" designates courses that are part of the International Baccalaureate Program at Barry Goldwater High School. "H" designates honors courses designed for the academically talented student. These courses provide a more in-depth approach and require more outside work as compared to the regular courses.

Course Level Placement Changes

Students who request an AP course, IB course, or Honors course are accepting the rigor that come with these advanced academic courses. Once students and parents agree to the requirements, they will be enrolled in an advanced academic course. No level changes will be considered for students in advanced academic classes before the 15th day of class and after the 25th day of class. Only a teacher can recommend students for a placement change in an advanced academic class. The teacher will only consider students for a placement change whose effort is consistent with the expectation yet show limited success in the class. Students may request a level change from a regular level course to an honors level course within the first 15 days of the semester, provided there is sufficient data that such a change is merited.

Early Departure and Earned Credit

Under emergency situations (deemed by administration), a student who has been attending school may be allowed to be absent or withdrawn from school and earn credit for the semester in which the emergency occurred. Upon administrative approval, a completion of credit plan will be put in place by the school team of student, parents/guardians, teachers, counselors and administration to assure that the student satisfies all course requirements with options considered. If course requirements are not met, the student will not be awarded credit.

Flex Delivery Model (BCHS, MRHS, SOHS)

In courses utilizing the Flex Delivery model, students will engage in an online course embedded within their high school schedule. Students will register for the online course through the regular high school registration process. Students attend the regularly scheduled class and complete the Deer Valley USD online course. A highly qualified teacher will be present in the room to guide and support the student by providing individual and small group instruction, monitoring student progress, and posting grades. This model allows more flexibility for the student in pacing, delivery, and ability to continue progress through the coursework anytime or anyplace.

High School Assessment Attendance

High school students will participate in AIMS Science testing in 9th grade and the Scholastic Reading Inventory testing at least once per year. Please note that it is important for students to be in attendance for all assessments.

High School Assessment Schedule

Students participate in state-mandated, district and classroom assessments. Students are given semester final examinations in addition to classroom assessments. At DVHS, BCHS, SOHS, and MRHS, semester exams account for 20% of the final semester grade. At BGHS, standards-based grading practices utilize final examinations as a last opportunity to demonstrate proficiency on content standards and essential learnings; a percentage based system is not used.

Repeating Courses

The following courses may be taken for repeat credit each year.

2-D Port Prep 3D	Advanced Repeatable Classes	Facilitator Percussion
Port Prep	Advanced Study Skills	Ensemble
Academic Decathlon H	Chorus	Performance Dance Ensemble
Academic Lab	Communications	Performance Jazz
Advanced Dance	Concert Band	Power Training
Advanced Fitness Center	Concert Choir Dance	Preventing Substance Abuse Across the Lifespan
Advanced Guitar	Ensemble Dance	Stage Production
Advanced Level CTE Classes*	Fundamentals	Student Government
Advanced Performance Choir	Intermediate Dance	Symphonic Band
Advanced Performance Guitar	Jazz Ensemble	Systematics 5-6
Advanced Performance Piano	English Language Arts Lab	Technology Facilitator
Advanced Performance Theatre	Learning Center Supplemental	Transition School to Work Consult
Advanced Physical Ed	Lifetime Sports	Transition Skills
<i>*With approval of instructor</i>	Mathematics Lab	Wind Ensemble
	Newspaper Peer	Yearbook

Schedule Changes

Schedule changes are made in the first five days of a semester.

Since numbers of course sections depend upon pre-registration information, valid reasons for a schedule change are:

1. Computer error
2. Changes needed to satisfy graduation requirements
3. Changes required by health
4. Completion of an approved summer school, community college or online course

Student Fees

Due to state funding, it may be necessary for certain courses to require a small materials fee. Each school has a process in place for financial assistance. Any student or family not able to pay these fees because of economic hardship should contact their counselor.

Student Loads

Freshmen, sophomores and juniors must be enrolled in six DVUSD credit classes which may include on campus, off-site CTE programs, Deer Valley Online Learning Program and West-MEC programs. Seniors with sufficient credits to graduate (16) may enroll in as few classes as needed for graduation. Seniors deficient in credits to graduate must be enrolled in up to six DVUSD credit classes which may include on campus, off-site CTE programs, Deer Valley Online Learning Program and West-MEC programs.

If a student doesn't graduate due to credit deficiency, the student can:

- Make up the credit(s) during the summer and have them completed before September 1 to receive a DVUSD diploma
- - OR - Take a minimum of one class on their home campus and/or with Deer Valley Online Learning Program the following semester to receive a DVUSD diploma

Beginning with the class of 2022, senior year students must be enrolled in a minimum of four DVUSD or West-MEC courses during their senior year.

Textbook/Materials

A charge will be applied if textbooks, materials, or library books are lost or damaged. Repair or replacement costs will be charged to students for school-issued digital devices (iPads, etc.) that are lost or damaged. An Optional Device Protection Plan is available to students/parents if purchased within 3 days of receipt of the device. Go to <http://www.dvusd.org/Page/12858> for more information.

Withdrawal

Any student (regular or (H), (AP), (IB)) who withdraws from a class after the first twenty (20) days of the semester, but before the end of the tenth (10) week, will receive a grade of WP or WF until the end of the semester. Student attends class until the end of the term. Requests for class withdrawals will not be processed after the tenth (10) week of the semester. WP or WF grades will be posted on a student's transcript but not factored into GPA or class ranking. Students who receive a WF will be ineligible for extra-curricular and AIA participation. This does not apply to course level changes (see page 9).

SERVICES AVAILABLE

Counseling Services

A comprehensive school counseling program is offered at all high schools to promote and enhance the learning process. DVUSD school counseling programs facilitate student development in three areas; academic development, career development, and personal/social development. Students will develop an Educational Career Action Plan (ECAP) that reflects current plan of coursework, career aspirations, and extended learning opportunities.

English Acquisition Services

All campuses provide services for English Language Learners. DVUSD uses a Sheltered English Immersion program to help ensure that all students are successful in our schools.

Homebound Services

Students who must be absent from school due to extended illness (90 days) may be eligible for homebound instruction with doctor's orders. Homebound packets are available in the nurse's office. Technology is provided by the home school. The teacher of record supplies hard copies as needed to homebound teachers.

Special Education Services

Deer Valley Unified School District provides a full continuum of Special Education supports and services to eligible students as stated on their IEP under IDEA.

Translation Services

Any school document or information can be translated as needed. Contact the Curriculum Secretary at 623-445-4910 for information. Cualquier documento de la escuela y la información que se puede traducir como sea necesario. Contacte el Secretario Curriculum en 623445-4910 para obtener información.

PROGRAM OPPORTUNITIES

Academy of American Studies (SOHS)

The Academy of American Studies is offered at Sandra Day O'Connor High School and is available through open enrollment to all district students. This unique four-year course of study emphasizes history and civic responsibility through collaborative teaming and offers a student-centered, rigorous curriculum. More information is available on page 54.

ACE -Achieving a College Education (BGHS, DVHS)

ACE is a scholarship program for first generation college students. Students apply to the program in November of their sophomore year and if selected, start attending college classes in the summer prior to junior year. Students continue to attend courses throughout their junior and senior year, receiving up to 24 college credits.

Advanced Placement Program

The Advanced Placement Program is offered at all DVUSD high schools offering students college-level courses. In Advanced Placement (AP) courses, students can earn college credit, placement, or both by qualifying AP exam scores that are taken in late spring of each year.

At the conclusion of the Advanced Placement course your child will participate in the national examinations. Students who wish to attempt a score for college credit will pay the required College Board fee of approximately \$91. If your child performs adequately on the exam, a university may award college credits (3 or more, based on the course and school). The course is equivalent to a university-level course and is designed to challenge the student. Students who desire only high school credit will not pay for testing and will test for their high school grade (final exam scores) only.

Associate of Arts Degree at DVHS and BCCHS

These schools provide the opportunity for students to earn enough credits while in high school to receive an Associate of Arts (AA) degree from Rio Salado Community College. An AA degree requires 60 credits, which includes the 35-38 credits required for the AGEC. Students can choose from many different dual enrollment classes offered at DVHS, as well as concurrent enrollment offerings through Rio Salado Community College to meet the AA requirements.

Career and Technical Education (CTE)

CTE programs provide students the rigor and relevance needed to succeed in today's global economy. Students are presented with opportunities to develop specialized skills while in high school and apply their academic knowledge in real world settings. CTE provides all students with cutting edge training and opportunities in their chosen program of study. CTE programs are open to all students in Deer Valley Unified School District. If a student is traveling between two locations, the schedule must reflect travel time. CTE students can receive dual enrollment college credit for many CTE courses. The CTE internship provides on the job experience and valuable industry networking. In addition to the many CTE programs available at all DVUSD campuses, a variety of additional CTE programs are also offered at off-site locations through West-MEC. Most West-MEC programs require a minimum of one credit each in ELA, Algebra and Biology with a grade of C or better. Students may earn industry recognized credentials in select CTE programs.

Certificate of Academic Distinction

Offered at Boulder Creek High School, the Certificate of Academic Distinction provides students with the opportunity to showcase their academic excellence and dedication. The certification is awarded upon graduation with their diploma and serves as an indication of their academic excellence and college preparatory course load throughout their high school career. Students begin college preparatory coursework in their freshman year and continue through advanced placement and dual enrollment coursework in their senior year. This program also contains an independent interdisciplinary senior thesis project.

Certificate of Advanced Academics

The Certificate of Advanced Academics provides SOHS students with the opportunity to showcase their academic excellence and dedication. The certificate will supplement their diploma and serve as an indication of their rigorous course work above and beyond the district requirements. It allows students to showcase college readiness, 21st century skills, and elevate themselves above Arizona's standard high school graduates. This distinction celebrates their academic talents and commitment to excellence.

Certificate of Global Studies

The Certificate of Global Studies provides students with the opportunity to showcase their academic interests in 21st century globalization and world cultures. Offered at Boulder Creek High School, the certification is awarded upon graduation with their diploma and serves as an indication of their application of college and career readiness skills in a globally interdependent economy. Students receiving the certificate demonstrate the ability to communicate in another language and an understanding of interconnected societies and cultures. Students begin global studies in their freshman year with a culminating senior year portfolio.

Deer Valley Online Learning Program

Deer Valley Unified School District offers online courses for students to earn credit towards graduation. Students will communicate with teachers primarily through message boards, discussion boards or phone calls. More information can be found on pages 52-53. See your guidance counselor or visit <http://dvusd.org/onlinelearning> for a course list.

Early College-Paradise Valley Community College

Barry Goldwater High School offers Early College through Paradise Valley Community College. Early College provides the opportunity to attend high school half day and college half day throughout the junior and senior years of high school. Students receive dual credit for core classes such as ENG 101-102, Chemistry, and College Algebra. The advantages for students to participate in the program include completing 36 credit hours of the AGEC (Arizona General Education Core) and paying community college tuition at today's rate. Students apply to the program in November of sophomore year and start taking courses during the summer after school ends.

Hoop of Learning

Hoop of Learning is a program sponsored by Paradise Valley Community College, specifically designed for Native American Students, that is offered only at Barry Goldwater High School. Students apply in November and start attending classes the following summer, continuing through each school year. Students can earn up to 36 college credits which can be used for dual credit in the high school setting. **This is a scholarship program.**

Honors Program

Honors courses provide an in-depth study and are designed to prepare students for Advanced Placement and International Baccalaureate courses. Teacher recommendation, grades and test scores are considered for eligibility in the course. Check with your student's counselor for placement guidelines.

International Baccalaureate

International Baccalaureate (IB) is an internationally recognized course of study. It is designed for highly motivated students interested in a rigorous academic program. Students with excellent grades, high test scores, and a strong work ethic are good candidates for IB. This program is offered at Barry Goldwater High School. However, students from the entire Deer Valley Unified School District may attend on open enrollment. Regional transportation is provided. Course information can be found on pages 55-58.

The International Baccalaureate Middle Years Programme (MYP) is an internationally recognized program designed for students aged 11 to 16. The program provides a framework of learning which encourages students to become creative, critical and reflective thinkers. The MYP emphasizes intellectual challenge, encouraging students to make connections between their studies in core subjects and to the real world. It fosters the development of skills for communication, intercultural understanding, and global engagement, qualities that are essential for life in the 21st century. All freshmen and sophomores enrolled at Barry Goldwater High School will participate in the program.

Pathways Program

Blended Fast Track courses are 6-week courses for students who need a .5 credit quickly. Select Fast Track courses are offered online each quarter. Fast Track courses require weekly in-person labs and 20 hours a week to be successful.

Vista Peak School

Vista Peak School is an educational alternative program that primarily provides services for those students in grades 7-12 who are referred following their long-term suspension hearing. Vista Peak School places the focus on academics delivered in a more personal environment, and allows the teacher to teach and the students to learn. Since every student's self-esteem is of great importance, teachers and students will treat each other with dignity. Students have the opportunity to receive up to three credits per semester. Program hours are from 9:00 a.m. to 3:45 p.m. Monday through Friday. Vista Peak is a closed campus and students must be in attendance during those hours. Regional district school bus stops have been scheduled for student pickup and drop off.

DUAL ENROLLMENT COURSES

www.maricopa.edu Community College tuition required.

Dual Enrollment AGECE (Arizona General Education Curriculum) consists of 35-38 semester credit hours that fulfill lower-division general education requirements for students planning to transfer to any Arizona public community college or university. Students take dual enrollment classes and earn both high school and college credit concurrently. AGECE then transfers as a block and guarantees acceptance to all public AZ universities. Students who complete their general education requirements ahead of time can enter the university as sophomores. This provides the foundation for students to work towards an Associates or Bachelor's degree. There are three types of AGECEs designed to articulate with different majors. All three share the basic framework; however, the AGECE-S, which aligns with majors involving Math and Science, requires some additional credits in those areas.

Dual enrollment credits are offered for specified courses. These courses are offered at the high school and taught by high school teachers with college certification and students will earn both high school credit and college credit. There will be a college tuition fee for these courses. These courses can be identified by a different course code listed below. Please note that pre-approval is mandatory. **Juniors and seniors may enroll in dual enrollment courses.** Students must qualify for in-state residency in order to qualify for in-state tuition with the community college.

www.aztransfer.com is a website that has tools designed to help students taking dual enrollment classes make informed decisions regarding earned credits and how those credits will be transferred to Arizona's state universities degree programs.

Barry Goldwater High School Dual Enrollment

Advanced IT – Dreamweaver (CIS233DC)
Architectural Drawings (Revit) I (CAD167)
Beginning Spanish I and II (SPAN101/102)
Calculus w/Analytic Geometry I (MAT220)
College Algebra (MAT151)
English Composition (ENG 101/ENG 102)

Fundamentals of 2D Auto CAD (CAD100)
Graphic Design – Adobe Photoshop (CIS120DF)
Intro to Geology (GLG101/103)
Intermediate Spanish (SPA201/202)
Intro to Literature (ENH110/111)
Law (AJS101)
Owning and Operating a Small Business (MGT253)
Plane Trigonometry (MAT182)

Precalculus (MAT187)
Principles of Marketing (MKT271)
Residential Working Drawings (CAD164)
Survey of Astronomy (AST101/103)
Three-Dimensional AutoCAD Modeling (CAD215)

Boulder Creek High School Dual Enrollment

C++: Level I (CIS159)
Child Development (ECH176)
College Algebra (MAT151)
College Math (MAT142)
Computer Usage and Applications (BPC110)
Drawing I (ART111)
English Composition (ENG 102/ENG111)
Fundamentals and Intermediate Spanish (SPA111/201)

General Biology (BIO101)
Internet Web Devel: Dreamweaver (CIS233DC)
Internet Web Devel: Level I (CIS133DA)
Introduction to Creative Writing (CRW150)
Intro to Human Anatomy and Physiology (BIO160)
Intro to Literature/English Composition ((ENH110/ENG101)
Introduction to Creative Writing (CRW150)

Introduction to the Professional Office (OAS125)
Introduction to Psychology (PSY101)
Precalculus (MAT187)
Principles of Marketing (MKT271)
Survey of Computer Info Systems (CIS105)
US History (HIS103/HIS104)
Visual Basic Programming I (CIS159)
Western Civilization (HIS 101/102)

Deer Valley High School Dual Enrollment

Calculus w/Analytic Geometry I (MAT221)
Calculus w/Analytic Geometry II (MAT231)
College Algebra (MAT151)
Comp Graphics: Adobe Illustrator (CIS120DB)
Comp Graphics: Adobe Photoshop (CIS120DF)
English Composition/Technical Writing

Elementary Spanish (SPA101/102)
First Aid/Cardiopulmonary Resuscitation (HES154)
Fundamentals of Chemistry (CHEM130)
General Chemistry I and II (CHEM151/152)
General Physics (PHY111/112)
Intermediate Spanish (SPA 201/202)
Intro to Literature/English Composition (ENH110/ENG101)
Intro to Human Anatomy and Physiology (BIO160)

Introduction to Psychology (PSY101)
Introduction to Sociology (SOC101)
Marine Biology (BIO145)
Owning and Operating a Sm. Business (MGT253)
Precalculus (MAT187)
Prevention and Treatment of Athletic Injuries (HES271)
Principles of Marketing (MKT271)
Survey of Computer Info Systems (CIS105)

Mountain Ridge High School Dual Enrollment

College Algebra (MAT152)
College Math (MAT142)
Elementary French (FRE 101/102)
Elementary Spanish (SPA101/102)
English Composition (ENG101/ENG102)
Environmental Science (BIO105)

General Chemistry (151/152)
Internet Web/Devel: Level I (CIS133DA)
Intro to Creative Writing (CRW150)
Intro to Human Anatomy and Physiology (BIO160)
Intro to Literature (ENH110/111)
Intro to Sociology (SOC101)
Marine Biology (BIO145)
Owning and Operating a Small Business (MGT25)

Precalculus (MAT152/187)
Principles of Marketing (MKT271)
Introduction to Psychology (PSY101)
Survey of Computer Info Systems (CIS105)
US and AZ Constitution (POS110)
US History (HIS103/HIS104)

Sandra Day O'Connor Dual Enrollment

Government (POS110)
College Algebra (MAT152)
College Math (MAT142)
Computerized Accounting (ACC115)
Elementary Spanish (SPA101/102)
Elements of Statistics (MAT206)
English Composition (ENG101/ENG102)
Environmental Science (BIO105)
First Aid/Cardiopulmonary Resuscitation (HES154)

General Biology (BIO101)
General Chemistry I and II (CHEM151/152)
General Physics (PHY111/112)
Intermediate Spanish (SPA201/202)
Intro to Accounting Concepts (ACC109)
Intro to Creative Writing (CRW150)
Intro to Interior Design (INT105)
Intro to Literature (ENH110)
Intro to Human Anatomy and Physiology (BIO160)
Intro to Human Communications (COM100)
Introduction to Psychology (PSY101)

Introduction to Sociology (SOC 101)
Precalculus (MAT152/187)
Prevention and Treatment of Athletic Injuries (HES271)
Principles of Marketing (MKT271)
Rehabilitation and Therapeutic Interventions in Sports Medicine (HES275)
Survey of Computer Info Systems (CIS105)
US History (HIS103/HIS104)
World History (HIS110/111)

COURSE OFFERINGS

All courses are not available at every campus. Open enrollment to schools must be completed in January. Parents must provide transportation to these sites. Please check with the counselors for course availability.

* Denotes a course available through Deer Valley Online Learning Program

Learning Center Content (LCC)

This course is designed for students with disabilities who are eligible for special education services as designated on the student's IEP.

CAREER AND TECHNICAL EDUCATION

Career & Technical Education programs provide students with the rigorous, content-aligned academic standards necessary to prepare students to succeed in today's global economy. Students are presented with opportunities to develop specialized skills while in high school and apply their technical knowledge to prepare for a career in a current or emerging profession. Career & Technical Education is committed to student success by preparing students to enter the workforce, furthering their career training, or entering post-secondary education.

CTE programs are open to all students in Deer Valley Unified School District. If a student is traveling between two locations, his/her schedule must reflect travel time and all students are responsible for following the attendance guidelines on each campus. Students traveling to another campus for a CTE course must provide their own transportation.

CTE Signature Program applications are available online at www.dvUSD.org. The following CTE classes meet the 1 credit graduation requirement.

* Denotes a course available through Deer Valley Online Learning Program.

AEROSPACE SCIENCE – Air Force JROTC – DVHS and SOHS

(Boulder Creek High School will be transported to O'Connor High School. Mountain Ridge and Goldwater students will be transported to Deer Valley High School.)

Note: There is no requirement to join the military after completion of any Air Force Junior ROTC course. Our courses are designed to teach young men and women self-discipline, personal responsibility, leadership, fitness, and citizenship. Cadets who complete 3-years of Air Force Junior ROTC are awarded with Certificates of Completion. These certificates allow students who elect to enlist in the military to serve at a higher rank upon completion of basic training.

AEROSPACE SCIENCE 1-2

This course is designed to acquaint students with one of the following Aerospace Science academic blocks: *Journey into Aviation History, Science of Flight, Space and Astronomy, and/or Air Force Survival Training*. The Leadership Phase consists of drill, Air Force Customs and Courtesies, and health and wellness education. Students are required to wear the Air Force Junior ROTC Cadet uniform once a week. The uniform is provided free of charge.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

AEROSPACE SCIENCE 3-4

This course is designed to acquaint students with one of the following Aerospace Science academic blocks: *Journey into Aviation History, Science of Flight, Space and Astronomy, and/or Air Force Survival Training*. Leadership education will alternate on a yearly basis between *Communication Skill, Awareness, and Leadership* and *Life Skills and Career Opportunities*. Uniform wear and drill is a weekly course requisite.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: ROTC 1-2

AEROSPACE SCIENCE 5-6

This course is designed to acquaint students with one of the following Aerospace Science academic blocks: *Journey into Aviation History, Science of Flight, Space and Astronomy, and/or Air Force Survival Training*. Leadership education will alternate on a yearly basis between *Communication Skill, Awareness, and Leadership* and *Life Skills and Career Opportunities*. Uniform wear and drill is a weekly course requisite.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: ROTC 3-4

AEROSPACE SCIENCE 7-8

This hands-on class allows the senior students the opportunity to put their theories of leadership and management to practice by leading the cadet corps. Students are responsible for planning, coordinating, communicating, and executing the corps' activities for

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

the year. Students may also study different countries and cultures, and the government and military structure and policy-making procedures. Students will wear the uniform once a week to include the Battle Dress Uniform.

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: ROTC 5-6

ADVANCED AEROSPACE SCIENCE

This program consists of an aviation ground school to prepare students to take the FAA ground flight exam. This step is a requirement for students interested in obtaining a private pilot's license.

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: ROTC 3-4 & Instructor Approval

CTE PROGRAM OF STUDY: ACCOUNTING

***ACCOUNTING (SOHS)**

This course is designed to help students understand basic accounting principles and procedures. Students will learn and apply the accounting concepts necessary for financial record keeping and decision-making in business using computers and real-world activities. Topics include careers in accounting, the importance of ethics, working with business transactions, completing the accounting cycle, and accounting for payroll, sales, and purchases. This course aligns with ACC 109 at the community college and may be available for dual enrollment credit. Student Organization: FBLA

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: None

ADVANCED ACCOUNTING (SOHS)

In this course, students will expand upon advanced accounting principles and procedures through business simulations covering accounting tasks and financial analysis. Students will use QuickBooks. This course is strongly recommended for students planning to major in business in college. This course aligns with ACC115 at the community college and may be available for dual enrollment credit.

PASSING THIS COURSE MEETS THE 4th CREDIT MATH GRADUATION REQUIREMENT. Student Organization: FBLA GRADE: 10-12
LENGTH: Year

CREDIT: 1

PREREQUISITE: Accounting

***CTE INTERNSHIP**

A supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Accounting industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning Program. Student Organization: FBLA

GRADE: 12 (minimum 16 years of age)
CREDIT: 1

LENGTH: Year
PREREQUISITE: Advanced Accounting
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: ANIMATION

INTRODUCTION TO ANIMATION (BCHS, MRHS)

In this course students study the fundamentals of Art and Animation through hands-on experience with relevant technology to prepare them to consider pursuing careers in the creative and dynamic visual communication industry. This program prepares students in developing the process of displaying still images in a rapid sequence to create the illusion of movement. Students will acquire technical skills in the use of Autodesk Maya and/or 3ds Max and Adobe design software. Student Organization: FBLA or SkillsUSA

GRADE: 9-12
CREDIT: 1

LENGTH: Year

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ADVANCED ANIMATION (BCHS, MRHS)

This course continues student learning in the area of Computer Animation. Students will explore advanced animation techniques and concepts such as surface shaders, node editing, advanced lighting setups, physics and particle systems, cinematography, compositing and rendering techniques, video editing, motion tracking and game design. Students will also explore the various career opportunities in the animated graphics and visual effects fields. The class will be project-based with an emphasis on career preparation. Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Introduction to Animation

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the animation industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is delivered through the Deer Valley Online Learning Program a Deer Valley Online Learning Program course.** Student Organization: SkillsUSA GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Animation
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: ARCHITECTURAL DRAFTING

DRAFTING (BGHS)

Students are introduced to reading and interpreting technical drawings and blueprints for buildings and associate sites utilizing manual and Computer Aided Drafting (CAD) techniques. Students will analyze drafting calculations, material estimations, and architectural interpretations. This course aligns with CAD100 at the community college and may be available for dual enrollment credit. Student Organization: SkillsUSA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED DRAFTING (BGHS)

Students will concentrate on advanced drawing techniques in the areas of two-dimensional and three-dimensional engineering designs. Architectural drafters prepare sketches, drawings and models with technical details using specifications and calculations provided by engineers, surveyors, architects and clients. The use of AutoCAD and Revit will be an extensive part of this class. This course aligns with CAD167 at the community college and may be available for dual enrollment credit. **PASSING THIS COURSE MEETS THE 4th CREDIT MATH GRADUATION REQUIREMENT.** Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Drafting

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Drafting industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is delivered through the Deer Valley Online Learning Program.**

Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Drafting
(Concurrently or previously taken)

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

**PRINCIPLES OF THE BIOMEDICAL SCIENCES H (MRHS)**

Students in this course investigate the human body systems and various health conditions. The activities and projects introduce students to human physiology, medicine, and research processes. This course is designed to provide an overview of all the courses in the PLTW Biomedical Sciences program and to lay the scientific foundation necessary for student success in subsequent courses. These courses provide read-world problem/project based learning which builds on scientific knowledge and exposes students to careers in science, medicine, research and more. **This course meets the requirement for graduation of one Lab Science.** Student Organization: HOSA

GRADE: 9-12
CREDIT: 1

LENGTH: Year

HUMAN BODY SYSTEMS H (MRHS)

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal Maniken©, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries. **This course meets the requirement of one Advanced Lab Science.** Student Organization: HOSA

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Principles of the Biomedical Sciences H

MEDICAL INTERVENTIONS H (MRHS)

Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. **This course meets the requirement of one Advanced Lab Science.** Student Organization: HOSA

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Human Body Systems H

BIOMEDICAL INNOVATION H (MRHS)

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. **This course meets the requirement of one Advanced Lab Science.** Student Organization: HOSA

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Medical Interventions H

***CTE INTERNSHIP**

A supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Bioscience industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is delivered through the Deer Valley Online Learning Program.

Student Organization: HOSA

GRADE: 12 (minimum 16 years of age)
CREDIT: 1

LENGTH: Year
PREREQUISITE: Human Body Systems H (Concurrently or previously taken)

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

CTE PROGRAM OF STUDY: BUSINESS OPERATIONS

***BUSINESS OPERATIONS (BGHS)**

This course prepares students to utilize technology for effectively organizing, preparing, and communicating information. Students will analyze and solve business problems using software applications including word processing, spreadsheet, database, and presentation graphics. Through experiential learning activities, students plan for the uses of time, budgets, supplies, and individual efforts. During this course students will develop critical thinking, applied academic, interpersonal, computer, and leadership skills. This course is aligned to BPC110 at the community college and may be available for dual enrollment credit. Student Organization: FBLA.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

ADVANCED BUSINESS OPERATIONS (BGHS)

This course focuses on preparing students for professional employment in an increasingly dynamic, digital, and global environment. Throughout the course, students will continue to develop skills in human relations, communication, critical thinking, time management, technology, and technology. Students will increase understanding of employers' expectations and develop into strong, competent employees and leaders. This course is aligned to MGT175 & GBS110 at the community college and may be available for dual enrollment credit. Student Organization: FBLA.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Business Operations

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within business and industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning Program. Student Organization: FBLA

GRADE: 12 (minimum 16 years of age)
CREDIT: 1

LENGTH: Year
PREREQUISITE: Advanced Business Operations
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: CULINARY ARTS

CULINARY ARTS (BGHS)

This class focuses on basic food preparation and presentation techniques. Students learn to prepare baked goods and pastries, vegetables, meats and dairy products. This class exposes students to curriculum written by industry professionals. This program covers safety and sanitation issues and procedures required in the food industry. This class is designed for students who have an interest in food preparation and learning about the culinary profession. Students will complete required food handler's training. Student Organization: FCCLA

GRADE: 9-12
CREDIT: 1

LENGTH: Year

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ADVANCED CULINARY ARTS (BGHS)

Students learn operational procedures and professional skills used in the foodservice industry. Professional cooking techniques, knife skills, garde manager, cold and hot food preparation, advanced pastries and baking, stocks, sauces, and plate presentation along with advanced French cooking methods. Students are required to complete food handler's training. The course includes the operation of a student enterprise, including front and back of the house operations. Students will be required to participate in six catering events per semester. National Careers through Culinary Arts Program (C-CAP) activities are included. Student Organization: FCCLA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Culinary Arts

RESTAURANT AND DINING ROOM MANAGEMENT (BGHS)

This course provides the opportunity for students to utilize learned restaurant course competencies in the real-life setting, and also provides supplemental laboratory experience on the extensive array of equipment and processes. This course presents an in-depth analysis of dining room and kitchen personnel as well as menu planning, food costing, styles of service, and customer service responsibilities. A six-hour working lab will take place where students will engage several roles in the kitchen brigade, or in the restaurant – setting up and serving in a student-run restaurant that is open to the public. Student Organization: FCCLA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PRE-REQUISITE: Advanced Culinary Arts, permission of instructor, Food Handler's Certification

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Culinary Arts industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning Program.

Student Organization: FCCLA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Culinary Arts
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: DIGITAL COMMUNICATIONS

INTRODUCTION TO DIGITAL COMMUNICATIONS (, MRHS, SOHS)

This course covers the fundamentals of journalistic writing and desktop publishing. Emphasis is placed on interviewing, various styles of writing, publication design, and press law. Students will gain experience in digital communication and photojournalism. This course culminates in the submission of content for use in one issue of the school news publication. Student Organization: FBLA or SkillsUSA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED DIGITAL COMMUNICATIONS (, MRHS, SOHS)

This course provides students with career-based experience in working on collaborative teams to prepare digital communications and journalistic products. Students in this class are responsible for production of the school's student led newspaper / news publication. Students will apply practices learned in the introduction course as they prepare, layout, write and edit content for publication and examine use of social media. Digital and print products may be distributed within the school and community. Student Organization: FBLA or SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Introduction to Journalism/ Digital Communications

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the digital communications industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning Program. Student Organization: FBLA or SkillsUSA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Intermediate Digital Communications or Advanced Digital Communications (Concurrently or previously taken)

CTE PROGRAM OF STUDY: EARLY CHILDHOOD EDUCATION

EARLY CHILDHOOD EDUCATION (BCHS, SOHS)

This course examines the developing child from conception through early childhood. Areas of study include the physical, social, emotional, and intellectual growth of children. Students gain an understanding of issues related to child development. Observation in a preschool setting provides students with real world experience. This course aligns with ECH176 at the community college and may be available for dual enrollment credit. Student Organization: Educators Rising

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED EARLY CHILDHOOD EDUCATION (BCHS, SOHS)

Students will plan and teach curriculum for 3 and 4 year old children, design a learning center and gain valuable experiences working with children. The students will learn teaching techniques, childcare operations, CPR/first aid, and guidance skills. Credit for prior learning may be available from the community college for students who earn a passing score on the state’s technical skill assessment for Early Childhood Education. Student Organization: Educators Rising

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Child Development

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Early Childhood industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning Program. Student Organization: Educators Rising

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Early Childhood Education (Concurrently or previously taken)

CTE PROGRAM OF STUDY: EDUCATION PROFESSIONS

EDUCATION PROFESSIONS (MRHS)

This course prepares students to work in the field of education. Units emphasize communication, knowledge of the learner, the teacher and the school. Students practice these skills through on-going field experience at one or two local elementary schools. Student Organization: Educators Rising

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED EDUCATION PROFESSIONS (MRHS)

This course continues to prepare students in the field of education. Units emphasize communication, classroom responsibilities, educational issues, and professional development. Students complete field experience at one or two local schools. **This course aligns with EDU221 at the community college and may be available for dual enrollment credit.** Student Organization: Educators Rising

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Education Professions

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Education Profession. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Student Organization: Educators Rising

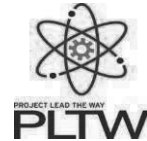
GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Education Professions
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: ENGINEERING SCIENCES PROJECT LEAD THE WAY



INTRODUCTION TO ENGINEERING DESIGN (BCHS, MRHS)

Introduction to Engineering Design (IED) is for all students interested in design and engineering. The major focus of this course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, students use a state of the art 3D solid modeling design software package to help them design solutions to solve proposed problems. Student Organization: SkillsUSA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PRINCIPLES OF ENGINEERING H (BCHS, MRHS)

Principles of Engineering (POE) is an intermediate-level course which exposes students to some of the major concepts they will build upon in a Post-secondary course of study. Students will investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning. Used in combination with a teaming approach, POE challenges students to continually strengthen their interpersonal skills, creative abilities, and problem solving skills. **PASSING THIS COURSE MEETS THE 4th CREDIT MATH GRADUATION REQUIREMENT.** Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Introduction to Engineering Design

DIGITAL ELECTRONICS H (MRHS)

Digital Electronics (DE) exposes students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will analyze, design and build digital electronic circuits. While implementing these designs, students will continually hone their interpersonal skills, creative abilities and understanding of the design process. Student Organization: SkillsUSA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Principles of Engineering

AEROSPACE ENGINEERING H (BCHS)

Aerospace Engineering (AE) explores the evolution of flight, navigation and control, flight fundamentals, aerospace materials, propulsion, space travel, and orbital mechanics. In addition, this course presents alternative applications for aerospace engineering concepts. Students analyze, design, and build aerospace systems. They apply knowledge gained throughout the course in a final presentation about the future of the industry and their professional goals. Student Organization: SkillsUSA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Principles of Engineering or Advanced Engineering

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ENGINEERING DESIGN AND DEVELOPMENT H (BCHS & MRHS)

In this capstone course (EDD), students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel.

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Digital Electronics, Aerospace Engineering or permission of instructor

*CTE INTERNSHIP

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Engineering industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning Program.

Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)
CREDIT: 1

LENGTH: Year
PREREQUISITE: Principles of Engineering
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: FILM AND TV PRODUCTION

*MEDIA PRODUCTIONS (BCHS, BGHS, MRHS, SOHS)

Students will be introduced to broadcast news, film, social media and television arenas. This hands-on course will work in a digital media computer lab to capture, create and edit video. Students use script writing, lighting techniques and sound editing to create and produce a variety of projects. This course aligns with CIS120DK & CIS140 at the community college and may be available for dual enrollment credit. Student Organization: SkillsUSA or FBLA

GRADE: 9-12
CREDIT: 1

LENGTH: Year

INTERMEDIATE MEDIA PRODUCTIONS (BCHS, BGHS, MRHS, SOHS)

This course provides students real world experience in multimedia and video broadcast production including social media formats while using industry software for editing and effects. Students are teamed together to form production crews and given authentic experience with multimedia computers, video cameras, visual editing equipment, microphones, audio mixers and lighting equipment. Production material may be broadcast within the school and district. This course aligns with CIS220DK & CIS120DL at the community college and may be available for dual enrollment credit. Student Organization: SkillsUSA or FBLA

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Media Productions

ADVANCED MEDIA PRODUCTIONS (BCHS, BGHS, MRHS, SOHS)

Students will utilize multimedia technology to design and execute specialized projects in collaboration with team members using critical thinking and a solution focus to achieve pre-determined outcomes. Student Organization: SkillsUSA or FBLA.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Intermediate Media Productions

*CTE INTERNSHIP

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Audio/Visual industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is a Deer Valley Online Learning Program course. Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)
CREDIT: 1

LENGTH: Year
PREREQUISITE: Intermediate Media Production
(Concurrently or previously taken)

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

CTE PROGRAM OF STUDY: FINANCE

FINANCIAL SERVICES AND MONEY MANAGEMENT (BCHS)

This course prepares students to provide a wide variety of customer services and technical support in investments and securities, financial planning, credit management, insurance, real estate and banking and other financial related areas. Students will be prepared to participate in teams to solve problems and think critically about managing their personal finances and those of a business organization. Student Organization: FBLA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED FINANCIAL SERVICES & MONEY MANAGEMENT (BCHS)

This course is a continuation of Financial Services and Money Management. The course explores advanced financial concepts in the areas of financial planning, investments, retirement, credit management, real estate, and insurance. The course is designed to provide the students the foundational knowledge to obtain property and casualty insurance certification. Student Organization: FBLA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Financial Services & Money Management

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Financial Services industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning Program a Deer Valley Online Learning Program course. Student Organization: FBLA

GRADE: 12 (minimum 16 years of age) LENGTH: Year

CREDIT: 1 PREREQUISITE: Advanced Financial Services and Money Management (concurrently or previously taken)

CTE PROGRAM OF STUDY: GRAPHIC DESIGN

GRAPHIC DESIGN (BCHS, BGHS, DVHS, MRHS, SOHS)

In this course, students study the fundamentals of graphic design through hands-on experience with relevant technology to prepare them to consider pursuing careers in the creative and dynamic visual communication industry. The combination of visual art and technical concepts sharpens students' skills in critical thinking, logic, communication, organization, and problem solving. Students will acquire technical skills in the use of Adobe design software. This course is aligned to CIS120DB/120DF at the community college and is available for dual enrollment credit. Community college tuition applies. Student Organization: SkillsUSA or FBLA.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

INTERMEDIATE GRAPHIC DESIGN (BCHS, BGHS, DVHS, MRHS, SOHS)

This project-based course, applies the graphic design/visual communication techniques learned in the introductory class. Students are challenged to apply these methods and concepts to create effective designs for clients' communication needs. This program prepares students for careers as production artists, graphic and multimedia designers within a diverse industry. Students will further develop technical skills in the use of Adobe design software. This course aligns with CIS138DA at the community college and may be available for dual enrollment credit. Student Organization: SkillsUSA or FBLA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Graphic Design

ADVANCED GRAPHIC DESIGN (BCHS, BGHS, DVHS, MRHS, SOHS)

In this course, students refine their technical design skills. Students will further develop their problem solving skills, understanding of design and explore roles within a design team. Designers work on everything from illustrations, tag lines, animated logos, digital imaging, website design, and advertising layouts for clients. Students will apply advanced technical skills in the use of Adobe design software. Student Organization: SkillsUSA or FBLA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Intermediate Graphic Design

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Graphic Design industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is delivered through the Deer Valley Online Learning Program.**

Student Organization: SkillsUSA or FBLA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Intermediate Graphic Design (concurrently or previously taken)

CTE PROGRAM OF STUDY: HOSPITALITY MANAGEMENT

HOSPITALITY MANAGEMENT (DVHS)

This course introduces students to the exciting and diverse hospitality and tourism industry. Customer-focused services are examined in business areas such as: hotels, resorts, food and beverage operations, convention centers, sports and recreational management, travel agencies and cruise lines. Students will prepare and test for the Maricopa County Food Handler’s card. Student Organization: DECA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED HOSPITALITY MANAGEMENT (DVHS)

This course introduces students to the skills and knowledge required in event planning. After studying the steps involved in planning a special event, students examine the unique requirements of event planning in sports, entertainment and the performing arts. Students gain value experience in project management. Students are required to complete food handler’s training. Students will host Hospitality events hosted during the school year. Student Organization: DECA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Hospitality Management

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Hospitality and Tourism industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is delivered through the Deer Valley Online Learning Program.**

Student Organization: DECA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Hospitality Management (Concurrently or previously taken)

CTE PROGRAM OF STUDY: INTERIOR DESIGN & MERCHANDISING

INTERIOR ARCHITECTURAL DESIGN (SOHS)

Students will focus on creating residential and commercial spaces by applying the elements and principles of design and architecture to layout planning and mechanical drafting of floor plans, elevations and renderings. Students will create professional presentations by creating color schemes, lighting plans, finish treatments, and making furniture selections for specific uses. Student Organization: FCCLA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED INTERIOR ARCHITECTURAL DESIGN (SOHS)

Students will create complex projects enhancing their studies of design, elevations, and architectural details for clients. Students will focus on sustainable practices in a global environment through real world scenarios. Students will use industry standard computer aided drafting software to prepare visual presentations. Student Organization: FCCLA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Interior Architectural Design

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

*CTE INTERNSHIP

A supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Design and Merchandising industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning Program.

Student Organization: FCCLA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Interior Architectural Design

(Concurrently or previously taken)

CTE PROGRAM OF STUDY: LAW, PUBLIC SAFETY AND SECURITY

EVENING PROGRAM- ONE YEAR

INTRODUCTION TO LAW ENFORCEMENT (BGHS)

This course will introduce students to a variety of employment opportunities in law, public safety, and security careers. Training includes the basics of arrest procedures, criminal law, the court system, enforcement agencies and physical training. Class meets after school two days a week at **BGHS**. Students must provide their own transportation. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Student Organization: SkillsUSA

Note: Class meets 3 Saturdays per semester plus additional work based learning hours required

GRADE: 9-12 LENGTH: Semester (Fall) HS CREDIT: 1 *EVENING COURSE

ADVANCED LAW ENFORCEMENT (BGHS)

This advanced level program is designed to enhance basic law training in addition to studying safety and communication, first aid procedures, police skills, and investigative procedures for traffic accidents, crime scenes, handling of evidence using technical supervised occupational experience. Class meets after school two days a week at **BGHS**. Students must provide their own transportation. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Student Organization: SkillsUSA **Note:**

Class meets 3 Saturdays per semester plus additional work based learning hours required

GRADE: 10-12

LENGTH: Semester (Spring)

HS CREDIT: 1

PREREQUISITE: Introduction to Law Enforcement

*EVENING COURSE

TWO YEAR PROGRAM

INTRODUCTION TO LAW ENFORCEMENT (BGHS)

This course will introduce students to a variety of employment opportunities in law, public safety, and security careers. Training includes the basics of arrest procedures, criminal law, the court system, enforcement agencies and physical training. Class meets daily during the regular school day at **BGHS**. Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

HS CREDIT: 1

ADVANCED LAW ENFORCEMENT (BGHS)

This advanced level program is designed to enhance basic law training in addition to studying safety and communication, first aid procedures, police skills, and investigative procedures for traffic accidents, crime scenes, handling of evidence using technical supervised occupational experience. Class meets after school two days a week at **BGHS**. Students must provide their own transportation. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Student Organization: SkillsUSA

Note: Class meets 3 Saturdays per semester plus additional work based learning hours required

GRADE: 10-12 LENGTH: Year

HS CREDIT: 1

PREREQUISITE: Introduction to Law Enforcement

*CTE INTERNSHIP

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Law Enforcement industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning program.

Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Law Enforcement

(Concurrently or Previously Taken)

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

CTE PROGRAM OF STUDY: MARKETING

***MARKETING (BGHS, DVHS, MRHS, SOHS)**

This course is designed to introduce students to the fundamentals of marketing, including selling, promotion, pricing, product planning, distribution, and marketing information management. The concepts and principles learned throughout the year will be combined in developing a marketing plan and will lay the foundation for pursuing careers in marketing, management, and entrepreneurship. This course is aligned to MKT271 at the community college and is available for dual enrollment credit. Student Organization: DECA or FBLA.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED MARKETING AND ENTREPRENEURSHIP (BGHS, DVHS, MRHS, SDOH)

This class provides students the opportunity to apply marketing and management principles for businesses through application-based projects. Students will prepare for employment by preparing career portfolios and working in a campus student enterprise. **PASSING THIS COURSE MEETS THE FREE ENTERPRISE/ ECONOMICS GRADUATION REQUIREMENT.** This course may align to MGT253 and GBS151 at the community college and may be available for dual enrollment credit. Community college tuition applies. Student Organization: DECA.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Marketing

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Marketing industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley Online Learning program. Student Organization: DECA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Marketing (concurrently or previously taken)

CTE PROGRAM OF STUDY: NURSING SERVICES

INTRODUCTION TO HEALTH CARE CAREERS (DVHS)

This course provides the student with basic information relating to all areas of health care. This is an overview course. Students study careers in health services and patient care. Topics include basic medical terminology, concepts of health and disease, socio-economics of health care, basic emergency first-aid, human anatomy and physiology, interpersonal skills, ethics and legalities, and infection control. Student Organization: HOSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

INTRODUCTION TO NURSING PROFESSIONS (DVHS)

Students will be trained in basic nursing skills and will give direct patient care under the supervision of a registered nurse. Students will be introduced to a variety of health care problems and their treatments. Upon completion students will be qualified to take the Arizona State Board of Nursing Certified Nursing Assistant exam. This class is a 2 hour block. All students must take a medical reading and math assessment required by the Arizona State Board of Nursing prior to entering the program. Students must obtain a TB Test (has to be negative or need to get a chest x-ray), physical exam and a Health Care Provider CPR certification card, and proof of current immunization status prior to the start of the course. An OIG (Office of the Inspector General) background check will also be done in order for student to participate in clinical. (Clinical sites may request a drug screen. Varies by site and current facility requirements.) Students must provide their own transportation to their clinical setting. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Student Organization: HOSA

GRADE: 12

LENGTH: Year

CREDIT: 2 (2-hour block)

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

CTE PROGRAM OF STUDY: SOFTWARE AND APP DESIGN

SOFTWARE AND APP DESIGN (BCHS, BGHS, DVHS, MRHS, SOHS)

This course introduces programming concepts and procedures through the use of one or more programming languages. Students will work to solve problems using programming languages through the design, execution, and refinement of solutions to ensure appropriate results. This course may align to CIS159, CIS133DA, or CIS166AA at the community college and may be available for dual enrollment credit at some sites. Student Organization: SkillsUSA or FBLA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

SOFTWARE AND APP DESIGN: AP COMPUTER SCIENCE PRINCIPLES (SOHS)

This course introduces programming concepts and procedures through the use of one or more programming languages. Students will work to solve problems using programming languages through the design, execution, and refinement of solutions to ensure appropriate results. This course may align to CIS133DA or CIS166AA at the community college and may be available for dual enrollment credit at some sites. Student Organization: SkillsUSA or FBLA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED SOFTWARE AND APP DESIGN (BCHS, BGHS, DVHS, MRHS, SOHS)

This course introduces programming concepts and procedures through the use of one or more programming languages. Students will work to solve problems using programming languages through the design, execution, and refinement of solutions to ensure appropriate results. This course may align to CIS162AB at the community college and may be available for dual enrollment credit.

PASSING THIS COURSE MEETS THE 4th CREDIT MATH GRADUATION REQUIREMENT. Student Organization: SkillsUSA or FLBA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Software and App Design

ADVANCED SOFTWARE AND APP DESIGN: AP COMPUTER SCIENCE A (BCHS, BGHS, DVHS, MRHS, SOHS)

This course introduces programming concepts and procedures through the use of Java. Students will work to solve problems using programming languages through the design, execution, and refinement of solutions to ensure appropriate results. This course is align to CIS163AA at the community college and may be available for dual enrollment credit. **PASSING THIS COURSE MEETS THE 4th CREDIT MATH GRADUATION REQUIREMENT.**

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Software and App Design

CYBERSECURITY (DVHS)

Students explore the tools and concepts of cybersecurity and create solutions that allow people to share computing resources while protecting privacy. This course engages students in interdisciplinary activities that not only build knowledge and skills in computer science, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance. Student Organization: FBLA or Skills USA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Computer Science A

ANDROID MOBILE DEVICE PROGRAMMING (BCHS)

This course explores the required software tools and programming techniques for developing Android device applications from creating the user interface, working with activities, intents and views, to using databases, providing data persistence, accessing device features and services, to debugging and publishing applications.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advance Software and App Design

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Information Software and App Design industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Internship is delivered through the Deer Valley online Learning Program. Student Organization: Skills USA or FBLA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

CREDIT: 1

PREREQUISITE: Advanced Information Technology
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: SPORTS MEDICINE AND REHABILITATION

INTRODUCTION TO SPORTS MEDICINE (DVHS, SOHS)

Students will be introduced to the technical services involved in planning, organizing, researching, directing and controlling functions and processes related to the provision of select healthcare services. Focus will be on sports medicine. Each student may be required to spend up to 20 hours under the supervision of a Certified Athletic Trainer in the training room, athletic practices and work a minimum of one athletic competition event each season. **Minimum hours required vary by teacher and location.** This course aligns with HES154 & HES271 at the community college and may be available for dual enrollment credit. **THIS COURSE DOES NOT MEET THE LAB SCIENCE REQUIREMENT.** Student Organization: HOSA

GRADE: 9-12
CREDIT: 1

LENGTH: Year

ADVANCED SPORTS MEDICINE (DVHS, SOHS)

This advanced course prepares students to apply academic and technical knowledge in the field of sports medicine, physical therapy and athletic training. Each student will be required to spend a minimum of 30 hours under the supervision of a Certified Athletic Trainer in the training room, athletic practices and work a minimum of one athletic competition event each season. This course aligns with HES275 at the community college and may be available for dual enrollment credit. **THIS COURSE DOES NOT MEET THE LAB SCIENCE REQUIREMENT.** Student Organization: HOSA

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Sports Medicine

NASM Certified Personal Trainer (SOHS)

The NASM Certified Personal Trainer (CPT) program is built on a proven, evidence-based training model that prepares students for real-world situations. Practical and application-focused content is presented in an easy-to-understand format. Students will master complex scientific principles and be prepared to accept the challenge of the certification exam. Student Organization: HOSA

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Advanced Sports Medicine

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Sports Medicine industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is delivered through the Deer Valley Online Learning Program**

a Deer Valley Online Learning Program course. Student Organization: HOSA

GRADE: 12 (minimum 16 years of age)
CREDIT: 1

LENGTH: Year
PREREQUISITE: Advanced Sports Medicine
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: STAGECRAFT

STAGE PRODUCTION (DVHS, SOHS)

This course will introduce students to the technical and mechanical aspects of the theatre. Students will draft their own designs and construct stage scenery, as well as learn to use the lighting and sound equipment for the stage. Ten hours per semester of outside class time is required for work experience on school productions. Student Organization: SkillsUSA or Thespians

GRADE: 10-12
CREDIT: 1

LENGTH: Year

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ADVANCED STAGE PRODUCTION (DVHS, SOHS)

Students will apply advanced technical and mechanical skills in the planning, designing and implementation of stage production projects while gaining valuable industry experience. Ten hours per semester of outside class time is required for work experience on school productions. Hours requirement may vary by campus. Student Organization: SkillsUSA or Thespians

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Stage Production

***CTE INTERNSHIP**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Stagecraft industry. This internship provides on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. **ADDITIONAL INTERNSHIP SITE REQUIREMENTS MAY BE REQUIRED FOR STUDENT PARTICIPATION. A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is delivered through the Deer Valley Online Learning Program a Deer Valley Online Learning Program course.** Student Organization: SkillsUSA or Thespians

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Stage Production (concurrently or previously taken)

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

West-MEC

Career Training Programs for High School Students

Deer Valley Unified School District is a member of West-MEC, a career and technical education district that partners with school districts to improve and expand Career & Technical Education programs. Students must be a continuing DVUSD student to enroll in a West-MEC program. Central Programs are career and technical education (CTE) courses offered to juniors and seniors in high school. Central program students study academic classes at their high school, then travel to a West-MEC or partner program campus for a CTE program.

West-MEC applications are available online at www.west-mec.org *

<u>Aesthetician</u>	<u>Air Conditioning Technician</u>
<u>Automotive Collision Technology</u>	<u>Automotive Technology</u>
<u>Aviation Maintenance Technology</u>	<u>Avionics/Drone Electronics</u>
<u>Biomedical Science</u>	<u>Coding</u>
<u>Culinary Principles @ Estrella Community College</u>	<u>Dental Assisting</u>
<u>Electrical Trade Specialty</u>	<u>Emergency Medical Technician</u>
<u>Energy And Industrial Technology</u>	<u>Environmental Sustainability</u>
<u>Fire Science</u>	<u>General Construction Technology</u>
<u>Hairstyling</u>	<u>IT Security</u>
<u>Law, Public Safety, and Security</u>	<u>Masonry/Concrete Specialty</u>
<u>Medical Assisting</u>	<u>Medium/Heavy Diesel Technology</u>
<u>Pharmacy Technician</u>	<u>Physical Therapy Technician</u>
<u>Powersports Technician</u>	<u>Precision Machining</u>
<u>Veterinary Sciences</u>	<u>Welding Technology</u>

**Please visit west-mec.org for individual program information on locations, times, grade levels, industry certifications and fees.*

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

DEPARTMENTAL COURSES

FINE ARTS – VISUAL ARTS

Successful completion of 1 credit meets high school and college Fine Arts requirement.

*ART HUMANITIES

This course will explore the role of art in past and present societies. Students will gain a deeper understanding of how art has evolved, how it is produced, and how it is used. Art concepts will be analyzed as a reflection of diverse cultures and of various historical time periods. Periodic studio activities may also be explored.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

*MUSIC HUMANITIES

This course will explore current and past musical forms. Students will gain a deeper understanding of the evolution of music, how it is produced, and how it is used. Music will be analyzed to provide a better understanding of history and culture. This course is available for dual enrollment credit at some sites.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

*INTRODUCTION TO ART

This course gives the students an overview of the basic fundamentals of design. It includes such areas as tools and techniques, media applications, painting, and graphics on art history.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

CERAMICS 1-2

This course will teach the basic techniques used in hand building and wheel construction of clay.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

CERAMICS 3-4

This course reinforces those skills and techniques used in Ceramics 1-2. Emphasis will be on both hand building and wheel techniques.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Ceramics 1-2 or Placement Criteria

CERAMICS 5-6

This course reinforces skills and techniques used in Ceramics. Students will continue to explore hand building and wheel techniques.

GRADE: 11 - 12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Ceramics 3-4 or Placement Criteria

CERAMICS Portfolio Prep

This course allows students to advance skills learned in prior classes and apply them in creating a coherent body of ceramics work. Students will prepare a portfolio for college and/or job interview.

GRADE: 11 - 12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Ceramics 5-6 or Placement Criteria

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

3 DIMENSIONAL DESIGN

This course will review the elements of design. The student will work with leather, jewelry, clay, weaving, and various mixed media projects.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

***DRAWING 1-2**

This course teaches the basic techniques of drawing through the use of pencil sketching, pen and ink, colored pencils, charcoal and pastels.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

DRAWING 3-4

This course offers exposure to drawing techniques. It is designed for students who wish to further their studies in pastels, pen and ink, pencil, mixed media, etc. This course is available for dual enrollment credit at some sites.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Drawing 1-2

***PAINTING 1-2**

Students will paint in acrylic, watercolor and oil, with an emphasis on design elements and principles. Color theory and art history will be explored.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

PAINTING 3-4

Students will be working in advanced painting techniques. An emphasis on individual style will be explored.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Painting 1-2

STUDIO ART I: TWO DIMENSIONAL ART

Two Dimensional Art is a second year Fine Arts course that is a part of the IB MYP program. Students are required to take Intro to Art prior to taking this course. Students will be working primarily two-dimensionally. We practice developing skills that relate to drawing and painting, thinking creatively, knowing and understanding art terminology, and responding to works of art.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

STUDIO ART I: THREE DIMENSIONAL ART

Ceramics is a second year Fine Arts course that is a part of the IB MYP program. Students are required to take Intro to Art prior to taking this course. In this course, students will be working primarily three-dimensionally. We practice developing skills that relate to this medium, thinking creatively, knowing and understanding art terminology and vocabulary, and responding to works of art. Come join us in ceramics and get your creativity on!

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

STUDIO ART II

This course will emphasize broadening skills in both two-dimensional and three-dimensional art techniques, expanding student critical thinking and interpretation skills, and exploring art as a means of expression and cultural identity throughout the world.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Studio Art I

***2 DIMENSIONAL DESIGN DIGITAL PHOTOGRAPHY**

This course will serve students who want to explore photography as an art form and for those interested in creative careers. Advanced students will have an opportunity to submit their portfolios in AP Studio Art: 2D Design.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

2-D PORTFOLIO PREPARATION

This is an advanced class designed for students who wish to work on a contracted, individualized basis. Students will prepare portfolios for college and/or job interview. This course is aligned to ART 111 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Drawing 1-2 and Drawing 3-4

3-D PORTFOLIO PREPARATION

This advanced class is for students who wish to work in any three-dimensional area on a contracted, individualized basis. Students will prepare portfolios for college and/or job interview.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: 3-D Design or Instructor's Signature

AP STUDIO ART: DRAWING

The Drawing Portfolio is intended to address a very broad interpretation of drawing issues and media. Line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Enrolled students are expected to take the AP exam.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Drawing 3-4 or Placement Criteria

AP STUDIO ART: 2D DESIGN

The principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, figure/ground relationships) can be articulated through the visual elements (line, shape, color, value, texture, space). For this portfolio, students are asked to demonstrate mastery of 2-D design through any two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. Video clips, DVDs, CDs and three-dimensional works may not be submitted. However, still images from videos or films are accepted. Enrolled students are expected to take the AP exam.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: 2-D Portfolio or Placement Criteria

AP STUDIO ART: 3D DESIGN CERAMICS

In the 3-D Design Portfolio, students are asked to demonstrate their understanding of design principles as they relate to the integration of depth and space, volume and surface. The principles of design can be articulated through visual elements. For this portfolio, students are asked to demonstrate mastery of 3-D design through any three-dimensional approach, including, but not limited to, figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glass work, installation, assemblage and 3-D fabric/fiber arts. Enrolled students are expected to take the AP exam.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: 2-D Portfolio or Placement Criteria

FINE ARTS - PERFORMING ARTS

DANCE FUNDAMENTALS

This beginning level course develops techniques and routines in jazz, ballet, tap and modern dance. Basic anatomy, biology, kinesiology, dance history and terminology are studied. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

INTERMEDIATE DANCE

This intermediate level class is a continuation of Dance Fundamentals, using jazz, ballet, tap and modern dance forms. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Dance Fundamentals or Audition

ADVANCED DANCE

This course is designed to improve the techniques learned in previous classes and introduces higher level routines. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Intermediate Dance or Audition

DANCE ENSEMBLE

This advanced class is designed to improve techniques and performance abilities learned in earlier classes. All forms of dance will be taught. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Advanced Dance or Audition

PERFORMANCE DANCE ENSEMBLE

This is a mastery level course where dancers are expected to have exemplary dance technique. Emphasis is placed on choreography and performance. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

BEGINNING THEATRE

This course is designed to acquaint students with acting, theatre production, theatre history, puppetry, pantomime, and dramatic activities.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

INTERMEDIATE THEATRE

This course helps students develop dramatic skills and acting techniques through participation in children's theatre and one act plays.

GRADE: 10-12 CREDIT: 1

PREREQUISITE: Theatre 1-2

ADVANCED THEATRE

This advanced level course is an in depth study of the various aspects of the theatre and acting. Students will apply a variety of acting and directing techniques as they produce one act and full length plays. Outside class time may be required.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Theatre 3-4

ADVANCED PERFORMANCE THEATRE

This in-depth study of acting, scene development and theatre production will enable students to select scripts for production and performance. The students will be responsible for all aspects of the production. Outside class time may be required.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Advanced Theatre or Audition

STAGE PRODUCTION

This course will introduce students to the technical and mechanical aspects of the theatre. Students will draft their own designs and construct stage scenery, as well as learn to use the lighting and sound equipment for the stage. Outside class time is required.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Theatre 1-2 or Placement Criteria

NOTE: Enrollment in instrumental course may require participation in performances and/or marching band. Students who have advanced to upper level music courses may not enroll in lower level music courses.

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

CONCERT BAND

This course is for the student who requires further training in music fundamentals in concert band literature. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

BAND – COLOR GUARD

This course is designed to provide students with instruction in the four elements of color guard including dance, flag, rifle, and saber. Students will also be expected to learn and use proper terminology and performance etiquette. Class activities will include performances, skill tests, and written assignments. All course objectives are aligned with Arizona College and Career Ready Standards and/or national standards and support school-wide efforts to increase student achievement.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

SYMPHONIC BAND

The course emphasizes concert performance in concert band literature. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

WIND ENSEMBLE

This course emphasizes advanced concert band literature and performance. Participation in non-school hour rehearsals and performances required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

JAZZ ENSEMBLE

This course emphasizes jazz performance in jazz band literature. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

PERFORMANCE JAZZ

This course emphasizes advanced jazz literature and performance. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

PERCUSSION ENSEMBLE

This course emphasizes percussion performance. In addition to percussion ensemble literature, playing techniques for the primary instrument families will be dealt with including but not limited to snare drum, timpani, keyboard percussion, and auxiliary instruments. Participation in non-school hour rehearsals and performances required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

ORCHESTRA

This course is for the student who requires further training in music fundamentals in orchestral literature. Participation in non-school hour rehearsals and performances is required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

GUITAR 1-2

This is a beginning course in basic guitar technique, chord and basic theory studies, note reading and chord studies. Students are requested to provide their own acoustic guitars.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ADVANCED PERFORMANCE GUITAR

This course will continue to develop the techniques learned in Guitar 1-2. Students may perform at concerts throughout the year. Students are requested to provide their own acoustic guitars.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Guitar 1-2/Audition or Placement Criteria

MUSIC THEORY

This course introduces students to the basic elements of music theory. The course will stress writing skills, music analysis and ear training.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: 1 Credit of a music performance class

AP MUSIC THEORY

This is a standard first-year college Music Theory and Composition course. Enrolled students are expected to take the AP exam.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: 1 credit of a music performance class

PIANO

This course provides students with the opportunity to develop a working knowledge of the skills and techniques required to play the piano. Topics covered include music reading skills, correct keyboard fingering and technique, and general musicality. Students work individually at their own pace with teacher supervision and instruction. Keyboards with headphones are provided. Students will progress through instruction, practice, and performance.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

ADVANCED PERFORMANCE PIANO

This course will continue to develop the techniques learned in the Piano class. Students may perform at concerts throughout the year. Students work individually at their own pace with teacher supervision and instruction. Keyboards with headphones are provided

GRADE: 9-12
CREDIT: 1

LENGTH: Year

CHORUS

This course will provide students with an introduction to or continuing experience in choral singing and an opportunity to develop vocal technique, basic musicianship and performance skills. Participation in non-school hour rehearsals and performances required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

CONCERT CHOIR

This course will provide students with a challenging opportunity to continue their musical growth and development through choral singing. Participation in non-school hour rehearsals and performances required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

ADVANCED PERFORMANCE CHOIR

This course will provide students with a more advanced opportunity to continue their musical growth and development through choral singing. Participation in non-school hour rehearsals and performances required.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ENGLISH LANGUAGE ARTS

***ENGLISH LANGUAGE ARTS 1-2 #**

This course introduces the student to the concepts and genres of literature. Students will develop skills in reading, writing, speaking and listening.

GRADE: 9
CREDIT: 1

LENGTH: Year

***ENGLISH LANGUAGE ARTS 1-2 H**

This advanced-level course emphasizes the concepts and genres of literature and rhetoric and utilizes techniques from AP/IB curriculum. Students will engage in rigorous academic activities as preparation for the AP or IB program in the 11th and 12th grades. Class requires summer reading and projects.

GRADE: 9
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

***ENGLISH LANGUAGE ARTS 3-4 #**

This course introduces world literature and its geographic, ethnic, and historic influences. Students will develop skills in reading, writing, speaking and listening and complete a research paper.

GRADE: 10
CREDIT: 1

LENGTH: Year
PREREQUISITE: English Language Arts 1-2

***ENGLISH LANGUAGE ARTS 3-4 H**

This advanced-level course introduces world literature and its geographic, ethnic, and historic influences. Students will use this literature to examine rhetorical strategies and practice advanced skills in communication. Students will engage in rigorous academic activities as preparation for the AP or IB program in the 11th and 12th grades. Class requirements include summer reading and/or projects.

GRADE: 10
CREDIT: 1

LENGTH: Year
PREREQUISITE: English Language Arts 1-2 H or Placement Criteria ***ENGLISH LANGUAGE ARTS 5-6 #**

This course introduces the literature and documents of America. Students will develop skills in reading, writing, speaking and listening. A research paper and a speech unit are included. This course is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11
CREDIT: 1

LENGTH: Year
PREREQUISITE: English Language Arts 3-4

AP ENGLISH LANGUAGE AND COMPOSITION

This advanced placement course includes a study of rhetoric and composition. Students will develop skills in critical reading and analysis, writing, speaking and listening. Research activities and a speech unit are included. This course prepares students to take the Language and Composition AP exam. Enrolled students are expected to take the AP exam. Class requirements include summer reading and/or projects. This course is aligned to ENG 101 / ENH 110 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11
CREDIT: 1

LENGTH: Year
PREREQUISITE: English Language Arts 3-4 H or Placement Criteria

***ENGLISH LANGUAGE ARTS 7-8 #**

This course studies the comparative themes and literature of the world with an emphasis in British literature. Students will develop skills in reading, writing, speaking and listening. This course also will offer expanded opportunities to learn and practice essay strategies, including sentence/paragraph development. This course is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: English Language Arts 5-6

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

AP ENGLISH LITERATURE AND COMPOSITION

This advanced placement course includes a study of historic and current world literature. Students will develop skills in critical reading and analysis, writing, speaking and listening. Research activities and a speech unit are included. This course prepares students to take the Literature and Composition AP exam. Enrolled students are expected to take the AP exam. Class requirements include summer reading and/or projects.

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Jr. English Language Arts AP or Placement Criteria

ENGLISH LANGUAGE DEVELOPMENT (ELD)

English Language Development is an intensive and prescriptive English program for students who are learning English as their second language. All students who qualify for the program will be placed in four courses of ELD based upon the proficiency level test results from the Arizona English Language Learner Assessment in oral, reading and writing components.

GRADE: 9-12
CREDIT: 1 LA and 3 Elective

LENGTH: Year
PREREQUISITE: Placement Criteria

English Language Development

Grammar-Beginning

Students will be placed initially in a Grammar class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: AZELLA placement

Grammar-Basic

Students will be placed initially in a Grammar class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Grammar-Beginning or AZELLA placement **Grammar-**

Intermediate

Students will be placed initially in a Grammar class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Grammar-Basic or AZELLA placement

Grammar-Advanced

Students will be placed initially in a Grammar class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Grammar-Intermediate or AZELLA placement

Oral Language/Vocabulary-Beginning

Students will be placed initially in an Oral Language/Vocabulary class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: AZELLA placement

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

Oral Language/Vocabulary-Basic

Students will be placed initially in an Oral Language/Vocabulary class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Oral Language/Vocabulary-Beginning or

AZELLA placement

Oral Language/Vocabulary-Intermediate

Students will be placed initially in an Oral Language/Vocabulary class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Oral Language/Vocabulary-Basic or AZELLA

placement

Oral Language/Vocabulary-Advanced

Students will be placed initially in an Oral Language/Vocabulary class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Oral Language/Vocabulary-Intermediate or AZELLA

placement

Reading-Beginning

Students will be placed initially in a Reading class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: AZELLA placement

Reading-Basic

Students will be placed initially in a Reading class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Reading-Beginning or AZELLA placement

Reading-Intermediate

Students will be placed initially in a Reading class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Reading-Basic or AZELLA placement

Reading-Advanced

Students will be placed initially in a Reading class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Reading-Intermediate or AZELLA placement

Writing-Beginning

Students will be placed initially in a Writing class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: AZELLA placement

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

Writing-Basic

Students will be placed initially in a Writing class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Writing-Beginning or AZELLA placement

Writing-Intermediate

Students will be placed initially in a Writing class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Writing-Basic or AZELLA placement

Writing-Advanced

Students will be placed initially in a Writing class based on AZELLA placement or annual spring reassessment. Students will progress in class level annually. Course work is based on the Arizona English Language Proficiency Standards, which are aligned to the Arizona English Language Arts standards.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Writing-Intermediate or AZELLA placement

ELECTIVES - (Not for English Language Arts Credit)

ENGLISH LANGUAGE ARTS LAB

This clinical course provides the skills to improve reading and/or writing proficiency. The emphasis may include word study, fluency, comprehension strategies, and composition strategies. Student AIMS results or student IEP are used to determine proficiency and may be used to determine course placement.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: Placement

Criteria

CINEMA STUDIES

This course provides an introduction to the art, history, and theory of the cinema. Students will learn the grammar and structure of film while studying important genres and historic movements from the international cinema.

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

COMMUNICATIONS/PUBLIC SPEAKING

This course is for the student who wishes to explore 21st century communications, including multi-media presentations and speech delivery. Students gain confidence and skill through organizing, preparing and delivering various presentations for school and business world settings.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

***CREATIVE WRITING**

This course is for the student who loves to write. Course emphasis will be on creative and original writings including short stories, poems, and drama. A major class project will be the production of a student literary magazine. This course is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: Placement Criteria

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***CREATIVE WRITING 2**

This semester long course explores different genres of writing, through both reading and writing, as well as the other necessary elements needed to improve writing and composition skills. The course combines lecture, discussion, and workshop, leading to the production of marketable quality creative fiction and nonfiction. This course is designed with the goal of inspiring students to develop original pieces and ideas.

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Creative Writing 1

JOURNALISM

This course covers the fundamentals of journalistic writing and desktop publishing. Emphasis is placed on interviewing, various styles of writing, publication design, and press law. This course culminates in the publication of one issue of the school newspaper.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

NEWSPAPER

This is a publication class for students working on the newspaper staff as editors, reporters, and photographers. Training on computers will acquaint students with desktop publishing technology.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Journalism or Placement Criteria

YEARBOOK

This is a publication class for students on the yearbook staff. The staff reports, writes, and edits written material, coordinates all photos, designs and executes all page layouts. The staff is also responsible for the annual publication of the school yearbook.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

MATHEMATICS

***ALGEBRA 1-2 #**

This course includes formal mathematical concepts such as polynomial operations, linear equations, and the quadratic equation, as well as the study of statistics and geometry from an algebraic perspective. Emphasis is placed on studying algebra in context through problem solving and real-life applications.

GRADE: 9-10
CREDIT: 1

LENGTH: Year

***ALGEBRA 1-2 H**

This course provides a more rigorous approach to the topics covered in Algebra 1-2. Students should be proficient in operations with rational numbers, properties of equality, and single transformation equations. Students who have received credit in Algebra 1-2 in 7th or 8th grade do not qualify for this course.

GRADE: 9
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement test or Placement Criteria

***GEOMETRY 1-2 #**

This course deals with plane and solid geometry as well as transformational geometry and their applications. Geometry will be studied from an algebraic and non-algebraic perspective, including strategies on geometric proofs.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Algebra 1-2

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***GEOMETRY 1-2 H**

This course involves a more rigorous analysis of the topics covered in geometry and includes the study of non-Euclidean geometries. Emphasis will be placed on developing deductive clarity and innovation.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Algebra 1-2 H or Placement Criteria

***ALGEBRA APPLICATIONS #**

This course includes the study of sequences and series, functions and their inverses, complex numbers and radical, quadratic, rational and exponential functions. Students should be proficient with linear equations and prepared to study math in context. NOTE: Algebra Applications does not fulfill university admission requirement.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Geometry

***ALGEBRA 3-4**

This course includes the study of algebraic expressions, functions and relations, systems of equations and inequalities including compound inequalities, exponential and logarithmic equations, polynomial, rational, radical and exponential functions as well as the graphs of absolute value and piece-wise functions. Success in this course will prepare students for entry into Precalculus, college algebra, college math, trigonometry, or probability and statistics.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Algebra 1-2 and Geometry

***ALGEBRA 3-4 H**

This course involves a more rigorous analysis of the topics covered in Algebra 3-4 and includes a study of trigonometry, matrices, and solutions to higher-order relations.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Algebra 1-2 H and Geometry H or Placement Criteria

***FINANCIAL MATH**

This course includes the study of the complex financial world students will encounter in their lives including taxes, bankruptcy, investing, hedge funds as well as personal financial topics like loans, (car, college, home and pay day loans), insurance, credit card purchases, loan refinancing, financial software, budgeting, and retirement planning. This class is a project based course.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Algebra Applications or Algebra 3-4

***PROBABILITY AND STATISTICS #**

This course is designed to develop a greater understanding and appreciation for and skill in applying statistical techniques in the decision-making process. Topics include: descriptive statistics, probability, and statistical inference. Practical examples based on real data are used throughout the course. Students will plan and conduct experiments or surveys and analyze the resulting data.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Algebra 3-4 or Algebra Applications

COLLEGE MATH #

This course includes the study of topics traditionally not included in algebra based courses. Topics include set theory, logic, counting methods, probability, statistics, and personal financial management. This course is aligned to MAT 142 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Algebra 3-4 or Algebra Applications

***COLLEGE ALGEBRA**

This course includes the study of direct, inverse, joint, and indirect variation, linear regression, functions and relations, systems of both linear and non-linear equations, conics, matrices, logarithmic functions, exponential growth and decay, radical and rational expressions and equations, domain, range, and polynomial expressions, equations and graphs. This course is aligned to MAT 151 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Algebra 3-4

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***TRIGONOMETRY**

This course includes the study of right triangle trigonometry, graphs, the law of sines and cosines, unit circle, trigonometric functions and their graphs, inverse trigonometric functions and their graphs, and trigonometric forms of complex numbers. This course is aligned to MAT 182 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Algebra 3-4

PRECALCULUS H

This course is designed to develop an abstract understanding of a variety of mathematical topics including trigonometry, limiting processes, logarithms, vectors and matrices. This course is aligned to MAT 152/182 at the community college and may be offered for dual enrollment credit as MAT 187 or MAT 152/182. Community college tuition applies.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

STATISTICS

This course includes basic concepts and applications of statistics, including data description, estimation and hypothesis tests.

GRADE: 11-12
CREDIT: 1

LENGTH: Semester
PREREQUISITE: Placement Criteria

STATISTICAL REASONING IN SPORT

This course will introduce students to statistical reasoning in the context of sports. Statistical concepts such as exploratory data analysis, hypothesis testing, experimental design and probability will be developed to answer interesting sports related questions. Students analyze data, perform simulations, and draw conclusions to develop an understanding of statistics.

GRADE: 11-12
CREDIT: 1

LENGTH: Semester
PREREQUISITE: None

AP STATISTICS

This is a standard college Probability and Statistics course. Enrolled students are expected to take the AP exam.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

AP CALCULUS AB

This is a standard college Calculus course. Enrolled students are expected to take the AP exam. Differentiation and integration involving polynomial, exponential, logarithmic, and trigonometric functions with practical applications will be a major part of the course content. This course is aligned to MAT 221 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

***AP CALCULUS BC**

This is the second year of the standard college Calculus course. Enrolled students are expected to take the AP exam and may receive both AB and BC credit. This course is aligned to MAT231 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ELECTIVES (Not for Mathematics Credit)

MATH LAB

This math lab is reserved for students requiring additional intervention in math. The focus will be to reinforce and practice skills. This course provides support for students in meeting proficiency levels in state math standards.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

PHYSICAL EDUCATION

One of the following three PE classes must be taken in combination with Health to meet the Graduation Requirement. The three courses are non-elective courses.

EITHER

RACQUET/ INDIVIDUAL SPORTS (Coed)

This is a fitness concept based class that includes activities such as badminton, racquetball, tennis and individual sports.

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

OR

*FITNESS CENTER (Coed)

This is a fitness concept based class that focuses on cardiovascular exercises such as aerobic dance, treadmills, stationary bikes, Stairmaster, line dancing, plyometric conditioning, running, and speed walking.

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

OR

TEAM SPORTS (Coed)

This is a fitness concept based class that includes activities such as basketball, volleyball, soccer, field hockey, ultimate Frisbee, and Speedaway.

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

*HEALTH (Coed)

Health will provide students with the skills and knowledge to make personal health decisions and maintain a healthy environment.

Meets the health portion of the graduation requirement. Required with a physical education core class. CPR instruction provided in this course.

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

GENERAL PHYSICAL EDUCATION

This course develops the whole individual; physically, intellectually, emotionally and socially. As students progress, they encounter concepts and information across a spectrum of sports and activities. They are challenged to not only internalize this knowledge, but to competently apply it, using effective communication modes and through performance of various strategies, tactics, skills and techniques. Students will have the opportunity to participate in various activities, such as Basketball, Tennis, Volleyball, Racquetball, Flag Football, Badminton, Soccer, Softball, Lacrosse, etc.

GRADE: 9-10
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

LIMITED PHYSICAL EDUCATION (Coed)

This class is for those students unable to take Physical Education due to health problems. This course meets the physical education portion of the graduation requirement. Core class.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: Physician or School Nurse Approval

ELECTIVES (Not for Physical Education Credit)

ADVANCED PHYSICAL EDUCATION (Coed)

Students have the opportunity to expand on concepts of core classes while participating in individual and team sports such as racquetball, basketball, volleyball, tennis and softball.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: PE Core class

SYSTEMATICS 1-2 (Coed)

This course emphasizes weight training using fixed and free weights. Students will study the muscular system and participate in aerobic activities for endurance.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: None

SYSTEMATICS 3-4 (Coed)

This course emphasizes weight training using fixed and free weights. Students will study the muscular system and participate in aerobic activities for endurance. Each student will learn how to plan an individual conditioning program.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Systematics 1-2

SYSTEMATICS 5-6 (Coed)

This course is for those students interested in serious weight training for bodybuilding, athletics, or competitive lifting. Each student will develop and carry out an individualized conditioning program.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Systematics 3-4

POWER TRAINING (Coed)

This is a strength and conditioning class that will focus on training principles and nutritional strategies designed to enhance student performance and health. The course involves cardiovascular training, agility training, plyometric conditioning, speed development, hand eye coordination, flexibility and resistance training.

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: Systematics 1-2

***ADVANCED FITNESS CENTER (Coed)**

This course will include an intense program in physical fitness through warm-up, cardiovascular, and cool-down activities. This class will also include strengthening and toning activities. Students will also learn about muscles, nutrition, and weight control.

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: PE Core class

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

LIFETIME SPORTS (Coed)

This course builds on fitness concepts in activities which will include croquet, speed walking, golf, Frisbee, and table tennis.

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: PE Core class

SPORTS AND PERFORMANCE EXPLORATION (MRHS)

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.

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: Physical Education

SCIENCE

In Arizona, students are required to take 3 credits of high school science to meet graduation requirements, but there is no mandatory course sequence across the state. Because of this, the high school standards are written at two levels: essential and plus. All high school essential standards should be learned by every high school student regardless of the 3-credit course sequence they take. The full set of high school essential standards should be taught over that 3-year period. Essential High School Science Standards are designed to provide opportunities for students to develop understanding of all 14 core ideas across three credits of high school science. In Deer Valley, each course offered covers a specific set of essential standards. Three-year course pathways have been established that ensure students receive instruction in the all of the essential standards. All freshman will be enrolled in either Biology or Biology Honors. When enrolling for Science for the sophomore year, students will make selections that will allow them to take their desired Junior level

**High School Science Course Sequence
for Class Year 2023 and later**

9th	10th		11th
Biology or Honors Biology	Environmental Science		Chemistry, Honors Chemistry, CHEM 130 Physics/Honors Physics AP Physics/PHY 101 Anatomy/BIO 160 BIO 100 Forensics Marine Biology
	Earth Science or Honors Earth Science		Chemistry, Honors Chemistry, CHEM 130 Physics/Honors Physics AP Physics/PHY 101 AP Environmental Science/BIO 105 Forensics Marine Biology Anatomy/BIO 160
	Chemistry or Honors Chemistry or Chem 130 (DVHS)		Environmental Science Earth Science or Honors Earth Science
9th	10th	1 Semester Module	11th
Honors Biology	Honors Chemistry	H Earth Science	AP Chemistry AP Biology AP Environmental Science/BIO 105 CHEM 151/152 Honors Physics/AP Physics/PHY 101 BIO 100 BIO 145/Marine Biology BIO 160 IB Biology IB Chemistry Forensics Anatomy Environmental Science

course.

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***BIOLOGY**

This lab course concentrates on the study of living organisms. Labs are designed to investigate objectives presented in class. This course meets the requirement for graduation of one Lab Science being Biology. This course covers the following Arizona essential standards: HS.P1U1.2, HS.P1U1.3, HS.P4U1.8, HS.P4U3.9, HS.E1U3.14, HS.L2U3.18, HS.L2U1.19, HS.L1U1.20, HS.L2U1.21, HS.L1U1.22, HS.L1U3.23, HS.L3U1.24, HS.L3U1.25, HS.L3U3.26, HS.L4U1.27, HS.L4U1.28

GRADE: 9-12 LENGTH: Year

CREDIT: 1

BIOLOGY H

This lab course will cover in-depth topics such as cell structure, genetics and ecology. Labs are designed to improve student skills and research projects are required. This course meets the requirement for graduation of one Lab Science being Biology. This course covers the following Arizona essential standards: HS.P1U1.2, HS.P1U1.3, HS.P4U1.8, HS.P4U3.9, HS.E1U3.14, HS.E2U1.17, HS.L2U3.18, HS.L2U1.19, HS.L1U1.20, HS.L2U1.21, HS.L1U1.22, HS.L1U3.23, HS.L3U1.24, HS.L3U1.25, HS.L3U3.26, HS.L4U1.27, HS.L4U1.28

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Placement Criteria

***EARTH SCIENCE**

This laboratory class is designed to introduce students to the foundations of Earth Sciences. Students will study erosion, plate tectonics, meteorology, astronomy, and the geologic time scale. This course covers the following Arizona essential standards: HS.P1U1.1, HS.P1U3.4, HS.P2U1.5, HS.P3U1.6, HS.P3U2.7, HS.P4U3.9, HS.P4U1.10, HS.E1U1.11, HS.E1U1.12, HS.E1U1.13, HS.E2U1.15, HS.E2U1.16, HS.E2U1.17

GRADE: 10-12

LENGTH: Year

CREDIT: 1

EARTH SCIENCE H

This laboratory class analyzes and describes Earth's interconnected systems and how they are changing due to natural processes and human influence. Topics covered include rocks, minerals, sculpting of Earth's surface, plate tectonics, earthquakes, volcanoes, geologic history, the atmosphere, weather, climate, the solar system, stars, and galaxies. This course covers the following Arizona essential standards: HS.P2U1.5, HS.P3U1.6, HS.P3U2.7, HS.P4U3.9, HS.P4U1.10, HS.E1U1.11, HS.E1U1.12, HS.E1U1.13, HS.E2U1.15, HS.E2U1.16, HS.E2U1.17

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Passed Biology or Biology H

EARTH SCIENCE H (accelerated online courses)

This online laboratory class analyzes and describes Earth's interconnected systems and how they are changing due to natural processes and human influence. This course is designed to assist students who wish to take an AP or Dual enrollment course in their Junior year meet the essential standards for Earth and Space Science. This course meets AZ Essential Standards: 5-7 and 10-17.

This course covers the following Arizona essential standards: HS.P2U1.5, HS.P3U1.6, HS.P3U2.7, HS.P4U3.9, HS.P4U1.10, HS.E1U1.11, HS.E1U1.12, HS.E1U1.13, HS.E2U1.15, HS.E2U1.16, HS.E2U1.17

GRADE: 9-11

LENGTH: Semester

CREDIT: 1

PREREQUISITE: None

***MEDICAL SCIENCE (May not meet university admission requirements.)**

This lab science is an introductory course that deals with the basics of the structure and function of major human body systems with an overview of associated careers.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology

***CHEMISTRY**

This lab class will study the composition of materials. Areas covered include the basic structure of atoms, how atoms combine to produce molecules, and how symbols and formulas are used to write chemical equations. This course covers the following Arizona

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

essential standards: HS.P1U1.1, HS.P1U1.2, HS.P1U1.3, HS.P1U3.4, HS.P2U1.5, HS.P3U1.6, HS.P4U1.8, HS.P4U3.9, HS.P4U1.10, HS.E2U1.15, HS.E2U1.17

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology and Algebra 1-2

***CHEMISTRY H**

This advanced level lab course includes more detailed study of concepts and a heavier emphasis on mathematics. It concentrates on the theoretical explanation of materials. This course is aligned to CHM 130 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies. This course covers the following Arizona essential standards: HS.P1U1.1, HS.P1U1.2, HS.P1U1.3, HS.P1U3.4, HS.P2U1.5, HS.P3U1.6, HS.P4U1.8, HS.P4U3.9, HS.P4U1.10, HS.E2U1.15, HS.E2U1.17

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Passed Biology or Biology H and Algebra 1-2 or Algebra 1-2 H

MARINE BIOLOGY

Marine Biology is a survey of marine environments and their biotic communities with an emphasis on the natural history of marine organisms. This is a lab science that will focus on inquiry and problem-solving through the lens of marine interactions. This course covers the following Arizona essential standards: HS.P3U2.7, HS.P4U1.10, HS.E1U3.14, HS.L2U3.18, HS.L2U1.19, HS.L1U1.20, HS.L1U1.22, HS.L3U1.24, HS.L3U1.25, HS.L3U3.26, HS.L4U1.27, HS.L4U1.28

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology plus one other high school lab science

PHYSICS

This course is a laboratory oriented scientific investigation of mechanics, heat, optics, sound, light, electromagnetism, nuclear energy, and atomic structure. This course covers the following Arizona essential standards: HS.P2U1.5, HS.P3U1.6, HS.P3U2.7, HS.P4U1.8, HS.P4U3.9, HS.E2U1.16

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: 2 years of high school science and have taken or are currently enrolled in Algebra 3

PHYSICS H

This course is a lab science that an integration of the conceptual approach and mathematical bases presentation of Newtonian Mechanics, Fluid Mechanics, Thermodynamics, Oscillatory Motion, Sound, Electricity and Light Energy. The emphasis is on implementation of problem solving skill, lab skills and understanding. This course is aligned to PHY 101 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Passed 2 years of high school science and have taken or are currently enrolled in Algebra 3-4

ANATOMY/PHYSIOLOGY

This is a lab oriented course that deals with the structure and function of the major human body systems. This course is aligned to BIO 160 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies. This course covers the following Arizona essential standards: HS.P1U1.3, HS.P1U3.4, HS.P4U1.8, HS.L1U1.20, HS.L2U1.21, HS.L1U1.22, HS.L1U3.23, HS.L3U1.24, HS.L3U1.25, HS.L3U3.26, HS.L4U1.28

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology plus one other high school lab science

ASTRONOMY 1-2

This upper level lab course introduces students to Earth-Moon-sun dynamics, origin and structure of the Solar System focusing on planets, dwarf planets, and lesser celestial bodies. In addition, students will be introduced to topics in stellar evolution, galaxies, the Big Bang theory, and the history of human space exploration.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Algebra 3-4 and two years high school lab science

ENVIRONMENTAL SCIENCE

This is an applied lab science based on experimentation and observation. Students are expected to solve environmental problems that relate to resource depletion, pollution and extinction. This science takes a global perspective focusing on both developed and

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

developing countries. This course is aligned to BIO 105 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies. This course covers the following Arizona essential standards: HS.P1U1.1, HS.P1U3.4, HS.P2U1.5, HS.P3U1.6, HS.P3U2.7, HS.P4U1.10, HS.E1U1.11, HS.E1U1.12, HS.E1U1.13, HS.E1U3.14, HS.E2U1.15, HS.E2U1.16, HS.E2U1.17, HS.L2U1.19, HS.L3U3.26, HS.L4U1.27

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology plus one other high school lab science

FORENSIC SCIENCE

This lab course concentrates on the application of science to civil and criminal laws that are enforced by law enforcement agencies in a criminal justice system. Labs are designed to collect and analyze evidence. Some material presented in this class is of a sensitive nature and may be difficult for some individuals. Student discretion is advised. This course covers the following Arizona essential standards: HS.P1U1.3, HS.P1U3.4, HS.P3U1.6, HS.P3U2.7, HS.P4U1.10, HS.L3U1.24

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology plus one other high school lab science

AP BIOLOGY

This is a lab oriented course for students who have demonstrated achievement in biology and chemistry and desire to do college-level work. Enrolled students are expected to take the AP exam. This course is aligned to BIO 101 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies. This course covers the following Arizona essential standards: HS.P1U1.1, HS.P1U1.2, HS.P1U1.3, HS.P4U1.8, HS.P4U1.10, HS.E1U1.13, HS.E1U3.14, HS.L2U1.19, HS.L1U1.20, HS.L2U1.21, HS.L1U1.22, HS.L1U3.23, HS.L3U1.24, HS.L3U1.25, HS.L3U3.26, HS.L4U1.27, HS.L4U1.28

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Passed Biology or Biology H

RECOMMENDED: Chemistry or Chemistry H

AP CHEMISTRY

This lab course is for students who wish to pursue a college level chemistry course. This course follows the Advanced Placement Chemistry Program. The lab work includes exercises in both qualitative and quantitative analysis. Enrolled students are expected to take the AP exam. This course is aligned to CHM 151/152 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies. This course covers the following Arizona essential standards: HS.P1U1.1, HS.P1U1.2, HS.P1U1.3, HS.P1U3.4, HS.P4U1.8, HS.P4U1.10

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Passed Chemistry, Chemistry H and have taken or are concurrently enrolled in Algebra 3-4 or Algebra 3-4 H

AP ENVIRONMENTAL SCIENCE

This is a lab-oriented course for students who have demonstrated achievement in their two previous years of science and desire to do college level work. Enrolled students are expected to take the AP exam. This course is aligned to BIO 105 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies. This course covers the following Arizona essential standards: HS.P1U1.2, HS.P1U1.3, HS.P1U3.4, HS.P3U1.6, HS.P4U1.8, HS.P4U3.9, HS.E1U1.11, HS.E1U3.14, HS.L2U3.18, HS.L2U1.19, HS.L3U1.25

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Passed Biology or Biology H plus one other high school lab science

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical

AP PHYSICS I

This course is a laboratory oriented scientific investigations course that focuses on inquiry-based instruction and in-depth exploration of the following topics: Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Enrolled students are expected to take the AP exam. This course is aligned to PHY 101 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies. This course covers the following Arizona essential standards: HS.P2U1.5, HS.P3U1.6, HS.P3U2.7, HS.P4U1.8, HS.P4U3.9, HS.P4U1.10

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Enrollment in Algebra 3-4

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

AP PHYSICS II

This course is a laboratory oriented scientific investigations course that focuses on inquiry-based instruction and in-depth exploration of the following topics: fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Enrolled students are expected to take the AP exam. This course is aligned to PHY 111/112.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Passed Algebra 3-4 or Algebra 3-4 H and AP Physics I

SPORTS MEDICINE/ATHLETIC TRAINING (Does not count as a lab science.)

This class introduces the field of sports medicines, physical therapy, and athletic training. Human Anatomy and treatment for common athletic injuries are covered in this class.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: One year science

SOCIAL STUDIES

*WORLD HISTORY

This course covers Arizona State Standards in World History and introduces students to history and geography and their relationship to economic, political, physical, social, and cultural aspects of early civilization to modern eras. This course is required for graduation. This course is available for dual enrollment credit at some sites.

GRADE: 10
CREDIT: 1

LENGTH: Year

*WORLD HISTORY H

This course covers Arizona State Standards in World History and introduces students to history and geography and their relationship to economic, political, physical, social, and cultural aspects of early civilization to modern eras. Students may be required to complete an outside research project each quarter.

GRADE: 10 (9th grade IB only)
CREDIT: 1

LENGTH: Year
PREREQUISITE: Language Arts Placement Criteria

AP WORLD HISTORY

This course is designed to develop a greater understanding of patterns and themes in world history. The time periods this course will cover are 8000 BCE to the present. Within each time period several themes will be explored including trade, war, social structures, technology, cultural development and political organizations. Major turning points in world history will also be explored. Enrolled students are expected to take the AP exam. . (NOTE: This course may also be taken for elective credit.)

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

*UNITED STATES HISTORY

This course will cover American/Arizona history of North American prehistoric cultures through the 21st century. This course is required for graduation. This course is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11
CREDIT: 1

LENGTH: Year

AP UNITED STATES HISTORY

This course prepares students to take the Advanced Placement Examination. This course includes analysis of major events in United States and Arizona history from the colonial period to the present. Class requirements may include summer readings and projects. Enrolled students are expected to take the AP exam.

GRADE: 11
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***GOVERNMENT**

Students will learn how our federal government functions and how it compares with other governments. National and state political parties and elections will be studied, along with our state government and state history. Eight to ten hours of community service will be required. This course meets Arizona State Standards and the graduation requirement. This course is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 12
CREDIT: .5

LENGTH: Semester

***FREE ENTERPRISE (Deer Valley Online Learning Program only)**

This course will give the student an appreciation of the world of business, finance and economics. Topics include how to start and manage a business, how to invest and prepare for the financial future, how the economy works, taxes and career exploration. This course meets the Economics graduation requirement.

GRADE: 12
CREDIT: .5

LENGTH: Semester

***ECONOMICS**

Course content will focus on a comparison of major world economic systems, the American economic system and institutions and personal finances. This course is required for graduation.

GRADE: 12
CREDIT: .5

LENGTH: Semester

AP UNITED STATES GOVERNMENT AND POLITICS

This course meets the graduation requirement. It will prepare students to take the Advanced Placement Exams. Enrolled students are expected to take the AP exam. The course provides the students with an overview and analysis of the principles and practices of the American political and governmental systems. Class requirements may include summer reading, projects and 8 hours of community service. This course is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Placement Criteria

AP MICRO-ECONOMICS

The course is designed to help students develop critical thinking through the understanding, application, and analysis of fundamental economic concepts. Students will be expected to apply quantitative and mathematical skills to economics as well as apply economic logic to a wide variety of real-world and hypothetical situations. Enrolled students are expected to take the AP exam.

GRADE: 12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Placement Criteria

AP MACRO-ECONOMICS

The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. (NOTE: This course may also be taken for elective credit.)

GRADE: 12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Placement Criteria

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ELECTIVES (Not for Social Studies Credit)

US 1 H (SOHS ACADEMY)

This course focuses on the native civilizations, colonization, and the founding documents, words, and people of the American Revolution ending with the Early Nation period.

GRADE: 9
CREDIT: 1

LENGTH: Year

US 2 H (SOHS ACADEMY)

This course focuses on the early American republic, the antebellum period, territorial expansion, and the development of the American West.

GRADE: 10
CREDIT: 1

LENGTH: Year
PREREQUISITE: US1 H

US 3 H (SOHS ACADEMY)

See: **AP UNITED STATES HISTORY (SOHS ACADEMY)**

US 4 H (SOHS ACADEMY)

In this course students will match their personal interests to a community sponsor to complete community service and research.

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: US 2 H/AP US History

INTRODUCTION TO CRIMINAL JUSTICE AND CONSTITUTIONAL LAW

This course is an introduction to crime and society's responses to it. Students will examine the nature and causes of crime, the criminal law, constitutional safeguards, and the organization and operation of the criminal justice system including the police, courts, jails, prisons. Topics include statutory law and judicial decisions governing the areas of arrest, search and seizure, interrogations and confessions, self-incrimination and other constitutional guarantees.

*LAW IN SOCIETY

This course studies the American legal system and the problems and issues it encounters. Topics include criminal law, civil law, juvenile law, family law, consumer law, and environmental law and mock trials.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester

*SOCIOLOGY

This course is for students who are interested in studying problems and issues in today's society. Subject matter will explore family, race relations, crime, religion, sex roles, dating, law, death, and other human interactions. The course requires reading and special projects. This course is available for dual enrollment credit at some sites.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester

*PSYCHOLOGY

Students will explore such topics as human growth and development, the development of personality and intelligence, principles of learning, frustration and conflict, and personality disturbances and their treatment. This course is available for dual enrollment credit at some sites.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

MODERN AMERICAN HISTORY

The course will examine the major social, political and economic events of the 1960's–today. Emphasis will be placed on the Civil Rights Movement, the J.F.K. Assassination, the Vietnam War, the Watergate Scandals and the Counter Culture Movement, and Terrorism.

GRADE: 11-12

LENGTH: Semester

CREDIT: .5

AP EUROPEAN HISTORY

Students in this course are expected to demonstrate knowledge of basic chronology and major events and trends from the High Renaissance of approximately 1450 to the present. The broad themes of intellectual-cultural, political-diplomatic, and socioeconomic history form the basis of the course within that chronology.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: AP or Honors World

AP COMPARATIVE GOVERNMENT AND POLITICS

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course should cover specific countries and their governments.

GRADE: 12

LENGTH: Year

CREDIT: 1

PREREQUISITE: AP Govt

AP PSYCHOLOGY

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. Enrolled students are expected to take the AP exam.

GRADE: 11-12

LENGTH: Year

: 1

PREREQUISITE: Placement Criteria

ANTHROPOLOGY

This course surveys and explains the cultural, linguistic and biological legacy of humankind, from antiquity to the present, using the research tools of anthropology. It presents students with a grounding in the four major subfields: archaeology, biological anthropology, cultural anthropology, and linguistics. Special topics include ancient civilizations, forensics, osteology, primatology, art history, and magic.

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

AP HUMAN GEOGRAPHY

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. Enrolled students are expected to take the AP exam.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

WORLD LANGUAGES

MANDARIN CHINESE 1-2

This course is an introduction to the Mandarin Chinese language and culture. Students learn vocabulary and basic language structures through conversation and written expression.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

MANDARIN CHINESE 3-4

This course expands and refines vocabulary, language structure, and knowledge of Chinese cultures. Students should expect to communicate in conversation and written expression.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Mandarin Chinese 1-2

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

MANDARIN CHINESE 5-6 H

This course provides students with daily opportunities to develop all language skills (listening, speaking, writing, reading, and comprehension) in a rigorous, immersion-based learning environment. The students participate in a wide range of activities, all designed to cultivate deep learning and acquisition of Mandarin Chinese. All materials used are designed to provide a seamless transition to the AP Mandarin Chinese Language course the following year.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Mandarin Chinese 3-4 or Placement Criteria

AP CHINESE LANGUAGE AND CULTURE

Communication will be emphasized through compositions, oral presentations, and discussions of current topics, literature, history and culture. Second semester will concentrate on preparing for the Advanced Placement Exam. Enrolled students are expected to take the AP Exam.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Mandarin Chinese 5-6 or Placement Criteria

MANDARIN IMMERSION ADVANCED (BCHS)

This course is designed to expand students' cultural understandings and language skills at the Intermediate Mid to Advanced levels. Students will learn about the world while communicating in Mandarin Chinese. This course is a pre-AP course to AP Mandarin.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

MANDARIN IMMERSION FOUNDATIONS H (BCHS)

This is an 8th grade course building for students' cultural understandings and communication skills in Mandarin Chinese. Students in 8th grade Mandarin Immersion must receive an A or B in the course to receive high school credit for this course.

GRADE: 9-12

LENGTH: Year

CREDIT: 2

MANDARIN IMMERSION INTERMEDIATE (BCHS)

This is an 8th grade course where students can obtain by demonstrating an Intermediate-Mid proficiency level or higher in listening, speaking, reading and writing on a district approved proficiency assessment. This is for "Pass" only.

GRADE: 9-12

length: Year

: 2

MANDARIN 1-2 H (BCHS, BGHS)

This advanced level course emphasizes the language and culture utilizing techniques from AP curriculum. Students will engage in rigorous academic activities involving conversation and written expression as preparation for the mandarin 3-4 and 5-6 Honors.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

MANDARIN CAPSTONE 1 H

This course is designed for students who have successfully completed AP Chinese Language and Culture curriculum. Students will continue to immerse in Mandarin language, develop skills in Mandarin and increase cultural awareness through language projects developed to match student interest and current events. If students desire to take the AP test again, there will be preparation for this test.

GRADE: 9-12

LENGTH: Year

CREDIT: 2

***SPANISH 1-2**

This course is an introduction to the Spanish language and culture. Students learn vocabulary and basic language structures through conversation and written expression.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

SPANISH 1-2 H

This advanced level course emphasizes the language and culture utilizing techniques from the AP curriculum. Students will engage in rigorous academic activities involving conversation and written expression as preparation for the 3-4 and 5-6 Honors, as well as the AP Spanish program in the 10th through 12th grades. Class requires summer reading.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

***SPANISH 3-4**

This course expands and refines vocabulary, language structure, and knowledge of Spanish cultures. Students should expect to communicate in conversation and written expression.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Spanish 1-2

SPANISH 3-4 H

This advanced level course expands and refines the Spanish language and culture utilizing techniques from the AP curriculum. Students will engage in rigorous academic activities involving conversation and written expression as preparation for the 5-6 Honors and AP Spanish program in the 11th and 12th grades. Class requires summer reading.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: SPA 1-2 H or placement criteria

SPANISH 5-6 H

This course provides students with daily opportunities to develop all language skills (listening, speaking, writing, reading, and comprehension) in a rigorous, immersion-based learning environment. The students participate in a wide range of activities, all designed to cultivate deep learning and acquisition of Spanish. All materials used are designed to provide a seamless transition to the AP Spanish Language course the following year.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Spanish 3-4 H or Placement Criteria

SPANISH 7-8 H

This course provides students with daily opportunities to develop all language skills in a rigorous, immersion-based learning environment. Communication will be emphasized through compositions, oral presentations, and discussions of current topics, literature, history, and culture.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Spanish 5-6H or Placement Criteria

SPANISH FOR SPANISH SPEAKERS 1-2

This course is designed for bilingual Spanish-speaking students, focusing on the development of interpretive reading, presentational writing and presentational speaking skills as outline in the Arizona World and native Languages Standards.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

SPANISH FOR SPANISH SPEAKERS 3-4 H

This course is designed for bilingual Spanish-speaking students, focusing on the development of interpretive reading, presentational writing and presentational speaking skills as outlined in the Arizona World and Native Languages Standards.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Spanish for Spanish Speakers 1-2 or Placement Criteria

AP SPANISH LANGUAGE AND CULTURE

Communication will be emphasized through compositions, oral presentations, and discussions of current topics, literature, history, and culture. Second semester will concentrate on preparing for the Advanced Placement exam. Enrolled students are expected to take the AP exam.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Spanish 5-6H or Placement Criteria

AP SPANISH LITERATURE AND CULTURE

This course builds on the skills acquired in AP Spanish Language and Culture. The course uses a thematic approach to introduce students to representative texts from several geographic regions. Students develop proficiencies across the full range of communication, thereby honing their critical reading and analytical writing skills.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Spanish 5-6 or Instructor Approval

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

FRENCH 1-2

This course is an introduction to the French language and culture. Students learn vocabulary and basic language structures through conversation and written expression.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

FRENCH 1-2 H

This advanced level course emphasizes the language and culture utilizing techniques from the AP curriculum. Students will engage in rigorous academic activities involving conversation and written expression as preparation for the 3-4 and 5-6 Honors, as well as the AP French program in the 10th through 12th grades.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

FRENCH 3-4

This course expands and refines vocabulary, language structure, and knowledge of French cultures. Students should expect to communicate in conversation and written expression.

GRADE: 10-12
CREDIT: 1

LENGTH: Year

PREREQUISITE: French 1-2 or Placement Criteria

FRENCH 3-4 H

This advanced level course emphasizes the language and culture utilizing techniques from the AP curriculum. Students will engage in rigorous academic activities involving conversation and written expression as preparation for the 5-6 Honors, as well as the AP French program in the 11th through 12th grades.

GRADE: 10-12
CREDIT: 1

LENGTH: Year

PREREQUISITE: French 1-2 or Placement Criteria

FRENCH 5-6 H

This course provides students with daily opportunities to develop all language skills (listening, speaking, writing, reading, and comprehension) in a rigorous, immersion-based learning environment. The students participate in a wide range of activities, all designed to cultivate deep learning and acquisition of French. All materials used are designed to provide a seamless transition to the AP French Language course the following year.

GRADE: 11-12
CREDIT: 1

LENGTH: Year

PREREQUISITE: French 3-4

FRENCH 7-8 H

Communication will be emphasized through compositions, oral presentations, and discussions of current topics, literature, history, and culture.

GRADE: 12
CREDIT: 1

LENGTH: Year

PREREQUISITE: French 5-6 H or Placement Criteria

AP FRENCH LANGUAGE AND CULTURE

Communication will be emphasized through compositions, oral presentations, and discussions of current topics, literature, history, and culture. This course builds on the literary works, writing and speaking emphasized in the Honors 5-6 course. Second semester will concentrate on preparing for the Advanced Placement exam. Enrolled students are expected to take the AP exam.

GRADE: 12
CREDIT: 1

LENGTH: Year

PREREQUISITE: French 5-6 or Placement Criteria

AMERICAN SIGN LANGUAGE I-2

This course is an introduction to American Sign Language (ASL) and deaf culture. Students learn basic comprehension and expression through conversation of the manual communication system.

GRADE: 9-12
CREDIT: 1

LENGTH: Year

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

AMERICAN SIGN LANGUAGE 3-4

This course expands students' skills in American Sign Language (ASL) and understanding of deaf culture. Students continue to learn comprehension and expression through conversation of the manual communication system.

GRADE: 9-12

LENGTH: YEAR

CREDIT: 1

NON-DEPARTMENTAL COURSES

STUDENT AIDES

Students may earn 1/2 credit (.5) per semester as a student aide. A maximum of one credit may be recorded on the transcripts. Duties will vary.

GRADE: 11- 12

LENGTH: Semester

CREDIT: .5

ADVANCED STUDY SKILLS

The purpose for this course is to prepare students for academic success in the high school arena. This course includes a multitude of study and organizational tools to choose from in order to be successful in classrooms across the disciplines. It is this class that will provide students with a unique array of tools to help ensure academic success.

GRADE: 9 - 12

LENGTH: Semester

CREDIT: .5

ADVISORY

Advisory is a period set aside for small groups of students to meet with their faculty advisors. During these sessions, students will receive advisement on grade level specific topics or projects.

GRADE: 9- 12

LENGTH: Year

CREDIT: none

CAREER DEVELOPMENT (TSW)

This course prepares students for the world of work. Topics will be job skills, employment success, and self-determination in the employment world.

GRADE: 12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Special Education Certified

CAREER INQUIRY (TSW)

This course prepares students for the world of work. Topics will be job seeking skills, career exploration, and on-the-job skills.

GRADE: 10

LENGTH: Year

CREDIT 1

PREREQUISITE: Special Education Certified

JUNIOR/SENIOR INTERNSHIP CLASS

This course is supervised work experience with a minimum of 5 hours per week in a paid or unpaid position. Students will meet for seat time until released to their internship sites. Students must provide their own transportation to their work sites and be 16 years of age or older.

GRADE: 11 - 12

LENGTH: Year

CREDIT: 1

PREREQUISITE: None

PREVENTING SUBSTANCE ABUSE ACROSS THE LIFESPAN

This course examines the various types of substance abuse and addresses the adverse impact of using or abusing drugs. Substance development from manufacturing through methods of delivery will be presented, as well as the biological mechanisms involved once ingested. Aspects of substance abuse will also be presented to include types of addictions and relapse prevention models used for treating abuse.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

TRANSITION EXPLORATION

This course will provide foundations for high school success. Topics will include but are not limited to: high school success strategies such as note taking, organization, study skills, time management, self-awareness, active engagement, healthy lifestyles, self-determination, career exploration and conflict resolution.

GRADE: 9 or 10
CREDIT: 1

LENGTH: Year
PREREQUISITE: Special Education Certified

TRANSITION SKILLS FIELD EXPERIENCE

This course prepares students for the work force. Students will work five (5) hours per week in on campus or community environments.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: IEP or 504 Placement

TRANSITION SKILLS

This course prepares students for the world of work. Topics will be job seeking skills, career exploration, and on-the-job skills.

GRADE: 10 - 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: IEP or 504 Placement

TRANSITION SCHOOL TO WORK CONSULT

Students will receive guided instruction focused on activities related to post-secondary transition, pre-employment skills, career exploration, and hands on experience related to an identified career field. Learning activities will be facilitated in a hybrid approach, including online learning, direct instruction from TSW staff, and small group learning. This course is designed to support students as they move through the career planning process, with the goal of obtaining employment or enrollment in post-secondary education.

GRADE: 9 - 12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

LEARNING CENTER CONTENT

This course is designed for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: IEP

LEARNING CENTER SUPPORT

This course is designed to offer supplemental support to students with disabilities who have classes in the general education environment.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: IEP

PEER-FACILITATOR

This course is for students who desire to help fellow classmates achieve success in high school. Activities include: academic tutoring, peer mediation, and participation in group activities and discussions. Students will receive a grade of pass/fail. A select team of students are trained to reach out to students who need conflict resolution, "TLC" and support. They learn to be good listeners without giving advice and how to make referrals for professional help when needed.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Interview

STUDENT GOVERNMENT

This class consists of those students who are elected to student body and class offices. Classroom activities are designed to teach leadership skills, along with student government functions. Students will be placed in this course following student body elections.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Elected to Office

ACADEMIC DECATHLON H

Students will study the ten areas of the Academic Decathlon: Literature, math, science, economics, social studies, fine arts, composition, speech, interview and super quiz. This humanities-oriented class will prepare students to compete in the Academic Decathlon. Some after-school involvement may be necessary.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

ACADEMIC LAB

This course is designed to assist students who are experiencing academic difficulties and who could benefit from study skills instruction, peer tutoring and group activities and discussion.

GRADE: 9-12

LENGTH: Semester/Year

CREDIT: .5-1

PREREQUISITE: Counselor Approval

COMPUTER TECHNOLOGY I

This course will explore emerging computer-based technology and its uses. It will help students become proficient with today's technology and model skills that will help them be better 21st century learners and citizens. Topics will include computer hardware and software, networks, use of technology in business and society, word processing, spreadsheets, databases, presentation software, security and privacy issues, and digital citizenship.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

COMPUTER TECHNOLOGY II

This course will allow students to work in a project-based environment to explore 21st century digital tools that have the power to engage and enhance communication and collaboration in college and careers. Students will work with online tools, browser functions, resource discovery systems, coding, and file transfers. Students will be introduced to HTML, XHTML, & CSS. Students will plan, design, and publish a web site.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

TECHNOLOGY FACILITATOR

This course is for students who desire to learn more about technology implementation and integration. Students will develop skills in technology trouble-shooting and training. Activities include: trouble-shooting computer issues, device inventory management, new student and staff orientation, app and web 2.0 research for classroom use, and hardware maintenance. Students will receive a pass/fail grade.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

INDEPENDENT STUDY

The purpose of an independent study course is to provide students the opportunity to study content areas not offered in the regular DVUSD curricular program. Independent study courses may not be substituted for a specific graduation requirement and courses offered in the regular curriculum may not be taken as independent study. Independent study must be pre-approved by school administration and sponsored, monitored and graded by a DVUSD staff member. A maximum of two credits may be earned through independent study. This is a pass/fail course.

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.



Deer Valley Online Learning Program

dvusd.org/online

Welcome Online Learners,

The DVUSD Online Learning Program provides online classes to students in grades 9-12. Select courses are available in grades 7-8. Enrollment is not limited to DVUSD students. The Deer Valley Online Learning Program currently offers over 100 semester courses in the areas of math, science, social studies, language arts and electives. For more information on classes, semester dates, and registration information, please refer to our Deer Valley Online Learning Program website at dvusd.org/online.

Who should take an online class?

- Students in IB courses
- Students who want to graduate early
- Students short on credits to graduate
- Students who have released time studies

Online courses provide a learning experience different than the typical classroom. Students will become familiar with our Learning Management System (LMS), the online course environment increasingly utilized by community colleges and universities. Students must have a computer with Internet connection and Microsoft Office or Open Office installed to view lessons and turn in assignments and projects.

Deer Valley Online Learning Program Credentials

Deer Valley Online Learning Program is an extension of the Deer Valley Unified School District high schools. All DVUSD high schools are fully accredited by AdvancED. The Deer Valley Online Learning Program is an NCAA approved nontraditional academic program. Course instructors meet Arizona requirements for highly qualified teachers, and are certified in the areas they teach. Each Deer Valley Online Learning Program teacher is an employee of DVUSD and has cleared appropriate hiring procedures.

Blended Fast Track

Blended Fast Track courses are 6-week courses for students who need a .5 credit quickly. Select Fast Track courses are offered online each quarter. Fast Track courses require weekly in-person labs and 20 hours a week to be successful.

Semester Dates

Students may register for Deer Valley Online Learning Program up to three (3) weeks prior to the beginning of a semester. Please refer to the Deer Valley Online Program website for exact dates.

Tuition for Fall and Spring Semesters

There is no tuition charge for students who meet all of the following criteria:

- Currently enrolled in and actively attending a DVUSD school AND
 - Taking a combined total of six or less brick and mortar AND online classes at their home school
- For students who do not meet all of the above criteria, a tuition fee of \$150 is required (subject to change). For example, a 7th class has tuition and an out of district student has tuition.

Summer Tuition

There is a \$150 fee for all students for each summer school course (subject to change).

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

Textbooks

Although most Deer Valley Online Learning Program courses have an online textbook, there are still some courses that require a traditional textbook. Students will check out the book at the home high school bookstore. Out of district students will be required to pay a deposit on each traditional textbook needed for their class. The book deposit may be refunded in part or in whole depending on the condition of the book when it is returned to the district office. No refunds will be given for lost, stolen or damaged books.

Test Out

Students should contact their home high school to inquire about testing out of a class for credit. Deer Valley Online Learning Program does not administer challenge tests for credit or placement.

Deer Valley Online Learning Program

dvusd.org/online

Audit Classes

Deer Valley Online Learning Program does not offer classes for audit (non-credit). Students should contact their home high school for information about auditing a class.

Add a Class

A student may add a class at any time during the Open Registration period by following the registration procedures stated on the website.

Credit Recovery Classes

Deer Valley Online Learning Program offers credit recovery courses for students who have previously taken a class and received a failing grade. These classes allow students to test out of objectives within the course that they can demonstrate they have mastered. Credit recovery courses are not recommended for possible NCAA athletes.

At-A Glance:
7 Days
Drop w/full refund
No grade reported
7-15 Days
No grade reported
No refund
Days or More
Withdraw NO refund
Grade reported WP/WF
After 10th Week No
withdraw request
processed

Drop a Class

A student may drop a class within 15 days of enrollment: the class is cancelled and no grade will be reported to the student's local school. Emergencies: Students who drop after the 15th day due to serious illness may be considered for drop without a grade report. This will be determined on a case by case basis.

Withdraw from a Class

Any student (regular or (H), (AP), (IB) who withdraws from a class after the first fifteen (15) days of the semester, but before the end of the tenth (10) week will receive a grade of WP (withdraw pass) or WF (withdraw fail). Requests for class withdrawals will not be processed after the tenth (10) week of the semester.

Refunds

A full refund will be given for students who drop prior to the start of class and for up to one week after the start date. No refunds will be given after the first week of school. No refunds will be given if a student is dropped from a class due to misconduct, lack of progress (see Add/Drop section), moving, or withdrawal after the first week of class.

Misconduct

A student who engages in inappropriate behavior will be dropped. A current grade percentage and behavior referral will be reported to the local school.

Lack of Progress

A student who does not maintain class activity for a period of 10 days may be dropped. Each class must be completed by the time limits set or the student will fail. A grade percentage and participation report will be forwarded to the local school.

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

Assessments

Student learning will be measured through a number of different assessment strategies. Students will be required to take tests in person at a DVUSD school site. Final exams are taken in person. In addition to online tests, performance based assessments such as reports, projects, video/audio recordings or other means of demonstrating learning may be used. To receive credit for a Deer Valley Online Learning Program course, students must pass the final exam with a 60% or better, regardless of their current cumulative course grade. Students who fail the final exam (less than 60%) will receive a failing grade, but have the option of repeating the course.

Transfer of Deer Valley Online Learning Program Credit

All DVUSD schools accept credit for Deer Valley Online Learning Program courses. Students not attending DVUSD should contact their local school to see if credits will be granted for courses taken from Deer Valley Online Learning Program. Percentage grades from Deer Valley Online Learning Program will be reported to the student's local school. After receiving a grade report from Deer Valley Online Learning Program, students should also verify with their high school counselor that the credit has been posted on his/her transcript. Students who transfer to a non-DVUSD high school, or who are seeking enrollment in a post-secondary school, should contact the registrar's office of the new school to verify how on-line course grades are recorded.

ACADEMY OF AMERICAN STUDIES PROGRAM AT SANDRA DAY O'CONNOR HIGH SCHOOL

The **Academy of American Studies** prepares students for tomorrow's challenges using in-depth lessons of U.S. history within a focused, engaging and rigorous four-year program. The students receive a well-rounded, comprehensive college-prep education as "a school within a school," on the O'Connor High School campus. This small school environment fosters a spirit of academic learning, personalized individual attention, teamwork, and community service with a drive for excellence. Both teachers and students work collaboratively on critical lessons of American history in the continental and global context. Students will gain a worldview that will help them become active citizens and leaders in a diverse democracy and rapidly growing global community.

Mission: To prepare today's students to become engaged citizens and America's future leaders utilizing the in-depth historic lessons of the past through research, rigorous academic participation, and community engagement. Students will be well prepared through this course with critical research and analysis to excel in college and career opportunities.

Curriculum and Instruction

- Special emphasis on **American History for four years** with high student expectations for both high school and college educational achievements
- US1: Freshmen focus on the native civilizations, colonization, and the founding documents, words, and people of the American Revolution ending with Jacksonian Democracy.
- US2: Sophomores cover westward expansion and slavery through the American Civil War and Reconstruction as well as later industrialization and immigration.
- US3: Juniors cover the 20th and 21st centuries. Students may take Advanced Placement US History. US4: Seniors write and present an independent project as a senior thesis (research project).
- Unique program within a school which includes the general curriculum for language arts, science, and math fulfilling all requirements for high school graduation and college entrance requirements.
- Curriculum is **supplemented and supported** by special lectures, visits to historical sites (locally and nationally), primary resources, and technology.
- Utilization of **interactive teaching strategies** includes:
 - **Personalized** attention to each student's learning and academic progress in a nurturing yet rigorous academic environment.
 - **Individual research projects** investigating topics of American History utilizing primary sources and major libraries including primary resources, personal memoirs that make history come alive.
 - Extensive development in **college-level research and analytical skills**, problem based inquiry, critical reading and writing preparing students for AIMS, SAT, ACT, and Advanced Placement exams; and the ability to apply these skills in many settings.
 - Collaborative activities that build **teamwork and individual's** love of learning and inquisitive spirit.

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

- **Technology** integration: Student electronic portfolios that showcase student work for college applications. - **Internships** in the community.

Additional Benefits

Tutoring opportunities for all classes will be held after school. Special Saturdays are set aside for college prep tests, as well as AP study sessions.

Saturday Academy for each (fall and spring) semester is offered for students desiring to learn more about special topics such as archeology, water in the Southwest, or women in colonial America.

Academic Trip Program Learning is not contained to the classroom as students are offered opportunities to travel to historic sites to further historical understanding.

Clubs/Organizations Students will have the opportunity to participate in Model UN, National History Day, and Historical Re-enactor's Club, as National Honors Society and Interact.

Requirements for Academy Certificate

- Complete four years of American history.
- Participate in required community service hours during all four years of high school.
- Meet all other Arizona Academic Standards for graduation.
- Complete additional writing and presentation classes in the Freshman Research, as well as Senior Thesis.
- Submit an electronic student portfolio for college applications.

INTERNATIONAL BACCALAUREATE PROGRAM AT BARRY GOLDWATER HIGH SCHOOL

The International Baccalaureate Program is an honors program with a comprehensive and rigorous liberal arts curriculum, leading to examinations in the junior and senior years. It is designed for the academically talented student willing to work hard in a very structured program.

Curriculum

IB students must complete a prescribed curriculum (see typical four-year plan) and take exams* in the following subjects:

Language A - native language - English

Language B - second language - Spanish or French

Individuals and Societies - History

Mathematics - Precalculus, Calculus

Experimental Sciences - Biology, Chemistry, Physics

Elective - Psychology, Foreign Language, Studio Art, Chemistry, Theatre, Social & Cultural Anthropology, Instrumental Music, Dance

*The cost for the exams is approximately \$700.00; students and their families pay the exam fees, which are non-refundable.

IB Diploma Requirements

Students enrolled in the IB Program meet state requirements for graduation by completing the IB curriculum. During the junior and senior years, students will take six IB exams; three at a Higher Level and three at a Standard Level. One exam will be taken from each of the six subject areas listed. Exams are graded from 1 point to 7 points (maximum). Students must score a total of 24 points to acquire the IB Diploma. In addition, Diploma candidates must meet three other requirements:

Complete an inter-disciplinary course called Theory of Knowledge

Prepare an Extended Essay reflecting independent research * Complete at least 150 CAS hours * extracurricular activities that can be categorized as Creative, Action, or Service.

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

9th GRADE (IB Prep)

Language Arts 1-2 H Algebra 1-2 H

Geometry H or Algebra 3-4 H
Biology H
French or Spanish 1-2
World History and Geography H
PE/Health or Elective

11th GRADE (IB) *

IB Language Arts 5-6
Algebra 3-4 H, Precalculus H, IB/AP Calculus
IB Biology or IB Physics IB Chemistry
HL
IB French or Spanish 5-6
IB History of Americas (semester 1)
IB Theory of Knowledge + (semester 2)
World History
IB Statistical Seminar (optional/non-credit)

10th GRADE (IB Prep)

Language Arts 3-4 H Geometry H

Algebra 3-4 H or Precalculus H
Chemistry or Chemistry H
French or Spanish 3-4
American History or American History AP
Elective

12th GRADE (IB) *

IB Language Arts 7-8
Precalculus, IB/AP Calculus AB, IB/AP Calculus BC
IB Biology or IB Physics IB
Chemistry HL
IB French or Spanish 7-8
IB Theory of Knowledge + (semester 1)
IB Elective IB 20th Century
IB Statistical Seminar (optional/non-credit)

*CAS (Creativity, Action, Service) and EE (Extended Essay) and IB Statistical Seminar are completed outside of the school day.
+ meets district Fine Arts requirement

IB Electives

Dance (3 years study), Studio Art (3 years study), Music (3 years study), Theatre (3 years study), Psychology (1 1/2 years study), Social and Cultural Anthropology (1 year study), Chemistry (1 year study), a second Foreign Language (4 years study).

Any further information can be found on website: bghs.dvUSD.org, or by calling the IB Coordinator Joe Stempniewski at: 623-445-3019, or email him at joe.stempniewski@dvUSD.org

IB BUSINESS & MANAGEMENT SL, BUSINESS & MANAGEMENT H (BGHS)

IB Business Management would provide accessibility to the IB Diploma Program for students on a business related track. The course provides both an additional elective for IB Diploma students and an opportunity to participate in a rigorous/higher level business course and become involved in the IB Program at the Course level for non-IB Diploma students. All enrolled students would complete the IB exam leading to possible university credit.

GRADE: 11-12 or Honors 10,11 or 12

LENGTH: Year

CREDIT: 1

PREREQUISITES: Marketing

IB LANGUAGE ARTS - ENGLISH A1 HL 5-6

IB LANGUAGE ARTS - ENGLISH A1 HL 7-8

A two-year survey of World Literature. This course will emphasize detailed literary interpretation of national and international texts and reinforce the critical thinking, speaking and writing skills of the students. The purpose is to develop an international perspective on literature and to promote global understanding. The course includes the investigation and appreciation of cultural influences upon literature.

GRADE: 11, 12

LENGTH: 2 Years

CREDIT: 2

PREREQUISITE: IB Prep coursework

IB LANGUAGE B - IB FRENCH B SL 5-6

IB LANGUAGE B - IB FRENCH B SL 7-8

Students will refine their existing language skills through the analysis of 20th century literature and creative oral and written activities.

GRADE: 11, 12

LENGTH: 2 Years

CREDIT: 2

PREREQUISITE: IB Prep coursework

IB LANGUAGE B - IB SPANISH B SL 5-6

IB LANGUAGE B - IB SPANISH B SL 7-8

Students will refine their existing language skills through the analysis of 20th century literature and creative oral and written activities.

GRADE: 11, 12

LENGTH: 2 Years

CREDIT: 2

PREREQUISITE: IB Prep coursework

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

IB HISTORY OF THE AMERICAS HL (YEAR ONE)

US History and Latin America. This course will focus on Imperialism, the Spanish American War, Progressive Era, World War I and II, Cold War, 1920s, the Great Depression, and post World War II Latin America. This course is year one of a two-year HL program which includes IB 20th Century History taken during Grade 12.

GRADE: 11 (semester 1) & 12 (semester 2)
CREDIT: 1

LENGTH: 1 Year
PREREQUISITE: IB Prep coursework

IB 20th CENTURY WORLD HISTORY HL (YEAR TWO)

Students will prepare in-depth topics 1, 3, and 5, as well as emphasize information concerning Hitler and Nazi Germany: Topic 1-Causes, Practices and Effects of War; Topic 2-The Rise and Rule of Single Party States; Topic 5-Cold War

GRADE: 12
CREDIT: 1

LENGTH: 1 Year
PREREQUISITE: IB Prep coursework/IB History of Americas

IB PSYCHOLOGY SL

This course will provide students an opportunity to acquire the critical thinking skills of explanation, analysis and synthesis. Students will acquire an understanding of the scientific study of human and animal behavior and the human mind.

GRADE: 11
CREDIT: 1

LENGTH: 1 Year
PREREQUISITE: IB Prep coursework/1 semester Psychology

IB SOCIAL AND CULTURAL ANTHROPOLOGY SL

Social and cultural anthropology is a comparative study of culture and human society. Topics of anthropological inquiry include social change, kinship, symbolism, exchange, belief systems, ethnicity and power relations. The study of anthropology fosters the development of citizens who are globally aware and ethically sensitive.

GRADE 11, 12
CREDIT: 1

LENGTH: 1 Year
PREREQUISITE: IB Registration

IB BIOLOGY HL (YEAR ONE)**IB BIOLOGY HL (YEAR TWO)**

This course will enable students to develop an understanding of the interactions among levels of organisms as functioning entities within the Biosphere. Students must take the Pre-IB Biology as well as the Pre-IB Chemistry to be eligible for the IB standard or higher level exams.

GRADE: 11, 12
CREDIT: 1-2

LENGTH: 1 or 2 Years
PREREQUISITE: IB Prep coursework/Biology H/Chemistry H

IB CHEMISTRY SL

This course will familiarize students with the principles of chemistry and methods of chemical inquiry. The students will develop the ability to analyze chemical statements critically.

GRADE: 11
CREDIT: 1

LENGTH: 1 Year
PREREQUISITE: IB Prep coursework/Chemistry (Regular or H)

IB CHEMISTRY HL

This course is taught at the college level and is offered as a two-year block. Topics covered include quantitative chemistry, atomic structure, periodicity, bonding, energetic (thermochemistry), kinetics, equilibrium, acids and bases, oxidation and reduction (electrochemistry), organic chemistry, and measurement and data processing, plus two additional topics. 180 hours of theory and 60 hours of practical minimum.

GRADE: 11, 12
CREDIT: 2

LENGTH: 2 Year
PREREQUISITE: IB Prep coursework & Chemistry H

FEES & SUPPLIES: IB/Advance Chemistry Digital Textbook, \$ 1,000 / Supplies \$ 300.00 / annual

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

IB PHYSICS HL (YEAR ONE)**IB PHYSICS HL (YEAR TWO)**

This course is a laboratory oriented scientific investigation of mechanics, energy, waves, light, optics, electricity, magnetism and nuclear physics in year one and rotational dynamics, frictional forces, applied waves (electromagnetic, optic) nuclear physics, and relativity in year two. Enrolled students may take the AP exam after year two.

GRADE: 11, 12

LENGTH: 1 Year

CREDIT: 1-2

PREREQUISITE: IB Prep coursework/Algebra 3-4 H/Precalculus H for year two/Chemistry H

IB MATH STUDIES SL (PRECALCULUS H)

This is a one year course meeting the IB Diploma requirement for Group 5 Math, and is recommended for students **not** planning to continue in a program requiring higher level math at a university. Topics of study include trigonometry, statistics, and a conceptual understanding of calculus.

GRADE: 11 or 12

LENGTH: 1 Year

CREDIT: 1

PREREQUISITE: IB Prep coursework/Precalculus H

IB MATHEMATICS SL (CALCULUS AB +)

This is the second year of a two-year sequence encompassing Precalculus H and Calculus AB, offering a more in-depth study of Math Studies topics and focusing on practical application of concepts and techniques. A portfolio consisting of two pieces of work including a mathematical investigation and mathematical modeling is required. This course is recommended for students planning to engage in university studies requiring higher level math, such as chemistry, economics, and business education.

GRADE: 11 or 12

LENGTH: 1 Year

CREDIT: 1

PREREQUISITE: IB Prep coursework/Precalculus H

IB MATHEMATICS HL (CALCULUS BC)

This course includes a study of Differential and Integral Calculus with applications, plus series and differential equations. A portfolio consisting of two pieces of work including a mathematical investigation and mathematical modeling is required. This is recommended for students expecting to include mathematics as a major component of their university studies, either in its own right or within courses such as physics, engineering and technology.

GRADE: 12

LENGTH: 1 Year

CREDIT: 1

PREREQUISITE: IB Prep coursework /Precalculus H/IB Mathematics SL (Calculus AB)

IB DANCE SL

The dance curriculum aims for a holistic approach to dance, and embraces a variety of traditions and dance cultures. Performative, creative and analytic skills are mutually developed. Students are provided with an arts and humanities orientation to dance.

GRADE: 11, 12

LENGTH: 1 or 2 Years

CREDIT: 1 or 2

PREREQUISITE: IB Registration

IB MUSIC SL

This course is a performance-oriented music analysis class. Topics of investigation will include medium, melody, harmony, meter, form, style and cultural/historical context.

GRADE: 11

LENGTH: 1 Year

CREDIT: 1

PREREQUISITE: IB Prep coursework/Instructor approval

IB STUDIO ART SL

Students will develop aesthetic, imaginative, and creative faculties. The program will include practice in the use of various media, the acquisition of techniques of art, and the ability to relate art to its historical and social content.

GRADE: 11, 12

LENGTH: 1 or 2 Years

CREDIT: 1 or 2

PREREQUISITE: IB Prep coursework/Painting/Drawing

IB THEATRE SL

This advanced level course acquaints students with the various aspects of the theatre. Students will learn all basics, from selection of a script, to the production, and performance of a full-length play. Students will focus acting and analytical studies on world theatre. Outside class time is required.

GRADE: 11

LENGTH: 1 Year

CREDIT: 1

PREREQUISITE: IB Prep coursework/Theatre 3-4

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

IB THEORY OF KNOWLEDGE (TOK)

This course required for the IB Diploma is offered for IB Diploma students only and meets the Fine Arts graduation requirement for those students. The course challenges students to critically reflect upon the diverse ways of knowing and uncover the basic means by which the world interprets itself. TOK explores the origins, validity and value of various forms of knowledge. The goal of the course is to gain an understanding of truth and knowledge in science, art, and history while uncovering relationships between all areas of study in the IB Diploma Program.

GRADE: 11 (2nd semester) & 12 (1st semester)

CREDIT: 1

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework/IB Diploma Candidate status

EXTENDED ESSAY

Diploma candidates are required to undertake original research and write an extended essay of 4,000 words. Students investigate a topic of special interest with the kind of independent research and writing skills expected at the university level.

GRADE: 12

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework **CREATIVITY**,

ACTION, SERVICE (CAS)

Fundamental part of the diploma program. Focus is on the importance of life outside the world of scholarship. The goal is to educate the whole person while students participate in service activities, sports, and other extra-curricular activities.

GRADE: 11, 12

LENGTH: Diploma - 150 hours outside school day

PREREQUISITE: IB Prep coursework

IB STATISTICAL SEMINAR

Diploma candidates are encouraged to take this after-school optional seminar in statistics. Statistical analysis and quantitative methods will include measures of central tendency, standard deviation, linear regression, χ^2 test, normal distribution, standardized and binomial distribution, the probability density function, the Poisson distribution, Bayes theorem, statistical significance, regression lines, and two-tailed t-tests. This seminar will support the studies of IB Psychology, Biology, Physics and Mathematics and will be offered annually.

GRADE 11 or 12

LENGTH: Varied

PREREQUISITE: IB Prep coursework

THE BILINGUAL IB DIPLOMA

Bilingual IB diplomas are awarded to candidates who successfully present one of the two options below:

- Two languages A1 (English and another native language) or
- Group 3 or 4 subject exams taken in a language other than English.
(Example: The candidate presents the English exam in English and the Science or Math exam in French.) Candidates interested in this option must consult with the IB coordinator at least eighteen months in advance of the exam, to ensure that IB examinations are available in the particular language requested.

The candidate choosing this option must be a highly proficient native speaker of the language and must study independently IB prescribed world literature, and complete reading, writing and speaking IB assessments.

The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

Gifted Services

Deer Valley offers a wide range of courses for students needing an academically rigorous environment in every grade level. We understand that this rigor meets the needs of many of our gifted learners, but we also know that gifted students may need a more enriching environment and additional supports for their learning needs.

Deer Valley Gifted Services works with all of our high schools to create and support programs that meet the needs of our gifted learners but that also fit into the cultures of our individual campuses. All of our high schools offer different gifted services and models to meet the needs of their learners and population, but all gifted programming models focus on our core three areas.



Gifted Students Grouped Together for Advanced Curriculum

Specific Social Emotional Supports Available

Teachers Trained in Gifted Education

For the gifted services offered at each school please visit our website

www.dvUSD.org/Page/30529



The purpose of prerequisite courses is to ensure that students have sufficient backgrounds to understand the terminology, theory, and practical applications required in a course. Students lacking prerequisites may be unable to successfully complete a course.

Four Year Plan

22 Credits Needed to Graduate

NAME:

ID#:

HOME SCHOOL:

Students graduating in 2016 must meet proficiency on all AIMS tests

Graduation Requirements

POST-SECONDARY PLAN

- Apprenticeship/Internship Military
 Career/Technical University
 Community College

4 credits of English Language Arts - 4 credits of Math
 3 credits of Lab Science, one of which must be Biology
 .5 credit of Health - .5 credit of Physical Education
 1 credit of World History - 1 credit of American/Arizona History
 .5 credit of American/Arizona Government - .5 credit of Economics *
 1 credit of Career and Technical Education (CTE) or Fine Arts
 6 credits of elective courses
 *Free Enterprise or 2 years of Marketing may be substituted for Economics

FRESHMAN YEAR – 9TH

{SEMESTER} {SEMESTER}

- | | | | |
|----|----------------|-------|--------------|
| 1. | Eng Lang Arts: | _____ | _____ |
| 2. | Math: | _____ | _____ |
| 3. | Lab Science: | _____ | _____ |
| 4. | Physical Ed. | _____ | Health _____ |
| 5. | Elective: | _____ | _____ |
| 6. | Elective: | _____ | _____ |
| | Alternates: | | |
| 1. | | _____ | _____ |

SOPHOMORE YEAR – 10TH

{SEMESTER} {SEMESTER}

- | | | | |
|----|----------------|-------|-------|
| 1. | Eng Lang Arts | _____ | _____ |
| 2. | Math: | _____ | _____ |
| 3. | Lab Science: | _____ | _____ |
| 4. | World History: | _____ | _____ |
| 5. | Elective: | _____ | _____ |
| 6. | Elective: | _____ | _____ |
| | Alternates: | | |
| 1. | | _____ | _____ |
| 2. | | _____ | _____ |

JUNIOR YEAR – 11TH

{SEMESTER} {SEMESTER}

- | | | | |
|----|---|-------|-------|
| 1. | Eng Lang Arts: | _____ | _____ |
| 2. | AM/AZ History: | _____ | _____ |
| 3. | Math: | _____ | _____ |
| 4. | Lab Science: | _____ | _____ |
| | (11 th or 12 th) | | |
| 1. | Elective: | _____ | _____ |
| 2. | Elective: | _____ | _____ |
| | Alternates: | | |
| 1. | | _____ | _____ |
| 2. | | _____ | _____ |

College Bound Students:
 PSAT/NMSQT in October
 SAT/ACT at end of Junior year

SENIOR YEAR – 12TH

{SEMESTER} {SEMESTER}

- | | | | |
|----|----------------|----------------|---------|
| 1. | Eng Lang Arts | _____ | _____ |
| 2. | Social Studies | .5 AM/AZ Govt. | .5 Econ |
| 3. | Math: | _____ | _____ |
| 4. | Elective: | _____ | _____ |
| 5. | Elective: | _____ | _____ |
| | Alternates: | | |
| 1. | | _____ | _____ |



DEER VALLEY
Unified School District

DVUSD Pathways
Night School Program

Families and Students,

DVUSD Pathways is an evening option for learning offered by the Deer Valley Unified School District to assist students who want to accelerate, flex, or recover credit. Enrollment is open for DVUSD students in the 9th – 12th grade. DVUSD Pathways offers a five course menu for fall and spring semester. An expanded menu is provided for summer school. For more information on class offerings, enrollment dates, and registration information, please refer to our website: www.dvUSD.org/pathways.

Who should take a DVUSD Pathways course?

- Students who want to graduate early
- Students who need flexibility in their schedule
- Students short on credits to graduate

DVUSD Pathways provides a concentrated curriculum presented by qualified DVUSD teachers in a shortened enrollment period in a compact class size. This allows for deeper content exploration while fostering a sense of belonging in the classroom that is building academic trust.

DVUSD Pathways Program Credentials

DVUSD Pathways is a “choice” program within the Deer Valley Unified School District high schools. All DVUSD high schools are accredited by AdvancED. Course instructors meet Arizona

requirements for highly qualified teachers, and are certified in the areas they teach.

Semester Dates

The process of registration begins with the counselor. A calendar is posted on the www.dvUSD.org/pathways website. This calendar will list the 7 week enrollment periods throughout the school year and the course offerings.

Tuition

DVUSD Pathways is tuition free.

Textbooks

Students will access the DVUSD curriculum through electronic platforms. Students are required to bring a charged iPad, iPad charger, pen, and pencil.

Withdrawal Process

Students are permitted two absences within one Pathways Fast Track session. On the third absence, students will be withdrawn from the program. Students may have the opportunity to appeal the withdrawal process.

Misconduct

As a member of a classroom community, students are expected to create a positive learning environment. Students who engage in inappropriate/disruptive behavior will be removed from the program.

Assessments

Student learning is measured through a number of different assessment strategies. Students are required to take tests in person at the DVUSD Pathways' campus locations. Final exams are taken in person.

