Deer Valley High School

Boulder Creek High School

ASPIRE
Deer Valley's Online Academy

Barry Goldwater High School

Mountain Ridge High School

Sandra Day O'Connor High School

DEER VALLEY
Unified School District

2027-28 Academic Planning Guide

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

TABLE OF CONTENTS

POLICIES AND PROCEDURES	PAGE/PAGES
Registration Requirements	5
Cohort Year	5
Students Visas	5
Graduation Requirements	5-6
ECAP – Education and Career Action Plan	6
State Achievement Testing Information	6
GED Recipients	6
Transfer of Credits	6-7
University and College Requirements and Testing	9-10
Early Graduation	10
Class Ranking	10
GPA Information	11
Credit Recovery	11
Grade Improvement	11
Course Scheduling Information	11-13

SERVICES AVAILABLE	
Counseling Services	13
English Acquisition Services	13
Homebound Services	13
Special Education Services	13
Translation Services	13

PROGRAM OPPORTUNITIES	
Academy of Civic Engagement and Advanced Studies (SOHS)	13
ACE Achieving a College Education (BGHS) (DVHS)	13
Advanced Placement Program	14
Associate of Arts Degree at DVHS, BCHS and SOHS	14
Career and Technical Education (CTE)	14
Certificate of Academic Distinction	14
Certificate of Advanced Academics	14
Certificate of Global Studies	14
Certificate of STEM Distinction (BCHS)	14
Aspire –Deer Valley's Online Academy	15
Early College – Paradise Valley Community College (BGHS)	15
Hoop of Learning	15
Honor Program	15
International Baccalaureate (BGHS)	15
Vista Peak School	15

DUAL ENROLLMENT COURSES	
Aspire Deer Valley's Online Academy	16
Barry Goldwater High School	17
Boulder Creek High School	18
Deer Valley High School	19
Mountain Ridge High School	20
Sandra Day O'Connor High School	21-22

TABLE OF CONTENTS (cont.)

COURSE OFFERINGS

Aerospace Science-Air Force JROTC (DVHS, SOHS)	22-23
Career and Technical Education	23-38
West-MEC	39
Departmental Courses and Electives	40
Arts – Visual and Performing	40-46
English Language Arts	46-51
Mathematics	52-55
Physical Education	55-57
Science	57-62
Social Studies	62-66
World Language	66-70
Non-Departmental Courses	70-73
Aspire – Deer Valley's Online Academy	74-75
Academy of Civic Engagement and Advanced Studies (SOHS)	76-77
International Baccalaureate Courses	77-86
Gifted Services	87
Four year Plan	88

Cover Design:
Student Name: Tristan Sommer
Grade: 12th
School: Mountain Ridge High School
Teacher: Adam Korman

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

DEER VALLEY
Unified School District

DISTRICT VISION STATEMENT

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

Aspire – Deer Valley's Online Academy
20402 N. 15th Avenue | Phoenix, Arizona 85027
623-445-4992
aspire@dvusd.org

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 DAY 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

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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 197 3, 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). Tony Galletti,, District Title IX Coordinator, 623-445-4914 tony.galletti@dvusd.org, Amy Titze, 504 Coordinator, amy.titze@dvusd.org.

GENERAL INFORMATION

POLICIES AND PROCEDURES

REGISTRATION REQUIREMENTS

To register at a Deer Valley USD high school, several requirements must be met. Parents/guardians will need to present the following items at registration:

- For students who will be less than 16 years old during the upcoming school year who are new to DVUSD, and registering for 9th grade for the first time, proof of promotion from the 8th grade is required in the form of a certificate, letter, or report card from an accredited school. (promotion certificate or evidence of competency in 8th grade standards) Students without promotion documentation from an accredited school will be required to pass ELA and Math Proficiency exams to enroll in 9th grade.
- Transcript or report card, current grades (if in progress), and withdrawal from previous school
- Birth certificate or certified copy
- 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.)
- For students less than 16 years old who are new to DVUSD, and registering for 9th grade for the first time, proof of promotion from 8th grade is required (promotion certificate or evidence competency in 8th grade standards)
- 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

COHORT YEAR

Upon promotion to 9th grade AND enrollment in their first state accredited high school class a student is assigned a cohort year. This year designates their anticipated graduation year, calculated as four years from their initial high school entry. For instance, students entering 9th grade in the fall of 2030 are designated as the 2034 cohort. This cohort assignment remains the same throughout the student's high school tenure.

STUDENT VISAS

F-1 Student Visa F-1 Student Visa is issued to international students wishing to pursue academic studies in the United States. A student on an F-1Visa is required to have a TOEFL paper score of at least 450 or a TOEFL IBT score of at least 60, showing proficiency in reading and speaking English, or submit an ELTiS score of at least 200. 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 considered foreign exchange students and do not pay district tuition. Participating high schools are limited to accepting two tuition-free J-1 Exchange Students. 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.

Both F-1 and J-1 international students will be enrolled as juniors and placed into US History, junior level ELA, appropriate levels of math and science, and electives. International students must be enrolled for a full year, not a partial year or semester, and must begin attendance at the school by the 20th day of the school year. International students will not be eligible to earn a DVUSD diploma nor participate in the graduation ceremonies. F-1 and J-1 international students are not required to participate in the state EL exam.

GRADUATION REQUIREMENTS

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 all of the essential standards. When enrolling for Science for the sophomore year, students will make selections that will allow them to take their desired Junior level course.

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

Graduating students must pass the required state of Arizona Civics Test with a 70% or higher. This will be denoted on the transcript as "met requirements" or "not met requirement."

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 on the MajorClarity platform by selecting "My Career Plan." MajorClarity is accessed using the DVUSD Clever Portal.

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. 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 9th and 11th grades are required to participate in state achievement testing. Although passing the state achievement tests is not a requirement for graduation, test results may be used for placement in intervention programs and/or used for grade enhancement. The assessment results also allow parents and educators to see how students are progressing in school and whether or not they are on track for postsecondary success.

GED RECIPIENTS

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

TRANSFER OF CREDITS

While the District accepts all transfer credits from accredited Arizona public schools (charter and AOI) as required by state law (15-701.01H) and from accredited schools outside of the state, the District reserves the right to evaluate the content, rigor, and assessment methods of such courses to determine their assignment as "Core" (meeting specific subject area graduation requirements) or 'Elective' credit.

To be accepted as Core credit without further validation, a transfer course must demonstrate:

- Evidence of in-person proctored assessments.
- Verification that the course was not completed in a timeframe that precludes reasonable mastery of the standards.

If a student's transfer credit is designated as Elective, the student may request a Test Out exam within 10 days of the credit evaluation. A passing score (e.g., 70% or higher) on this validation exam is required to convert the credit to Core and have the grade from the sending school posted. If the student fails the exam, the credit remains as Elective with the sending school grade posted (§15-701-01I).

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

- Transfer credits must be submitted on an official high school transcript from an accredited institution.
- 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).
- **Honors courses completed in another district must correlate with DVUSD honors courses in order for weighted credit to be awarded.**

- DVUSD does not accept transfer credits for courses featuring sectarian or denominational religious instruction. Non-sectarian academic courses that explore religion from an objective historical standpoint are subject to standard credit review. (§15-171.01)

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 recent DVUSD course exams for like courses and calculate the transfer grade with the 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.

Transfer credits of less than .5 credit with a passing grade are not transferable unless the credit can be reasonably combined with another course credit of less than .5. In the case of electives, the combined credits would be posted on the DVUSD transcript as a transfer course called "General Elective." Transfer courses with less than .5 with a failing grade will be transcribed as an "F" with no credit, and the course will not be calculated in the GPA.

Students with grades of "P" (passing) on their official transcript from the sending school can request that their grades be transcribed as letter grades instead of the "P" passing grades. The student will need to submit or have their previous school send an official school document listing the grades that correspond to the "P" grades on the official transcript. The request and documentation can be submitted to the counselor, administrator, or registrar, who will forward the document(s) to the Director of Academics and Assessment for evaluation.

TRANSCRIPTS

A high school transcript is an official record of a student's high school courses, the school year the courses were taken, grades earned, credits awarded, and grade points assigned. The transcript also includes information such as weighted and unweighted Grade Point Average (GPA), class ranking, Civics Exam status, and graduation date. **Once a course grade is posted, the course and grade will remain on the official transcript** ***See the Grading, Reporting, and Graduation Guide for more information about transcripts and grade appeals.***

Transcript Translation

If a student submits transcripts that are not in English, the school or district may attempt to translate the documents, however, if they are not able to perform the translation, the student's parents/guardians must have the transcripts translated by a certified translator. For a suggested list of document translators, go to American Translators Association website at atanet.org

Accreditation

DVUSD transcripts are accredited through Cognia/North Central Accredited Institution. High school students transferring into DVUSD must present official transcripts from an accredited institution. Credit 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 a copy of the final course assessment in order to evaluate equivalency. Final appeals may be submitted to the District.

Arizona Online Instruction/High School Course Credit

Students who take an AOI (Arizona Online Institution) course concurrently (while enrolled in a DVUSD school) that is 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 after the 20th day of the semester may be enrolled in DVUSD courses however; any courses taken may be on an audit basis for that semester.

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

Withdrawals

Any student who withdraws from a class after the first (20) days of the semester, but before the end of the tenth (10th) week, will receive a grade of WP (Withdraw Pass) or WF (WIthdraw Fail). The student will be required to attend class until the end of the term. Requests for class withdrawals will not be processed after the tenth (10th) 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 participation in AIA athletics or extracurricular activities.

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 and 3 college credits or more may be transferred. Courses earning 3-5 college credits transfer as .5 high school credits, except MAT187, MAT188, MAT221, and MAT231, which transfer as 1.0 high school credits with the college course grade posted for both semesters of the high school credit. 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 and ESA Program Students

- Parents of homeschooled students ages 6-16 are required to file a notarized Affidavit of Intent to Homeschool with the Office of the Maricopa County School Superintendent (https://schoolsup.org/homeschool) 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 a public online educational institution are not deemed homeschooled. 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 homeschooling. 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 and ESA program students may take elective courses only with a DVUSD high school or Aspire Deer Valley's Online Academy providing space is available and prerequisites have been met. All registration paperwork is required, including immunization records, proof of residence, etc. Homeschooled students must also submit a copy of the notarized Affidavit of Intent to Homeschool. Students who are recipients of the ESA (Empowerment Scholarship Account) must notify DVUSD of their ESA status and are required to pay tuition for each semester of an elective course.

- Homeschooled and ESA recipient students may participate in an after school program, such as Band or Choir, if the program is a direct extension of an elective course the student is enrolled in. If the program operates strictly as a club or extracurricular activity independent of an elective during the school day, homeschooled and ESA students are not eligible to participate.

- 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 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 the required athletic participation paperwork and fees. The student may not participate in the Empowerment Scholarship Account (ESA) Program.

- Homeschooled students may not earn a diploma from a DVUSD school.

High School Credits Earned in Middle School

Credits earned in middle school may be submitted for high school credit only when the credits appear on an official high school transcript. The course implemented must utilize the curriculum, assessments and grading criteria of the high school course. All high school courses must be given a letter grade, which will be posted on the high school 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. Advanced Placement (AP) courses do not require a Test Out exam for middle school transfer students as long as the course is posted on the student's report card (with or without AP marked) and the student has a valid AP exam score for the course.

Proficiency Exam Procedures (Math

The purpose of a proficiency exam 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 proficiency exam up to 10 school days beginning with their first day of class or prior to enrollment. If a student successfully completes the proficiency exam with a score of 80% or higher, the student will be placed in the next course in the district's math sequence. If a student attempts the proficiency exam and fails, he/she may not repeat the proficiency exam. The Algebra 1-2 Proficiency Exam places students into Geometry 1-2 and Geometry 1-2 Proficiency Exam places students into Algebra 3-4 (these are the only high school proficiency exams available in math).

Students will not receive high school credit for a proficiency 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 proficiency exam; however, the proficiency exam is not required to qualify for a Test Out.

The district does not provide study guides, textbooks, or other types of assistance for proficiency exams or Test Outs.

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 from their first day of class or prior to enrollment. After being enrolled in a course for 10 days, students are not eligible to test out unless the student has an AOI (Arizona Online Institution) credit or middle school course the student wants to transfer 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 grade earned on the test out for each semester of the course if the score is a "C" or higher. The Test Out grade will be reported on the transcript and calculated in the GPA. After the score is reported on the transcript, students may choose to take the course for grade improvement.

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 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 the 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 an NCAA D-I or D-II level school should review the 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 courses need to be approved by a counselor. Core courses offered through Aspire Deer Valley's Online Learning Academy have been approved by the NCAA. However, the NCAA does **not** approve Aspire Deer Valley's Online Academy courses designated as "credit recovery" courses. Potential NCAA athletes should not sign up for any Aspire Deer Valley's Online Academy 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 Student Acceptance of Responsibility (SAOR) paperwork. Diplomas will be awarded at the yearly commencement.

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

- 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.

LATE GRADUATES

Senior students who do not complete all required graduation requirements by the date of the graduation ceremony will not be allowed to participate in the ceremony. The student may still earn a diploma within the cohort year if the student completes the credits needed to meet graduation requirements prior to September 1st of the same calendar year.

CLASS RANKING

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

Freshman	Sophomore	Junior	Senior
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 process applies to class ranking only, not to individual GPA. The individual GPA will continue to include all classes on a student's transcript. Students are ranked in January and June, with seniors additionally ranked at the end of September to capture grade enhancements from state achievement testing. For more information on Grade Enhancement, go to www.dvusd.org/department/cia/assessment. 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, with any missing course calculated as a 0 for class ranking purpose

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.

GPA Grade Weights

Grade	GPA Weight	GPA Weight for Honors/AP/IB Courses
A	4.0	5.0
B	3.0	4.0
C	2.0	3.0
D	1.0	1.0
F	0	0

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 grades. Both will be factored into the GPA unless the failing grade is requested to not factor into the GPA. Course titles and course grades will not be removed from transcripts. Upon request, the improved course grade will be the only grade factored into the GPA. Prior approval by the 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 and the higher grade of the two factored into the GPA, upon request. Credit will be given for one course, not both. Course titles and course grades will not be removed from the transcripts. 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 as an "N" on the student's 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 comes with these advanced academic courses. Once students and parents agree to the requirements, they will be enrolled in an advanced academic course. 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. All level changes, up or down, must be completed by the 20th day of the semester.

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, 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.

Repeatable Courses

The following courses may be taken for repeat credit in a subsequent semester or year.

2-D Portfolio Preparation
3-D Portfolio Preparation
Academic Decathlon H
Academic Lab
Adv Creative Writing
Advanced Dance
Advanced Fitness Center
Advanced Guitar
Advanced Level CTE Classes*
Advanced Performance Choir
Advanced Performance Guitar
Advanced Performance Piano
Advanced Performance Theatre
Advanced Physical Ed
Advanced Weight Training
Beginning Band
Chorus
Concert Band
Concert Choir
Dance Conditioning*
Dance Ensemble
Dance for Musical Theater*
Dance Fundamentals
English Language Arts Lab
Facilitator Percussion
Gifted Seminar H
Intermediate Dance
Jazz Ensemble
Learning Center Supplemental
Lifetime Sports
Mariachi
Mathematics Lab
Newspaper
Peer Facilitator
Percussion Ensemble
Performance Dance Ensemble
Performance Jazz
Power Training
Preventing Substance Abuse Across the Lifespan
Stage Production
Student Government
Symphonic Band
Technology Facilitator
Transition School to Work Consult
Transition Skills
Wind Ensemble
Yearbook

With theapproval of instructor

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 Course Loads

Freshmen, sophomores, and juniors must be enrolled in six DVUSD credit classes, which may include on-campus, off-site CTE programs, Aspire, and West-MEC programs. Senior year students must be enrolled in a minimum of four courses, which can include DVUSD, Aspire courses, or West-MEC courses (some West-MEC courses may count for more than one course). In addition to DVUSD and West-MEC courses, students may also take courses with in-state community colleges or universities if pre-approved as part of a special high school program with an expectation that they submit their transcripts to the DVUSD campus to include on their high school transcripts. Full time Aspire students will graduate from Aspire and full-time college students are not eligible to enroll with DVUSD.

Seniors deficient in credits to graduate must be enrolled in up to six DVUSD credit-bearing courses, which may include on-campus, off-site CTE programs, Aspire, approved in-state community college courses, and West-MEC programs. If a DVUSD student does not graduate due to credit deficiency, the student can complete one of the following:

- Successfully complete deficient credit(s) during the summer before September 1st to receive a DVUSD diploma from their home campus.
- Successfully complete deficient credit(s) and take a minimum of one class on their home campus to earn a DVUSD diploma with the home campus
- Successfully complete deficient credit(s) with Aspire Deer Valley's Online Academy to receive a DVUSD diploma from Aspire.

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 weeks of receipt of the device.
Go to http://www.dvusd.org/departments/cia/edtech/students-devices for more information.

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 the current plan of coursework, career aspirations, and extended learning opportunities. Additionally, a Wellness Counselor may be available at each high school to provide therapeutic and/or crisis counseling services to students.

English Acquisition Services

All campuses provide services for English Language Learners. DVUSD follows the Pull Out and Two-Hour models, providing both targeted and integrated instruction to ensure that all EL students are successful in both English acquisition and content area courses to meet graduation requirements.

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 623-445-4910 para obtener información.

PROGRAM OPPORTUNITIES

Academy of Civic Engagement and Advanced Studies (SOHS)

The Academy of Civic Engagement and Advanced 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 75.

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, BCHS and SOHS

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 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.

Certificate of STEM Distinction (BCHS)

The Certificate of STEM Distinction is an award for graduating BCHS students that go above and beyond to apply and share their knowledge, skills, and disposition regarding STEM in our increasingly technological society. Students earn points for qualifying activities or accomplishments and maintain a portfolio documenting these accomplishments which is submitted for review at the end of their senior year. Some of the activities or accomplishments that qualify include service projects relating to STEM, such as math/science tutoring, volunteering time to our campus recycling program, local trash pick up, & volunteering for healthcare organizations; earning STEM related certifications in CTE programs like engineering & programming; earning passing scores on STEM AP Exams; and, taking junior/senior level AP/Dual math, science, & CTE classes.

Aspire – Deer Valley's Online Academy 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. See your guidance counselor or visit http://dvusd.org/aspire for a course list.

Early College-Paradise Valley Community College (BGHS)

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 Maricopa Community Colleges and is specifically designed for Native American Students. 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 (BGHS)

International Baccalaureate (IB) available at Barry Goldwater High School, is an internationally recognized course of study. It is designed for highly motivated students interested in challenging coursework that engages their creative talents, develops critical thought and instills excellent citizenship. While pursuing the prestigious IB Diploma, students engage in unique educational opportunities such as research-based personal projects, leadership opportunities and community outreach activities. Students from the entire Deer Valley Unified School District may attend on open enrollment and regional transportation is provided. Course information can be found on pages 76-84.

Incoming high school students participate in the International Baccalaureate Middle Years Programme (MYP) which provides 9th and 10th graders the opportunity to develop interpersonal skills while engaging in self-centered learning through our MYP Cohorts offering students a "School within a School" model. 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 students wishing to pursue the IB Diploma program in 11th and 12 grades are encouraged to complete the IB MYP program. More information can be found on the BGHS IB Website at https://www.dvusd.org/domain/2426 https://bghs.dvusd.org/programs/international-baccalaureate-programme-ib

Vista Peak School

Vista Peak School is a public day school that offers a private level of service to various eligibility categories and primarily serves a diverse student population with intensive academic, behavioral, and social/emotional needs. These services are not available through open enrollment. Vista Peak School places the focus on academics delivered in a more personal environment. 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 AGEC (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. AGEC 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 AGECs designed to articulate with different majors. All three share the basic framework; however, the AGEC-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. 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. Any dual enrollment course that supplants an Honors (H), International Baccalaureate (IB), or Advanced Placement (AP) will earn a weighted GPA point.

ASPIRE DEER VALLEY'S ONLINE ACADEMY

COLLEGE COURSE	COLLEGE COURSE CODE	SUPPLANTS
Technical Writing	ENG 111	ELA 5 or 6 *depending on campus
English Composition	ENG 101 / ENG 102	ELA 7-8
Introduction to Human Communication	COM 100	Communications/Public Speaking
College Algebra	MAT 152	College Algebra
Intro to Literature	ENH 110	ELA 5
Literature & the American Experience	ENH 111	ELA 6
Elements of Statistics	MAT 206	Probability & Statistics
World History to 1500	HIS 110	World History 1 (Semester 1)
World History 1500 to the Present	HIS 111	World History 2 (Semester 2)
US History to 1865	HIS 103	US History 1 (Semester 1)
US History 1865 to Present	HIS 104	US History 2 (Semester 2)
Biology Concepts	BIO 100	Biology Honors
Marine Biology	BIO 145	Marine Biology
PreCalculus	MAT 188	Pre-Calc H 1 & 2
Principles of Selling	MKT 267	Marketing (Semester 1)
Principles of Marketing	MKT 271	Marketing (Semester 2)
Public Speaking	COM 225	Elective

BARRY GOLDWATER HIGH SCHOOL

COLLEGE COURSE	COLLEGE COURSE CODE	SUPPLANTS
Calculus with Analytic Geometry I	MAT 221	Calculus AB IB Math SL Y2
Calculus with Analytic Geometry II	MAT 231	Calculus BC IB Math HL Y2
College Algebra	MAT 152	College Algebra
Elements of Statistics	MAT 206	Probability & Statistics
English Composition	ENG 101 / ENG 102	ELA 7-8
Intro to Literature	ENH 110	ELA 5
Ethics and Administration to Justice	AJS 123	Law Enforcement Cadet
Foundations of Construction Safety	CON 103	Construction Technologies (Semester 1), 1 college credit
Foundations of Construction Trades	CON 102AA	Construction Technologies (Semester 1), 2 college credit
Fundamentals of Chemistry	CHM 130	Chemistry H or IB MYP Chemistry H Gifted
General Chemistry I and II	CHM 151 / CHM 152	IB Chem HL Yr 1(151); IB Chem HL Yr 2 (152)
Graphic Design-Adobe Photoshop	CIS 120DF	Graphic Design (Semester 2)
Interpersonal Communication	COM 110	Elective
Introduction to Communications	COM 100	Elective
Introduction to Creative Writing	CRW 150	Creative Writing
Introduction to Criminal Justice	AJS 101	Introduction to Law Enforcement
Introduction to Education	EDU 221	Advanced Education Professions
Owning and Operating a Small Business	MGT 253	Advanced Marketing (Semester 1)
Patrol Procedures	AJS 107	Advanced Law Enforcement
Precalculus	MAT 188	Precalculus H
Principles of Marketing	MKT 271	Marketing
Python Programming Level 1	CIS 156	Software & App Design
Technical and Professional Writing	ENG 111	ELA 7 or 8
US History to 1865	HIS 103	US History 1 (Semester 1)
US History 1865 to Present	HIS 104	US History 2 (Semester 2)
World History to 1500	HIS 110	World History 1 (Semester 1)
World History 1500 to the Present	HIS 111	World History 2 (Semester 2)

BOULDER CREEK HIGH SCHOOL

COLLEGE COURSE	COLLEGE COURSE CODE	SUPPLANTS
Adobe Photoshop Level I	CIS 120DF	Graphic Design (Semester 2)
Adobe Photoshop Level II	CIS 220DF	Intermediate Graphic Design (Semester 1)
C#: Level I	CIS 162AD	Advanced Software & App Design
Introduction to Android Application Development	CIS 165DA	Android Mobile Device Programming
Java Programming: Level I	CIS 163AA	Advanced Software & App Design AP
Python Programming Level 1	CIS 156	Software and App Design
US History to 1865	HIS 103	US History 1 (Semester 1)
US History 1865 to Present	HIS 104	US History 2 (Semester 2)
BLOCK OF COURSES: Child Development/Health and Nutrition in Early Childhood/Safety in Early Childhood Settings/Food Experiences with Young Children	ECH176/CFS123/ CFS125/ECH280	Child Development (Semester 2)
College Algebra	MAT 151	College Algebra
Computer Graphics: Adobe Illustrator	CIS 120DB	Graphic Design (Semester 1)
Desktop Design & Publishing Using Adobe InDesign	CIS 138DA	Intermediate Graphic Design (Semester 2)
Drawing I	ART 111	Drawing 3-4
Elements of Statistics	MAT 206	Probability & Statistics
First-Year English Composition	ENG 101 / ENG 102	ELA 7-8
First-Year Composition/Technical & Professional Writing	ENG 102/ENG 111	ELA 7-8
Introduction to Literature/First Year English Composition	ENH 110 / ENG 101	ELA 5-6
Pre Calculus Honors	MAT 187	Precalculus H
Principles of Selling	MKT 267	Marketing (Semester 1)
Principles of Marketing	MKT 271	Marketing (Semester 2)
Owning and Operating a Small Business	MGT 253	Advanced Marketing (Semester 1)
Introduction to Business	GBS 151	Advanced Marketing (Semester 2)
Visual Basic Programming I	CIS 159	Software & App Design
Leadership	LRD 100	Student Government

DEER VALLEY HIGH SCHOOL

COLLEGE COURSE	COLLEGE COURSE CODE	SUPPLANTS
Advanced Spanish Conversation I	SPA 235	5th year of Spanish (Semester 1)
Advanced Spanish Conversation II	SPA 236	5th year of Spanish (Semester 2)
American National Government	POS 110	Government
Biology Concepts	BIO 100	Biology Honors
Calculus with Analytic Geometry I	MAT 221	AP Calculus AB
College Algebra	MAT 152	College Algebra
Elementary Spanish I / Elementary Spanish II	SPA 101 / SPA 102	Spanish 5-6 H
Elements of Statistics	MAT 206	Probability & Statistics
First Aid/Cardiopulmonary Resuscitation	HES 154	Advanced Sports Medicine (Semester 1)
First-Year English Composition	ENG 101 / ENG 102	ELA 7-8
First-Year Composition/Technical & Professional Writing	ENG 102/ENG 111	ELA 7-8
Fundamentals in Healthcare Delivery	HCC 130	Intro to Healthcare (Semester 1)
Intermediate Spanish I / Intermediate Spanish II	SPA 201 / SPA 202	AP Spanish Language & Culture
Introduction to Literature/First Year English Composition	ENH 110 / ENG 101	ELA 5-6
Introduction to Human Anatomy & Physiology	BIO 160	Anatomy & Physiology Honors
Marine Biology	BIO 145	Marine Biology
Medical Terminology for Health Care Professionals	HCC 145	Intro to Healthcare (Semester 2)
Nursing Assisting	NUR 158	Introduction to Nursing Professions
Precalculus	MAT 188	AP Precalculus
Prevention and Treatment of Athletic Injuries	HES 271	Sports Medicine (Semester 2)
Principles of Marketing	MKT 271	Marketing (Semester 2)
Principles of Selling	MKT 267	Marketing (Semester 1)
US History to 1865	HIS 103	US History 1 (Semester 1)
US History 1865 to Present	HIS 104	US History 2 (Semester 2)
World History to 1500	HIS 110	H World History 1 (Semester 1)
World History 1500 to the Present	HIS 111	H World History 2 (Semester 2)

MOUNTAIN RIDGE HIGH SCHOOL

COLLEGE COURSE	COLLEGE COURSE CODE	SUPPLANTS
College Algebra	MAT 151	College Algebra
College Mathematics	MAT 142	College Math
Elementary Spanish I / Elementary Spanish II	SPA 101 / SPA 102	Spanish 5-6 Honors
First Year English Composition	ENG 101 / ENG 102	ELA 7-8
Environmental Biology	BIO 105	AP Environmental Science
Intermediate French I / Intermediate French II	FRE 201 / FRE 202	AP French Language & Culture
Intermediate Spanish I / Intermediate Spanish II	SPA 201 / SPA 202	AP Spanish Language & Culture
Introduction to Education	EDU 221	Advanced Future Teachers Academy
Introduction to Human Anatomy & Physiology	BIO 160	Anatomy & Physiology Honors
Introduction to Literature	ENH 110	ELA 5/ ELA 6
Introduction to Sociology	SOC 101	Sociology
Marine Biology	BIO 145	AP Environmental Science
Precalculus	MAT 187	Precalculus Honors
Principles of Selling	MKT 267	Marketing (Semester 1)
Principles of Marketing	MKT 271	Marketing (Semester 2)
US History to 1865	HIS 103	US History 1 (Semester 1)
US History 1865 to Present	HIS 104	US History 2 (Semester 2)

SANDRA DAY HIGH SCHOOL

COLLEGE COURSE	COLLEGE COURSE CODE	SUPPLANTS
Accounting Concepts	ACC 109	Accounting
American Government	POS 110	Government
Biology Concepts	BIO 100	Biology Honors
Calculus with Analytic Geometry I	MAT 221	Calculus AB
Calculus with Analytic Geometry II	MAT 231	Calculus BC
Cardiopulmonary Resuscitation (CPR)	WED 106	Sports Medicine (Semester 1)
Early Childhood Ed (block of classes)	ECH 176, CFS123, CFS125, ECH280	Early Childhood Education
Advanced Early Childhood Ed (block of classes)	EC281, CFS101AH, ECH271, CFS282, ECH282	Advanced Early Childhood Education
College Algebra	MAT 152	College Algebra
Computerized Accounting	ACC 115	Advanced Accounting
Elementary Spanish I / Elementary Spanish II	SPA 101 / SPA 102	Spanish 5-6
Elements of Statistics	MAT 206	Probability & Statistics
First-Year English Composition	ENG 101 / ENG 102	ELA 7-8
First-Year Comp/Technical & Professional Writing	ENG101/ENG111	ELA 5-6
Fundamentals of Chemistry	CHM 130	Chemistry Honors
General Chemistry I / General Chemistry II	CHM 151 / CHM 152	AP Chemistry
Intermediate Spanish I / Intermediate Spanish II	SPA 201 / SPA 202	AP Spanish Language & Culture
Introduction to Education	EDU221	Advanced Education Professions
Introduction to Human Anatomy & Physiology	BIO 160	Anatomy & Physiology Honors
Introduction to Literature	ENH 110	ELA 5
Intro to Literature/First Year Composition	ENH110/ENG101	ELA 5-6
Introduction to Human Communication	COM 100	Communications/Public Speaking
Precalculus	MAT 188	AP Precalculus
Introduction to Physics	PHY 101	Physics Honors
Biology Concepts	BIO 100	Biology Honors
Public Speaking	COM 225	Elective

Elementary Spanish I / Elementary Spanish II	SPA101/102	Spanish 5-6 Honors
US History to 1865	HIS 103	US History 1 (Semester 1)
US History 1865 to Present	HIS 104	US History 2 (Semester 2)
World History to 1500	HIS 110	World History 1 (Semester 1)
World History 1500 to the Present	HIS 111	World History 2 (Semester 2)

COURSE OFFERINGS

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

AEROSPACE SCIENCE – Air Force JROTC – DVHS and SOHS

Students must enroll full time at the school they are planning to participate in JROTC. JROTC is offered at Deer Valley High School and Sandra Day O'Connor 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.

AIR FORCE JROTC 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 LENGTH: Year
CREDIT: 1

AIR FORCE JROTC 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: ROTC 1-2

AIR FORCE JROTC 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: ROTC 3-4

AIR FORCE JROTC 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 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: ROTC 3-4 & Instructor Approval

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. Limited transportation is available to students attending West-MEC campuses based on need. Students needing transportation should contact their counselor.

CTE Signature Program applications are available online at www.dvusd.org.

The following CTE classes meet the 1 credit graduation requirement.

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: 9-12 LENGTH: Year
CREDIT: 1 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. Student Organization: FBLA

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Accounting

ACCOUNTING – VITA CERTIFICATION (SOHS)

The Accounting – VITA Certification course will provide students the tools and opportunities to certify through the IRS VITA program and real world experience preparing tax returns for people in our community who generally make $56,000 or less, persons with disabilities and limited English speaking taxpayers who need assistance in preparing their own tax returns. Students will explore the payroll process all the way from time card submission, to business tax calculations and individual tax return preparation. Student Organization: FBLA

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Advanced 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 Aspire Deer Valley's Online Academy.** Student Organization: FBLA

GRADE: 12 (minimum 16 years of age) LENGTH: Year
CREDIT: 1 PREREQUISITE: Advanced Accounting (Concurrently or previously taken)

CTE PROGRAM OF STUDY: BIOSCIENCE PROJECT LEAD THE WAY

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. Student Organization: HOSA

GRADE: 9-12 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 Aspire Deer Valley's Online Academy. Student Organization: HOSA

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

CREDIT: 1 PREREQUISITE: Human Body Systems H (Concurrently or previously taken)

CTE PROGRAM OF STUDY: BUSINESS MANAGEMENT

Students will learn a powerful combination of college-level business education and essential life skills. Students will explore key business disciplines, including entrepreneurship, marketing, finance, accounting, and management, through real-world projects and case studies while simultaneously mastering personal finance fundamentals such as budgeting, saving, investing, and credit management. Student Organizations: FBLA or DECA

GRADE: 11-12 LENGTH: Year
CREDIT: 1

CTE PROGRAM OF STUDY: CONSTRUCTION TECHNOLOGIES

INTRODUCTION TO CONSTRUCTION TECHNOLOGIES

In this course for 9th grade, students will learn the fundamentals of safety and construction practices through engaging, hands-on learning experiences. Students will explore key areas of the construction trades, including hand and power tool operation blueprint reading, framing, drywall, plumbing, and other essential trade skills. Emphasis is placed on developing safe work habits, attention to detail, and the ability to follow directions in a team-oriented environment. Ideal for students who enjoy working with tools, applying math skills, and learning by doing, this course provides a strong foundation for further study or entry into the two year program for Construction Technologies at Barry Goldwater High School.

GRADE:9 LENGTH: Year
CREDIT:1

CONSTRUCTION TECHNOLOGIES

The Construction Technologies program prepares individuals to apply technical knowledge and skills to residential and commercial building construction and remodeling. The Construction Technologies program includes instruction in construction equipment and safety, site preparation and layout, construction estimating, blueprint reading, building codes, framing, masonry, heating, ventilation, and air conditioning, electrical and mechanical systems, interior and exterior finishing, and plumbing. Student Organization: SkillsUSA

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: None

ADVANCED CONSTRUCTION TECHNOLOGIES

Advanced Construction Technologies prepares individuals to industry aligned technical knowledge and skills in residential and commercial building construction and remodeling. Topics will include wall and floor framing, roof framing, exterior finishes, environmental systems, and electrical systems leading to tiny home construction of similar projects. Students will have the opportunity to learn NCCER certification, and the program will lead to apprenticeship opportunities.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Construction Technologies

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 LENGTH: Year
CREDIT: 1

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 Aspire Deer Valley's Online Academy.** Student Organization: FCCLA

GRADE: 12 (minimum 16 years of age) LENGTH: Year
CREDIT: 1 PREREQUISITE: Advanced Culinary Arts (Concurrently or previously taken)

CTE CYBERSECURITY

AP CYBERSECURITY 1: NETWORKING FUNDAMENTALS (SOHS)

The Career Kickstart Cybersecurity 1: Networking Fundamentals course introduces students to the foundations of computer networking, which is critical to understanding cybersecurity concepts at a deeper level. Interweaving networking and cybersecurity concepts throughout the course, students learn about various network devices like switches, routers, and firewalls, as well as protocols that offer digital communication. This course is built to engage and support students with all levels of experience in computing.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: None

AP CYBERSECURITY 2: CYBERSECURITY FUNDAMENTALS (SOHS)

Career Kickstart Cybersecurity 2: Cybersecurity Fundamentals is a full-year course covering foundational cybersecurity concepts and skills and is equivalent to a college-level Introduction to Cybersecurity course. Students will explore the current cyber threat landscape to understand the types of adversaries organizations face and the techniques adversaries use to compromise systems and data. Students will learn how vulnerabilities create risk and how organizations implement security controls to manage that risk. Topics in the course include physical, operational, application, and network security; security controls; cryptography; access control; attacks and detection; and response and recovery. Students will research emerging trends in cybersecurity and gain hands-on experience implementing security protocols. Student Organization: FBLA

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: AP Cybersecurity 1: Networking Fundamentals

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

GAMING CONCEPTS 1

This course engages students in the exploration of gaming history, game genres, technology, troubleshooting, and college career readiness with a technology focus. The course allows students to practice good gamer health and engage in digital citizenship, teamwork, and reflection.

Student Organization: SkillsUSA

GRADE:9-12 LENGTH:Year

CREDIT:1

GAMING CONCEPTS 1

This course engages students to continue learning about gaming technology. Students will build college-and career-readiness skills such as communication, teamwork, critical thinking, and problem-solving. They will also explore technology-related careers and learn skills they will need beyond high school. Student Organization: SkillsUSA

GRADE 9-12 LENGTH: Year

CREDIT:1 PREREQUISITE: Gaming Concepts 1

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 Aspire Deer Valley's Online Academy. 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: FCCLA

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: FCCLA

GRADE: 10-12 LENGTH: Year

CREDIT: 1 PREREQUISITE: Child Development

EARLY CHILDHOOD EDUCATION CERTIFICATE

This course will provide an overview of early childhood education (birth to age eight) in American society, including current issues and responsibilities with an emphasis on issues of professionalism, ethics and program types. This course also provides an overview of the exceptional learner with emphasis on factors relating to current practices, identification, characteristics, and educational adaptations. Issues related to mild disabilities, serve disabilities, emotional and behavioral disorders, intellectual disabilities, and students who are gifted. Six (6)credits can be completed concurrently at the college for CCL Completion and award. Includes field experience/Work based Learning. Student Organization: FCCLA

GRADE: 11-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Advanced Early Childhood 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 Aspire Deer Valley's Online Academy.** Student Organization: FCCLA

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 (BCHS, BGHS, DVHS, MRHS, SOHS)

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: FCCLA

GRADE: 9-12 LENGTH: Year
CREDIT: 1

ADVANCED EDUCATION PROFESSIONS (BGHS, BCHS, DVHS, MRHS, SOHS)

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: FCCLA

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Education Professions

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: FCCLA

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

CIVIL ENGINEERING AND ARCHITECTURE H (BCHS)

Civil Engineering and Architecture (CEA) is an honors level course that provides students residential and commercial design experience including project management, code requirements, site orientation and sustainable design. Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software. Student Organization: SkillsUSA

GRADE: 11-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Principles of Engineering

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

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 LENGTH: Year
CREDIT: 1 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 Aspire Deer Valley's Online Academy.** Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age) LENGTH: Year
CREDIT: 1 PREREQUISITE: Principles of Engineering (Concurrently or previously taken)

CTE PROGRAM OF STUDY: FILM AND TV PRODUCTION

FILM & TV PRODUCTION (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 LENGTH: Year
CREDIT: 1

INTERMEDIATE FILM & TV PRODUCTION (BCHS, BGHS, MRHS, SOHS)

This course provides students with 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Media Productions

ADVANCED FILM & TV PRODUCTION (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 LENGTH: Year
CREDIT: 1 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 an Aspire Deer Valley's Online Academy course.** Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age) LENGTH: Year
CREDIT: 1 PREREQUISITE: Intermediate Media Production (Concurrently or previously taken)

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 Aspire Deer Valley's Online Academy a Aspire Deer Valley's Online Academy course.** Student Organization: FBLA

GRADE: 12 (minimum 16 years of age)
CREDIT: 1
LENGTH: Year
PREREQUISITE: Advanced Financial Services and Money Management (Concurrently or previously taken)

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
CREDIT: 1
LENGTH: Year

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
CREDIT: 1
LENGTH: Year
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 Aspire Deer Valley's Online Academy a Aspire Deer Valley's Online Academy course.** Student Organization: FBLA

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

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
CREDIT: 1
LENGTH: Year
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

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 Aspire Deer Valley's Online Academy.** 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 valuable 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 Aspire Deer Valley's Online Academy.** 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

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 Aspire Deer Valley's Online Academy.** 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 AND PUBLIC SAFETY

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

LAW ENFORCEMENT CADET

This hands-on course allows students the opportunity to put theories of leadership, laws, and management into further practice by leading Intro/Adv students during work based learning. Students will also participate in CTSO off-campus competitions and activities.

GRADE: 10-12 LENGTH: Year
HS CREDIT: 1 PREREQUISITE: Advanced Law Enforcement
*EVENING 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 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 Aspire Deer Valley's Online Academy.** Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age) LENGTH: Year
CREDIT: 1 PREREQUISITE: Advanced Law Enforcement
(Concurrently or Previously Taken)

CTE PROGRAM OF STUDY: MARKETING

MARKETING (BCHS, 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, SOHS)

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

COLLEGE AND CAREER READINESS PREP AND PROFESSIONAL ETHICS (MRHS)

The work-based learning continuum helps instructors creatively deliver curriculum and is proven to help students make informed college and career choices and acquire necessary college and career readiness skills. This course provides a solid understanding of why ethics is important in every profession. After an introduction to several philosophies that inform ethics today, students explore the characteristics of an ethical professional. Students consider the range of dilemmas faced by managers and employees in the workplace. They learn about the qualities of effective leaders and the tools modern professionals use to instill an ethical workplace culture. Throughout the course, students have opportunities to refine their personal sense of ethics as they begin to build an ethical foundation for their professional future. Student Organization: DECA

GRADE: 11-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Advanced Marketing

FINANCIAL PLANNING AND SPORTS AND ENTERTAINMENT MARKETING (MRHS)

Students learn about the importance of financial planning in helping people reach their life goals, how to set personal financial goals and a budget, the ethical code of certified financial planners, time-and-money relationships, and tax-reduction strategies. The course includes lessons on saving, borrowing, credit, and all types of insurance. It covers various types of investments, including income and growth investments. The course also discusses retirement and estate planning. Curriculum is with the National Academy Foundation. Sports and Entertainment Marketing focuses on marketing and management functions/tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, selling or renting of supplies and equipment (other than vehicles) used for recreational or sporting purposes, products and services related to hobbies or cultural events, or businesses primarily engaged in satisfying the desire to make productive or enjoyable use of leisure time. Students will apply skills to high school sports as part of the project based learning experiences. Student Organization: DECA

GRADE: 11-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Advanced 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 Aspire Deer Valley's Online Academy.** 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 successful completion (per the course syllabus) 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 students 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)

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 CIA 156, 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 (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 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 aligned 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 (BGHS)

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 Aspire Deer Valley's Online Academy. Student Organization: Skills USA or FBLA

GRADE: 12 (minimum 16 years of age) LENGTH: Year
CREDIT: 1 PREREQUISITE: Advanced Information Technology (Concurrently or previously taken)

CTE PROGRAM OF STUDY: SPORTS MEDICINE

INTRODUCTION TO SPORTS MEDICINE (BGHS, 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 LENGTH: Year
CREDIT: 1

ADVANCED SPORTS MEDICINE (BGHS, 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year

CREDIT: 1 PREREQUISITE: Advanced Sports Medicine

PHYSICAL THERAPY TECH (SOHS)

The Certified Physical Therapy Tech focuses on rehabilitation services skills and knowledge. By obtaining a certification, individuals demonstrate they possess the necessary skills and knowledge to secure entry-level positions in the physical therapy industry.

Student Organization: HOSA

GRADE: 11-12 LENGTH: Year

CREDIT: 1 REREQUISITE: Advance 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 Aspire Deer Valley's Online Academy a Aspire Deer Valley's Online Academy course.** Student Organization: HOSA

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

CREDIT: 1 PREREQUISITE: Advanced Sports Medicine (Concurrently or previously taken)

CTE PROGRAM OF STUDY: STAGECRAFT

STAGE PRODUCTION-TECHNICAL THEATER(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 LENGTH: Year

CREDIT: 1

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 Aspire Deer Valley's Online Academy a Aspire Deer Valley's Online Academy 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)

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 west-mec.edu

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

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

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

ART 1-2

This course teaches students the basic techniques of painting and drawing using multiple art media including, but not limited to, graphite, ink, colored pencils, watercolor, and multi-media approaches.

GRADE: 9-12 LENGTH: Year
CREDIT: 1

ART 3-4

This course teaches students the basic elements, principles, and techniques of painting and drawing using multiple media such as but not limited to graphite, ink, colored pencils, charcoal, pastels, acrylic, watercolors, and oils.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Art 1-2

ART 5-6

This course offers more advanced elements, principles, and techniques of painting and drawing using multiple media such as but not limited to graphite, ink, colored pencils, charcoal, pastels, acrylic, watercolors, and oils. Color theory will be explored and an emphasis will be placed on the creation of an individual style.

GRADE: 11-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Art 3-4

CERAMICS 1-2

This course teaches hand building, glazing, and decorative techniques in 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 interviews.

GRADE: 11 - 12 LENGTH: Year

CREDIT: 1 PREREQUISITE: Ceramics 5-6 or Placement Criteria

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 LENGTH: Year

CREDIT: 1 PREREQUISITE:Art 1-2 or Placement Criteria

DRAWING 1-2

This course teaches the basic techniques of drawing through the use of several drawing media such as graphite, pen and ink, colored pencils, charcoal and pastels.

GRADE: 10-12 LENGTH: Year

CREDIT: 1 PREREQUISITE: Art 1-2 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 drawing media such as pastels, pen and ink, pencil, mixed media, etc. This course is available for dual enrollment credit (ART 111) at some sites.

GRADE: 10-12 LENGTH: Year

CREDIT: 1 PREREQUISITE: Drawing 1-2

PAINTING 1-2

Students will paint with a variety of painting media, such as acrylic, watercolor and oil, with an emphasis on art elements and principles. Color theory will be explored.

GRADE: 10-12 LENGTH: Year

CREDIT: 1 PREREQUISITE: Art 1-2 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 LENGTH: Year

CREDIT: 1 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 LENGTH: Year

CREDIT: 1 PREREQUISITE: Art 1-2 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 LENGTH: Year

CREDIT: 1 PREREQUISITE: Art 1-2 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 LENGTH: Year

CREDIT: 1 PREREQUISITE: Studio Art I

PHOTOGRAPHY AND DESIGN

This course will serve students who want to explore photography as an art form and for those interested in creative careers.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE:Art 1-2 or Placement Criteria

2-D PORTFOLIO PREPARATION

This is an advanced class designed for students who wish to prepare a portfolio for college or job interviews.

GRADE: 11-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Drawing 1-2 and Drawing 3-4 or Art 5-6

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 interviews.

GRADE: 11-12 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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. Enrolled students are expected to take the AP exam.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Audition

DANCE FOR MUSICAL THEATER

Dance for Musical Theater is a course designed to prepare students with the necessary dance training required for musical productions. This course focuses on building a strong foundation of traditional theater dance including tap, jazz and ballet basics as well as character and plot development of a story through dance. This class has no prerequisites and no experience necessary.

GRADE: 9-12 LENGTH: Semester
CREDIT: .5 PREREQUISITE: None

DANCE CONDITIONING

Using techniques inspired by yoga, Pilates, and ballet, this course is designed to improve muscular and postural strength, flexibility, alignment, balance, and body awareness in dancers. Students will also build their ability to focus, manage stress, achieve relaxation and enhance breath control. The course is taught and modified for each individual student's needs and is beneficial to everyone from beginners to advanced practitioners. NOTE: This course does not count toward the Physical Education graduation requirement.

GRADE: 9-12 LENGTH: Semester
CREDIT: .5 PREREQUISITE: None

BEGINNING THEATRE

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

GRADE: 9-12 LENGTH: Year
CREDIT: 1

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 LENGTH:Year
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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Beginning Theater

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.

BEGINNING BAND

This beginning band course teaches the fundamentals of playing a band instrument. No previous experience is necessary. This course addresses the music standards at the foundation level. Extra time outside of the regular school day is expected of all students for rehearsals and performances throughout the year.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: NONE

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 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1

SYMPHONIC BAND

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

GRADE: 9-12 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1

MARIACHI

This course will focus on the fundamentals and skills of Mariachi music. No previous experience is necessary. Students will occasionally perform in public with the group and in small ensembles. Enrollment in the class obligates students to participate in all scheduled activities of the ensemble. Extra time outside of the regular school day is expected of all students for rehearsals and performances throughout the year. Students must complete semester one in order to participate in semester two, or with the approval of the instructor.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: None

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 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Audition

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 aligned to the Arizona English Language Arts Standards. This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 9 LENGTH: Year
CREDIT: 1

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 aligned to the Arizona English Language Arts Standards as preparation for the AP or IB program in the 11th and 12th grades.
Class requires summer reading and projects.

GRADE: 9 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

ENGLISH LANGUAGE ARTS 1-2 IB MYP HONORS/GIFTED

This advanced course emphasizes the concepts and genres of literature and rhetoric, using a transdisciplinary and inquiry-driven approach. Students will engage in rigorous academic activities as preparation for the IB Diploma Programme in the 11th and 12th grades.

GRADE: 9 LENGTH: Year
CREDIT: 1 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. . This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 10 LENGTH: Year
CREDIT: 1 PREREQUISITE: English Language Arts 1-2

ENGLISH LANGUAGE ARTS 3-4 IB MYP HONORS/GIFTED

This advanced course emphasizes the concepts and genres of literature and rhetoric, using a transdisciplinary and inquiry-driven approach. Students will engage in rigorous academic activities as preparation for the IB Diploma Programme in the 11th and 12th grades.

GRADE: 10 LENGTH: Year
CREDIT: 1 PREREQUISITE: ELA 1-2 H and Placement Criteria

AP SEMINAR – ELA H

Students will develop and practice the skills in research, collaboration, and communication needed in any academic discipline. They will investigate topics in a variety of subject areas, write research-based essays, and design and give presentations both individually and as part of a team. Skills will focus on Reading and analyzing articles, studies, and other tests; Gathering and combining information from sources; Viewing an issue from multiple perspectives; Crafting arguments based on evidence. This course counts toward the 2nd year ELA high school graduation credit.

GRADE: 10 LENGTH: Year
CREDIT: 1 PREREQUISITE: ELA 1-2 or 1-2 H

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 aligned to the Arizona English Language Arts Standards as preparation for the AP or IB program in the 11th and 12th grades. Class requirements include summer reading and/or projects.

GRADE: 10 LENGTH: Year
CREDIT: 1 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 aligned to the Arizona English Language Arts Standards. A research paper and a speech unit are included. This course is available for dual enrollment credit at some sites. Community college tuition applies. This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 11 LENGTH: Year
CREDIT: 1 PREREQUISITE: English Language Arts 3-4

AP ENGLISH LANGUAGE AND COMPOSITION

This advanced placement course includes a study of rhetoric and composition and follows the guidelines as set forth by the College Board. 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 LENGTH: Year
CREDIT: 1 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. Students will develop skills in reading, writing, speaking and listening aligned to the guidelines as set forth by the College Board. 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. . This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 12 LENGTH: Year
CREDIT: 1 PREREQUISITE: English Language Arts 5-6

AP ENGLISH LITERATURE AND COMPOSITION

This advanced placement course includes a study of historic and current world literature and follows the guidelines as set forth by the College Board. 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Jr. English Language Arts AP or Placement Criteria

AP RESEARCH ELA 7-8H

AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. Students build on what they learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, they will design, plan and conduct a year-long research based investigation to address a research question. This course counts toward the 4th year ELA graduation requirement.

GRADE: 11-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: AP Seminar

ENGLISH LANGUAGE DEVELOPMENT

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 LENGTH: Year
CREDIT: 1 LA and 3 Elective PREREQUISITE: Placement Criteria

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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: AZELLA placement

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

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)

ADVANCED CREATIVE MEDIA (DVHS)

This course gives students the opportunity to advance their publishing skills in areas such as photography, film, and journalistic writing. Students will choose projects to work on and may serve in leadership roles for the class. In addition to showing growth in audio/visual technology skills, students will work on career-readiness professional skills, such as interpersonal communication, critical thinking, problem-solving, and using feedback productively.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Creative Media

ADVANCED CREATIVE WRITING

This is a workshop-based course for students ready to further develop their writing skills. Students will design and complete an independent writing project in a genre of their choice, conduct independent research to support both their writing and the creative process, and participate in regular writing workshops focused on peer feedback and revision. The course emphasizes professional writing practices, preparing students to submit polished work to literary magazines, contests, and other publication opportunities.

GRADE:10-12 LENGTH:Semester
CREDIT: .5 PREQUISITE: Creative Writing 1 or 2

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. A student's state testing results, universal reading screening exam results, and/or IEP 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: 9-12 LENGTH: Semester
CREDIT: .5 PREREQUISITE: Placement Criteria

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 LENGTH: Semester
CREDIT: .5 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 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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. This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 9-10 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement test or Placement Criteria

ALGEBRA 1-2 IB MYP HONORS/GIFTED

This course provides a more rigorous approach to the algebra topics. 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. Students will engage in rigorous academic activities as preparation for the IB Diploma Programme in the 11th and 12th grades.

GRADE: 9 LENGTH: Year
CREDIT: 1 PREREQUISITE: 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. . This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Algebra 1-2

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

GEOMETRY 1-2 IB MYP HONORS/GIFTED

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.. Students will engage in rigorous academic activities as preparation for the IB Diploma Programme in the 11th and 12th grades.

GRADE: 9-10 LENGTH: Year
CREDIT: 1 PREREQUISITE: Algebra 1-2 H and 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 do not fulfill university admission requirements. . This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 11-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Algebra 1-2 and 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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. . This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 11-12 LENGTH: Semester
CREDIT: .5 PREREQUISITE: Algebra Applications or Algebra 3-4

FINANCIAL MATH APPLICATIONS

This course includes the study of the financial world students will encounter in their lives including: the difference between saving and checking accounts, all aspects of taxes, bankruptcy, investing hedge funds as well as personal financial topics like loans (car, college, home and payday loans), all types of insurance, credit card purchases, loan refinancing, financial software, budgeting, retirement planning, entrepreneurship, consumer skills, and finding the right job from resume to being hired. This class is a project-based course. NOTE: Financial Math Applications does not fulfill university admission requirements. This course is a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services, as designed on the student's IEP.

GRADE: 12 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: Algebra Applications or Algebra 3-4 AND Active IEP

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. . This course can be offered as a Learning Center Content (LCC) course for students with disabilities who are eligible for special education services as designated on the student's IEP.

GRADE: 11-12 LENGTH: Semester
CREDIT: .5 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 LENGTH: Semester
CREDIT: .5 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 LENGTH: Semester
CREDIT: .5 PREREQUISITE: Algebra 3-4

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 LENGTH: Semester
CREDIT: .5 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

STATISTICS

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

GRADE: 11-12 LENGTH: Semester
CREDIT: 1 PREREQUISITE: Placement Criteria

STATISTICAL REASONING IN SPORTS

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 LENGTH: Semester
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

AP PRECALCULUS

Through the course, students strengthen their procedural and symbolic fluency skills needed for higher level mathematics. While studying each function type, students solve equations and construct equivalent analytic representations in both contextual and purely mathematical settings.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Algebra 3-4 H or 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

ELECTIVES (Not for Mathematics Credit)

ALGEBRA FOUNDATIONS

Algebra Foundations is a specialized math curriculum designed to build the logic, confidence, and algebraic habits of mind necessary for students to succeed in a standard Algebra 1 course. Rather than focusing solely on rote procedures, this course emphasizes mathematical "puzzles" and logical reasoning to help students make sense of abstract concepts. This course is reserved for students

GRADE: 9 LENGTH: Year

CREDIT: 1 PREREQUISITE: None

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 LENGTH: Year

CREDIT: 1 PREREQUISITE: Placement Criteria

PHYSICAL EDUCATION

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

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 LENGTH: Semester

CREDIT: .5 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 LENGTH: Semester

CREDIT: .5 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 LENGTH: Semester

CREDIT: .5 PREREQUISITE: None

OR

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 LENGTH: Semester

CREDIT: .5 PREREQUISITE: None

OR

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

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 LENGTH: Semester
CREDIT: .5 PREREQUISITE: None

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

INTRODUCTION TO WEIGHT TRAINING (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

ADVANCED WEIGHT TRAINING (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: Introduction to Weight Training or Placement Criteria

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: 9-12 LENGTH: Semester
CREDIT: .5 PREREQUISITE: Weight Training 1-2 or Instructor Approval

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

LIFETIME SPORTS (Coed)

This course builds on fitness concepts in activities that 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

UNIFIED SPORTS

This course is based on the Special Olympics Sports Program. It combines students in a specialized program with students in general education for sports training and competition. Sports include basketball, flag football, floor hockey, soccer, volleyball, and others. The course may be repeated for credit.

GRADE: 9-12 LENGTH: Semester
CREDIT: .5 PREREQUISITE: None

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 all of the essential standards. All freshmen 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 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

BIOLOGY 1-2 IB MYP HONORS/GIFTED

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. Students will engage in rigorous academic activities as preparation for the IB Diploma Programme in the 11th and 12th grades. 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

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 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 & Algebra 1-2 or Algebra 1-2 H

HONORS CHEMISTRY H (accelerated course)

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 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: Semester

CREDIT: .5 PREREQUISITE: Passed Biology or Biology H & Algebra 1-2 or Algebra 1-2 H

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

HONORS EARTH SCIENCE (accelerated course)

This 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 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: .5

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 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.P4U3.9, HS.P4U1.10, HS.E1U1.11, HS.E1U1.12, HS.E1U1.13, HS.E1U3.14, HS.E2U1.15, HS.E2U1.16, HS.E2U1.17

GRADE: 11-12 LENGTH: Year

CREDIT: 1 PREREQUISITE: Biology or Biology H

ENVIRONMENTAL SCIENCE H

This lab class will examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, this course will cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. This honors level course will allow students to engage with the principles, concepts, and methodologies at a more in-depth and rigorous level. 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: 10-12 LENGTH: Year

CREDIT: 1 PREREQUISITE: Biology 1-2 or Biology 1-2H

High School Science Course Sequence For Class Year 2023 and later			
9th	10th		11th
Biology or Honors Biology or BIO 100	Environmental Science		Chemistry, Honors Chemistry, CHEM 130 Physics/Honors Physics AP Physics/PHY 101 Anatomy/BIO 160 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		Environmental Science Earth Science or Honors Earth Science
9th	10th	1 Semester Module	11th
Honors Biology or BIO 100	Honors Chemistry	H Earth Science	AP Chemistry AP Biology AP Environmental Science/BIO 15 CHEM 151/152 Honors Physics/AP Physics/PHY101 BIO 145/Marine Biology BIO 160 IB Biology IB Chemistry Forensics Anatomy Environmental Science

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

ANATOMY/PHYSIOLOGY H

This lab-oriented course deals with the structure and function of the major human body systems, including histology, cells, tissues, organ systems, respiration circulation, digestion, endocrine function, and other key body functions. This course requires students to apply their knowledge of anatomy and physiology to real-world situations and use critical thinking skills. 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: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Bio/Bio H, Earth Sci/Earth Sci H/H Earth Sci or Env Sci/ Env Sci.H or 1 Sem Earth H + Chem/Chem H

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

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

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

MARINE BIOLOGY H

Marine Biology Honors is an advanced 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 accelerated inquiry and complex problem-solving through the lens of marine interactions. Designed to pair with BIO 145, this honors-level course delivers enhanced academic depth, rigorous data analysis, and independent research. This course covers the following Arizona essential standards at an elevated level of complexity: HS.P3U2.7, HS.P4U1.10, HS.E1U3.14, HS.L2U3.18, HS.L2U1.19, HS.L4U1.27, HSL4U1.28.

GRADE:11-12 LENGTH: Year
Credit:1 Prerequisite:Biology + one other 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 3-4

PHYSICS H

This course is a lab science that is 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 skills, 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. 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: Passed 2 years of high school science and have taken or are currently enrolled in Algebra 3-4

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

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

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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Passed Algebra 3-4 or Algebra 3-4 H and AP Physics I

AP PHYSICS C: MECHANICS

The AP Physics C: Mechanics course explores concepts such as kinematics; Newton's laws of motion, work, energy, and power; systems of particles and linear momentum; rotation; oscillations; and gravitation. The class includes hands-on laboratory work and in- class activities to investigate phenomena and use calculus to solve problems.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Calculus AB

ELECTIVE (NOT FOR SCIENCE CREDIT)

MEDICAL SCIENCE (May not meet university admission requirements.)
This elective 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. This course is an elective only and does not meet graduation requirements.

GRADE: 9-12 LENGTH: Year
CREDIT: 1

SOCIAL STUDIES

WORLD HISTORY
Through the process of inquiry students will explore people, events and movements in World History with a comprehensive study of the impact of social, geographic, political, and economic influences on historical events and geography. This course includes the study of the people of Africa, the Americas, Asia, and Europe with a balanced approach to the Eastern and Western Hemispheres. The course will begin with the 15th century to allow for depth of content and connection to current issues and events. The course will include the following topics of study: world belief systems, interregional interactions, revolutions of thought, industrial revolution, political revolutions, global rise of nation-states, World War I through World War II, Holocaust and genocides, Cold War, global imperialism, and contemporary global issues. Students will be able to apply the lessons of world history to their lives as citizens of the United States and members of the world community.

NOTE: This course meets the high school graduation requirements for World History/Geography.
NOTE: This course is available for dual enrollment credit at some sites.

GRADE: 10 LENGTH: Year
CREDIT: 1

WORLD HISTORY H
This rigorous course covers the same concepts as World History but is designed for advanced students looking for more rigor and complexity of content knowledge and disciplinary skills. Students will trace the development of civilizations from early prehistoric people through the present. Emphasis will be placed on students doing the work of historians, geographers, political scientists, and economists to develop a deeper understanding of content and a strong connection to the material Students may be required to complete an outside research project during the course of the year.

NOTE: This course meets the high school graduation requirements for World History/Geography
NOTE: This is a weighted course.

GRADE: 10 (9th grade IB only) LENGTH: Year
CREDIT: 1 PREREQUISITE: Language Arts/Placement Criteria

WORLD HISTORY IB MYP HONORS/GIFTED (BGHS Only)
A rigorous course designed to encourage learners to respect and understand the world around them and equip them with the necessary skills to inquire into historical, contemporary, geographical, political, social, economic, religious, technological, and cultural factors that have an impact on individuals, societies, and environments. The course also requires 4 hours of community service per semester to help develop global awareness. It will also follow the Arizona World History standards and storyline beginning with the 15th century to allow for depth of content and connection to current issues and events. Students should be able to apply the lessons of world history to their lives as citizens of the United States and members of the world community. **NOTE: This course meets the high school graduation requirements for World History/Geography** and may be taken for elective credit.

GRADE: 9th LENGTH: Year
CREDIT: 1 PREREQUISITE: IB Middle Years Programme Student (Year 4)

AP WORLD HISTORY: **MODERN**
This course is designed for motivated students and equivalent to a two-semester introductory college or university world history course. Study the cultural, economic, political, and social developments that have shaped the world from c. 1200 CE to the present through analyzing historical sources, learning to make connections, and crafting historical arguments as students explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. College Board has outlined the curricular requirements for this class

NOTE: This course meets the high school graduation requirements for World History/Geography or may be taken for elective credit.
NOTE: This is a weighted course
NOTE: Enrolled students are expected to take the AP exam in May

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

UNITED STATES HISTORY

Using inquiry in history, high school students will explore a variety of peoples, events, and movements in United States history with a focus on inquiry into the evolution of American democratic principles, changes in society, economic and geographical development, and the emergence of the United States as a global power. The course will include content from the following historical eras: Revolution and a New Nation, nation building and sectionalism, Civil War and Reconstruction, emergence of modern America, Great Depression and World War II, postwar United States, and contemporary United States. Special attention will be paid to how Arizona and its diverse cultures and individuals contribute to United States history from the colonial period through the Cold War.

NOTE: This course meets the high school graduation requirements for American History, including Arizona history.
NOTE: Optional college credit may be available; dual enrollment fee required.

GRADE: 11 LENGTH: Year

CREDIT: 1

U.S. HISTORY IB MYP HONORS/GIFTED (BGHS ONLY)

A rigorous course designed to motivate students to cultivate their understanding of United States History exploring a variety of peoples, events, and movements in United States history with a focus on inquiry into the evolution of American democratic principles, changes in society, economic and geographical development, and the emergence of the United States as a global power. Special attention will be paid to how Arizona and its diverse cultures and individuals contribute to United States history from the colonial period through the Cold War. Students will utilize the necessary skills to inquire into historical, contemporary, geographical, political, social, economic, religious, technological, and cultural factors that have an impact on individuals, societies, and environments. The course also requires 6 hours of community service per semester to help develop global awareness. **NOTE: This course meets the high school graduation requirements for American History, including Arizona history.**

GRADE: 10 LENGTH: Year
CREDIT: 1 PREREQUISITE: Site based placement criteria

AP UNITED STATES HISTORY

This course is designed for motivated students and equivalent to a two-semester introductory college or university U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Class requirements may include summer readings and projects. This course is designed to prepare enrolled students for the AP exam that they are expected to take in May.

NOTE: This course meets the high school graduation requirements for American History, including Arizona history.

NOTE: This is a weighted course NOTE: Enrolled students are expected to take the AP exam in May

GRADE: 11 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

GOVERNMENT

Using inquiry in civics, high school students explore how to become active citizens. To become engaged citizens requires a knowledge of the history, principles, and foundations of our republic. A comprehensive study of civics can be approached from many angles and perspectives with a focus on inquiry. Eight to ten hours of community service will be required.

NOTE: This course meets the high school graduation requirements for American Government, including Arizona government.

NOTE: This course is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 12 LENGTH: Semester
CREDIT: .5

ECONOMICS

Using inquiry in economics, high school students explore the economic reasoning process to make informed decisions in a wide variety of contexts. Economics is grounded in knowledge about how people, institutions, and societies choose to use resources to meet their wants and needs. The study of economics can be approached from many angles and perspectives with a focus on inquiry. NOTE: This course meets the high school graduation requirements for Economic/Free Enterprise.

GRADE: 12 LENGTH: Semester
CREDIT: .5

AP UNITED STATES GOVERNMENT AND POLITICS

This course meets the graduation requirement. It will prepare students to take the Advanced Placement Exams. 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.

NOTE: This course meets the high school graduation requirements for American Government, including Arizona government.

NOTE: Enrolled students are expected to take the AP exam

GRADE: 12 LENGTH: Semester
CREDIT: .5 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. NOTE: This course meets the high school graduation requirements for Economics/Free Enterprise

GRADE: 12 LENGTH: Semester
CREDIT: .5 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 meets the high school graduation requirements for Economics/Free Enterprise
NOTE: This course may also be taken for elective credit.

GRADE: 12 LENGTH: Semester
CREDIT: .5 PREREQUISITE: Placement Criteria

ELECTIVES (Not for Social Studies Credit)

US 2 H (SOHS ACADEMY)

This course focuses on historical research and practical applications of history, with an emphasis on the early American and the development of the Arizona and American West.

GRADE: 10 LENGTH: Year
CREDIT: 1

US 4 H (SOHS ACADEMY)

Students in this course will satisfy the criteria for the Arizona State Seal of Civic Literacy through dedicated coursework, community service and a final civic action capstone.

GRADE: 12 LENGTH: Year
CREDIT: 1 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.

GRADE: 9-12 LENGTH: Semester
CREDIT: .5

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: 9-12 LENGTH: Semester
CREDIT: .5

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 LENGTH: Semester
CREDIT: .5

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 LENGTH: Semester
CREDIT: .5

PSYCHOLOGY 2

This course explores the mechanics of the human experience, moving from the biological foundations of the brain to the complex social forces that shape our lives. Students will begin by investigating the Neuron and the biological "wiring" that dictates our responses, moving into the science of Sensation and Perception to understand how we interpret the world around us. From there, the course shifts to high-interest applied fields, including Motivation and Emotion, Social Influence, and Sport and Performance Psychology.

GRADE: 10-12 LENGTH:Semester
CREDIT: .5

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: 9-12 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 social economic history form the basis of the course within that chronology.

GRADE: 10-12 LENGTH: Year
CREDIT: 1

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 Government

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
CREDIT: 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 or IB MYP Year 4 – 9th Grade 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 WAR II HISTORY

This course examines the complex causes, pivotal events, and enduring legacy of World War II. Students will explore topics such as the Treaty of Versailles, totalitarianism, major battles, the Holocaust, and atomic warfare. Students will gain insight into how World War II continues to shape the modern world. The course emphasizes historical thinking, critical analysis, and empathy.

GRADE: 9-12 LENGTH: Semester
CREDIT: .5

WORLD LANGUAGES

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 LENGTH: Year
CREDIT: 1

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

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 LENGTH: Year
CREDIT: 1

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 LENGTH: Year
CREDIT: 1

FRENCH 1-2 IB MYP HONORS/GIFTED

This advanced level course emphasizes rigorous academic activities involving French language conversation and written expression as preparation for the IB Diploma Programme in the 11th and 12th grades.

GRADE: 9 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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, reading, and writing) 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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. The second semester will concentrate on preparing for the Advanced Placement exam. Enrolled students are expected to take the AP exam.

GRADE: 12 LENGTH: Year
CREDIT: 1 PREREQUISITE: French 5-6 or Placement Criteria

MANDARIN 1-2 H

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

GRADE: 9-12 LENGTH: Year
CREDIT: 1

MANDARIN 3-4 H

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

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Mandarin Chinese 1-2

MANDARIN 5-6 H

This course provides students with daily opportunities to develop all language skills (listening, speaking, reading, and writing) in a rigorous, immersion-based learning environment. Students will participate in a wide range of activities designed to cultivate deep learning and proficiency in Mandarin.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Mandarin Chinese 3-4 H/Mandarin Immersion 3-4 H

MANDARIN 7-8 H

This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. It engages students in an exploration of culture in both contemporary and historical contexts. Curriculum will align to AP themes in order to provide a seamless transition to the AP Chinese Language course the following year.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Mandarin 5-6 H

AP CHINESE LANGUAGE AND CULTURE

This course emphasizes advanced communication by applying interpersonal, interpretive, and presentational skills in real-life situations. It engages students in an exploration of culture in both contemporary and historical contexts. Students will explore AP themes on a 2-year cycle, allowing the course to be taught concurrently with Mandarin Capstone. Enrolled students are expected to take the AP exam.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Mandarin Chinese 7-8 or placement criteria

MANDARIN CAPSTONE H

This course emphasizes advanced communication by applying interpersonal, interpretive, and presentational skills in real-life situations. It engages students in an exploration of culture in both contemporary and historical contexts. Students will explore course themes on a 2-year cycle, allowing the course to be taught concurrently with AP Chinese. Additionally, students will complete a capstone project to benefit the larger community. Enrolled students have the option to retake the AP exam if they desire.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: AP Chinese Language and Culture

MANDARIN IMMERSION 1-2 H (GP, HM)

This immersion-based course is specifically designed for students who have completed an elementary Mandarin Immersion Program. Students will expand their proficiency in Mandarin with a focus on communication and cultural competencies. Students must receive an A or B in order to receive high school credit for this course.

GRADE: 7 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

MANDARIN IMMERSION 3-4 H (GP, HM)

This immersion-based course is specifically designed for students who have completed an elementary Mandarin Immersion program. Students will continue to expand their proficiency in Mandarin with a focus on communication and cultural competencies. Students must receive an A or B in order to receive a high school credit for this course.

GRADE: 8 LENGTH: Year
CREDIT: 1 PREREQUISITE: Mandarin Immersions 1- 2 H

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

SPANISH 1-2 IB MYP HONORS/GIFTED

This advanced level course emphasizes rigorous academic activities involving Spanish language conversation and written expression as preparation for the IB Diploma Programme in the 11th & 12th Grades.

GRADE: 9 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Spanish 1-2

SPANISH 5-6

This course develops interpretative, interpersonal, and presentational communication skills in Spanish at the intermediate level. Students will learn vocabulary and intermediate language structures through conversation and written expression, and will increase their understanding of Spanish-speaking cultures.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Spanish 3-4

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: 9-12 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 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 outlined in the Arizona World and native Languages Standards.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Spanish for Spanish Speakers 1-2 or Placement Criteria

SPANISH FOR SPANISH SPEAKERS 5-6 H

This course is designed for native Spanish speakers. It will emphasize the study of Spanish language literature, news, music, and scholarly articles on the topics of identity, family, education, work, leisure, gastronomy, health and well-being, community, and environment. The course will increase writing and reading skills and strategies, and will include rigorous studies of the culture and geography of Spanish speaking countries.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: Spanish for Spanish Speakers 3-4H 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. The second semester will concentrate on preparing for the Advanced Placement exam. Enrolled students are expected to take the AP exam.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Spanish 5-6 or Instructor Approval

NON-DEPARTMENTAL COURSES

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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Placement Criteria

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

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. This class will provide students with an 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

AP SEMINAR

AP Seminar is a foundational course for gifted and advanced learners that explores complex real-world topics by analyzing them from multiple perspectives. Using an inquiry-based approach, students will develop crucial research, collaboration, and communication skills to synthesize information from diverse sources. In this course students will craft and deliver compelling, evidence-based arguments in research essays and individual and team formal presentations.

GRADE:10-12 LENGTH: Year
CREDIT: 1

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: Students with an IEP or 504 Plan and are in Transition School to Work (TSW) or are being referred for TSW

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: 10-11 LENGTH: Year
CREDIT: 1 PREREQUISITE: Students with an IEP or 504 Plan and are inTransition School to Work (TSW) or are being referred for TSW

CHANGE THE WORLD GIFTED CAPSTONE

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

GRADE: 12 LENGTH: Year
CREDIT: 1 (may enter at the semester)

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

GIFTED SEMINAR H

This course is designed to provide a series of opportunities for gifted learners to understand how the gifted mind works, explore areas of interest, develop selected skills, and reflect on the learning process. These opportunities allow academic pursuit in greater depth, in different formats, and/or across interdisciplinary lines. The course covers a series of experiences including, but not limited to individual or small group projects, whole-class studies, Socratic discussion, guest speaker presentations, field trips, development of leadership skills, etc.

GRADE: 9-12 LENGTH: Semester
CREDIT: .5 PREREQUISITE: CogAT scores in 90+ percentile in any category

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.

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 LENGTH: Year
CREDIT: 1 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: Interview

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

STRATEGIC LEARNING LAB

This course is a dual-purpose learning environment designed to provide students with structured support and time necessary to recover credits while developing the essential habits of successful learners. This course is an active instructional environment where students are expected to make consistent progress in their online credit-recovery program curriculum while meeting specific study skills standards. Note: Students must remain in the Strategic Learning Lab for the entirety of the semester to be eligible for the elective credit. Early completion of the online recovery course does not automatically grant credit for the Strategic Learning Lab portion if the student exits the course before the term ends.

GRADE: 11-12 LENGTH: Semester (Repeatable up to 4 semesters or 2.0 credits)

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

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 LENGTH: Year

CREDIT: 1 PREREQUISITE: Elected to Office

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

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 LENGTH: Year

CREDIT: 1 PREREQUISITE: IEP or 504 Placement

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 LENGTH: Semester

CREDIT: .5 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: 9 - 12 LENGTH: Year

CREDIT: 1 PREREQUISITE: IEP or 504 Placement

WORK EXPERIENCE

This course is supervised work experience with a minimum of 5 hours per week in a paid 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

Aspire – Deer Valley's Online Academy

dvusd.org/Aspire

Welcome Online Learners,

Aspire-Deer Valley's Online Academy is Deer Valley Unified School District's 7th-12th grade online school, serving both full-time and part-time students. Aspire provides students with flexible, rigorous online learning taught by certified DVUSD teachers while maintaining access to academic support, school activities, clubs, counseling, and other opportunities within the DVUS community. Aspire currently serves grades 7-12 and offers more than 00 high school course options

Full-Time Enrollment

Students in grades 7-12 may enroll in Aspire as their full-time school through DVUSD's Open Enrollment process. Full-time Aspire students complete their academic program through Aspire and remain eligible to earn a DVUSD diploma upon meeting graduation requirements. There is no tuition for students enrolled full-time at Aspire

Part-Time Online Courses

DVUSD high school students may also take Aspire courses part-time while remaining enrolled at their home high school. Part-time enrollment can provide students with additional flexibility to:

-Complete graduation requirements

-Make room in their schedules for electives, CTE, or other programs

-Get ahead in credits

-Recover needed credits

-Access courses that may not be available at their home campus

Aspire offers core academic courses as well as electives, Honors, Advanced Placement, Dual Credit, CTE, and other course options. Students interested in part-time enrollment should work with their home-campus school counselor, who must approve the course request.

Online Learning Expectations

Aspire courses are delivered through Canvas and require students to actively participate, complete coursework by established due dates, communicate regularly with their teachers, and maintain satisfactory academic progress.

High school courses are primarily asynchronous, allowing students flexibility in when they complete coursework while still following established pacing and assignment deadlines. Aspire teachers provide ongoing academic support, and students may also access in-person assistance through Aspire's Learning Lab at the Innovation Center.

Because Aspire is an Arizona Online instruction school, students are also responsible for documenting required instructional time through MyHours.

In-Person Requirements

Although Aspire is an online school, students should be aware that some in-person participation is required, including designated state and district assessments. Aspire communicates required testing dates and expectations with students and families.

Tuition

There is no tuition for full-time Aspire students.

For DVUSD high school students enrolled part-time, there is currently no tuition for taking 6 or fewer total courses between their home campus and Aspire. Students taking a seventh course are currently subject to a $200 tuition fee per additional course. Summer school tuition is currently $200 per .5-credit course. Fees are subject to change.

Course Information & Enrollment

Students interested in Aspire should speak with their school counselor or visit dvusd.org/Aspire for current course offerings, enrollment information, registration dates, and program expectations.

THE ACADEMY OF CIVIC ENGAGEMENT AND ADVANCED STUDIES

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 and government within a focused, engaging and rigorous four-year program. The students receive a well-rounded, comprehensive college-prep education while being cohorted with peers on the O'Connor High School campus. The program is designed to foster 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 in American history and government in both continental and global contexts. 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 to conduct critical research and analysis to excel in college and career opportunities.

Curriculum and Instruction

- Special emphasis on social studies with high student expectations for both high school and college educational achievements.
- US1: Freshmen explore how human populations, cultures, economics, and politics shape the Earth's surface by taking Advanced Placement Human Geography.
- US2: Sophomores deepen their historical research skills and explore practical applications of history, with a focus on the development of Arizona and the American West.
- US3: Juniors refine their historical thinking skills with Advanced Placement US History.
- US4: Seniors satisfy the criteria for the Arizona State Seal of Civic Literacy through dedicated coursework, community service, and a final civic action capstone.
- Unique program where students are cohorted within their social studies courses each year.
- The general curriculum includes language arts, science, and math, fulfilling all requirements for high school graduation and college entrance requirements.
- Utilization of ***interactive teaching strategies*** includes:
    - **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 skill development in **college-level research and analytical skills,** problem based inquiry, critical reading and writing preparing students for 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.
    - **Technology** integration that includes student electronic portfolios showcasing 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 limited 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 the Academy's club meetings, as well as Model UN, National History Day, National Honors Society and Interact.

Requirements for Academy Certificate

- Complete four years of AP Social Studies courses.
- Complete four years of honors or AP ELA courses.
- Complete honors biology and honors or AP chemistry.
- Meet all other Arizona Academic Standards for graduation.
- Complete additional online US II (historical research) and US IV (civic action) courses.

- Submit an electronic student portfolio for college applications.
- Participate in Academy club meetings and activities.
- Complete all educational and service requirements for the Arizona State Seal of Civic Literacy.

INTERNATIONAL BACCALAUREATE PROGRAM AT BARRY GOLDWATER HIGH SCHOOL

The International Baccalaureate (IB) Programme is an honors program with a comprehensive and rigorous liberal arts curriculum. It is designed for highly motivated students interested in challenging coursework that engages their creative talents, develops critical thought and instills excellent citizenship.

Incoming high school students participate in the International Baccalaureate Middle Years Programme (MYP) which provides 9th and 10th graders the opportunity to develop interpersonal skills while engaging in self-centered learning through our MYP Cohorts. 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 students wishing to pursue the IB Diploma program in 11th and 12 grades are encouraged to complete the IB MYP program.

IB MYP Honor Cohort (MYP)

Students participating in the IB MYP Honors Cohort participate in IB Honors courses in preparation for the IB Diploma Programme. Cohorts of students move together throughout the day for Honors ELA, Honors, Science and Honors Social Studies creating a “School within a School” feel.

Below is a typical IB MYP Schedule:

IB Track	9th (MYP)	10th (MYP)
English	IB ELA 1-2 Honors	IB ELA 3-4 Honors
Language Acquisition	Spanish 1-2 Honors OR French 1-2 Honors	Spanish 3-4 Honors OR French 3-4 Honors
History (Ind. & Societies)	IB World History Honors	IB Government (Semester) AND IB Economics (Semester)
Math	Algebra 1-2 H* Geometry 1-2 H* Algebra 3-4 H*	Algebra 3-4 H Pre-Calculus H
Science	IB Biology Honors	IB Chemistry Honors
***Health/PE Or IB Elective**	*	*
NOTE: *Math, Health and PE can be taken online or in-person over the summer.		

IB Diploma Programme (DP)

The International Baccalaureate Diploma Programme is a future-ready program that builds an inquiring mindset, fosters a desire to learn and prepares students to excel in post-secondary education and career, guiding students to lead meaningful lives. Most Higher Level (HL) courses are two-year courses and provide students with the opportunity to earn college credit/placement at university based on IB Exam Score. Standard Level (SL) courses can be one to two-year courses and prepare students for the rigor of the college coursework and in some content areas provide students with the opportunity to earn college credit/placement at university based on IB Exam Score.

During the junior and senior years, students will take six exams, three at a Higher Level (HL) and three at a Standard Level (SL). 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 interdisciplinary course called **Theory of Knowledge**
- Prepare an Extended Essay (**EE**)* reflecting independent research
- Complete eight learning objectives through extracurricular activities that can be categorized as Creativity, Action, or Service (**CAS**)*

*CAS (Creativity, Action and Service) and the EE (Extended Essay) are completed outside of the school day.
*The cost for the exams is approximately $700.00; students and their families pay the exam fees, which are non-refundable. Tax Credit, Scholarships and exam reductions are available to those families who qualify.

Below is a typical IB DP Schedule:

IB Track	11th (DP)	12th (DP)
English	IB ELA 5-6 Honors HL Year 1	IB ELA 7-8 Honors HL Year 2
Language Acquisition	IB Spanish 5-6H SL Year 1 OR IB French 5-6 H SL Year 1	IB Spanish 7-8H SL Year 2 OR IB French 7-8H SL Year 2
History **(Ind. & Societies)**	IB History of Americas 1st Semester	IB History of Americas 2nd Semester AND 20th Century World HL
Theory of Knowledge **(TOK)**	2nd Semester	1st Semester
Math	IB Math SL Year 1 OR IB Math HL Year 1	IB Math SL Year 2 OR IB Math HL Year 2
Science	IB Biology HL Year 1 OR IB Chem. HL Year 1	IB Biology HL Year 2 OR IB Chem. HL Year 2
IB ELECTIVE	IB Elective SL	

IB Career-Related Programme (CP)

The IB Career-Related Programme (CP) allows students to complete a minimum of 2 Diploma Courses to become ready for the future, allowing students to follow their chosen career pathway while completing two rigorous academic subjects to match their own professional interests. In this program, students will select and complete a CTE Course Track along with the requirement of the CP Core.

Below is a typical IB CP Schedule:

IB Track	11th (CP)	12th (CP)
English	IB ELA 5-6 Honors HL Year 1	IB ELA 7-8 Honors HL Year 2
History (Ind. & Societies)*	IB History of Americas HL 1st Semester OR IB History of Americas SL OR US History OR APUSH OR HIS103/104	IB History of Americas HL 2nd Semester AND 20th Century World HL OR IB History of Americas SL OR AP Government & Politics and Economics
Math	Algebra 3-4 Algebra 3-4 H OR *IB Math SL Year 1	4th Year Math Option OR *IB Math SL Year 2
Personal & Professional Skills (PPS)	2nd Semester	1st Semester
Science*	IB Biology SL OR IB Physics SL	4th Year Science Optional IB Biology SL OR IB IB Physics SL
CTE Program or Pathway	Advanced Construction Tech. Advanced Culinary Arts Advanced Education Professions Advanced Graphic Design Advanced Law Enforcement Advanced Marketing Advanced Media Productions Advanced Software & App Design Advanced Sports Medicine	Construction Technology (TBD) Restaurant Management Education Professions Internship Graphic Design Internship Law Enforcement Cadet Marketing Internship Media Productions Internship Software & App Design Internship Sports Medicine Internship
IB ELECTIVE*	IB Business SL IB Computer Science SL IB Dance SL IB Music SL IB Psychology SL IB Visual Arts IB Theatre	
*Options – CP Students must complete IB ELA and one other IB course in additional to the PPS CP Core requirement and a selected CTE pathway. An IB Language Course such as French or Spanish may be taken as 3rd additional IB course and fulfill Language Development Requirement. Students must be a year or more ahead in math to complete the IB Math SL exam.		

IB Programme Flexibility
Similar to the Advanced Placement program offered by CollegeBoard, students may elect to complete just one or more areas within the IB. This allows for students to receive IB Certificates in these areas when the student fulfills the requirements of the course and also takes the IB Exam. Students who elect to fulfill IB Certificates in any subject area are still eligible to earn college credit/placement based on their IB Exam Score.

Any further information can be found on website: dvusd.org/ib or by calling the IB Coordinator Bridget Romero (623) 445-3072 or email at: bridget.romero@dvusd.org

IB MYP Core Content Course Descriptions

IB ENGLISH LANGUAGE ARTS 1-2 GIFTED/HONORS
This advanced-level course emphasizes the concepts and genres of literature and rhetoric, using a transdisciplinary and inquiry-driven approach. Students will engage in rigorous academic activities as preparation for the IB Diploma Program in the 11th and 12th grades.
Class requires summer reading and projects.

GRADE: 9 LENGTH: Year
CREDIT: 1 PREREQUISITE: IB MYP

IB ENGLISH LANGUAGE ARTS 3-4 GIFTED/HONORS
This advanced-level course emphasizes the concepts and genres of literature and rhetoric, using a transdisciplinary and inquiry-driven approach. 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 LENGTH: Year
CREDIT: 1 PREREQUISITE: English Language Arts 1-2 H

IB WORLD HISTORY GIFTED/HONORS
A rigorous course designed to encourage learners to respect and understand the world around them and equip them with the necessary skills to inquire into historical, contemporary, geographical, political, social, economic, religious, technological, and cultural factors that have an impact on individuals, societies, and environments. The course also requires 4 hours of community service per semester to help develop global awareness. It will also follow the Arizona state World History standards and storyline along with the District curriculum guide for World History.
NOTE: This course meets the high school graduation requirements for World History/Geography and may be taken for elective credit.

GRADE: 9-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: IB MYP

IB US HISTORY GIFTED/HONORS
In this rigorous course, students will motivate students to cultivate their understanding of United States History exploring a variety of people, events, and movements in United States history with a focus on inquiry into the evolution of American democratic principles, changes in society, economic and geographical development and the emergence of the United States as a global power. Special attention will be paid to how Arizona and it's diverse cultures and individuals contribute to United States history from the colonial period through the Cold War. Students will utilize the necessary skills to inquire into historical, contemporary, geographical, political, social, economic, religious, technological, and cultural factors that have an impact. This course also requires 6 hours of community service per semester to help develop global awareness.
NOTE: This course uses the same standards as the district United States History course meeting the high school graduation requirement for American History, including Arizona history.

GRADE: 10-12 LENGTH: Year
CREDIT: 1 PREREQUISITE: IB World History Gifted/Honors

IB BIOLOGY GIFTED/HONORS
The course uses the IB/MYP framework for assessing student proficiency. The course is writing-intensive, and students will use biology as a platform for developing science literacy and thinking skills. Inquiry is at the core of the framework and students will independently and collaboratively investigate phenomena. Although not required as a prerequisite, the course provides an excellent foundation for the DP Program, which offers an opportunity to earn college credits. The course will go in-depth into cell biology, molecular biology, genetics, ecology, and evolution. 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

IB CHEMISTRY GIFTED/HONORS
The course uses the IB/MYP framework for assessing student proficiency. 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 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: IB MYP

***IB 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: 10-11 LENGTH: Semester
CREDIT: .5

IB DP Core Content Course Descriptions

IB LANGUAGE ARTS - LANGUAGE A: LANGUAGE and LITERATURE HL 5-6 YEAR ONE
IB LANGUAGE ARTS - LANGUAGE A: LANGUAGE and LITERATURE HL 7-8 YEAR TWO
In this two-year course sequence, students will learn about the complex and dynamic nature of language and explore both its practical and aesthetic dimensions. They will explore the crucial role language plays in communication, reflecting experience and shaping the world. With its focus on a wide variety of communicative acts, the course is meant to develop sensitivity to the foundational nature, and pervasive influence, of language in the world at large.

GRADE: 11-12 LENGTH: 2 Years
CREDIT: 2 PREREQUISITE: IB Prep Coursework

IB LANGUAGE B - IB FRENCH B SL 5-6 YEAR ONE
IB LANGUAGE B - IB FRENCH B SL 7-8 YEAR TWO
Students will refine their existing language skills through the analysis of 20th century literature and creative oral and written activities including an Oral Recorded External Assessment to be provided directly to the IB for evaluation.

GRADE: 11-12 LENGTH: 2 Years
CREDIT: 2 PREREQUISITE: IB Prep Coursework

IB LANGUAGE B - IB SPANISH B SL 5-6 YEAR ONE
IB LANGUAGE B - IB SPANISH B SL 7-8 YEAR TWO
Students will refine their existing language skills through the analysis of 20th century literature and creative oral and written activities including an Oral Recorded External Assessment to be provided directly to the IB for evaluation.

GRADE: 11-12 LENGTH: 2 Years
CREDIT: 2 PREREQUISITE: IB Prep Coursework

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) LENGTH: 1 Year
CREDIT: 1 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: 11(Semester 1) & 12 (Semester 2) LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB Prep Coursework

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) LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB PREP Coursework, IB Diploma Candidate

IB MATHEMATICS SL (CALCULUS AB) YEAR ONE
IB MATHEMATICS SL (CALCULUS BC) YEAR TWO

This is a two-year course sequence encompassing PreCalculus H, Calculus AB and Calculus BC, offering a more in-depth study of Analysis and Approaches focusing on practical application of concepts and techniques. Coursework will include functions, trigonometry, vectors, complex numbers, statistics and calculus. This course is part of the IB Diploma Programme. IB requires an internal assessment of a mathematical investigation and two written examinations to complete the course work. This course is recommended for students planning to engage in university studies requiring higher level math, such as chemistry, economics, and business education.

GRADE: 11-12 LENGTH: 2 Years
CREDIT: 2 PREREQUISITE: Pre-Calculus H

IB MATHEMATICS HL (CALCULUS AB) YEAR ONE
IB MATHEMATICS HL (CALCULUS BC) YEAR TWO

This is a two-year course sequence encompassing PreCalculus H, Calculus AB and Calculus BC, includes a study of Differential and Integral Calculus with applications, plus series and differential equations. Coursework will include functions, trigonometry, vectors, complex numbers, statistics and calculus, differential equations, and an emphasis on modeling. This course is part of the IB Diploma Programme. IB requires an internal assessment of a mathematical investigation and three written examinations to complete the course work. 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: 11-12 LENGTH: 2 Years
CREDIT: 2 PREREQUISITE: AP Calculus AB

IB BIOLOGY HL YEAR ONE
IB BIOLOGY HL YEAR TWO

This course is taught at the college level and is offered as a two-year block. Students follow a common core syllabus and complete an independent, internal assessment (IA). Core topics include: Molecular Biology, Cell Biology, Genetics, Metabolism, Ecology, Evolution, and Physiology. Additional topics in HL include: Plant Biology, and expansions in Genetics, Evolution, Metabolism, and Physiology. The course is ideal for students interested in careers in the Life Sciences. A practical approach to the course delivery is emphasized through both short-term and long-term experiments and investigations. IB assessments are externally moderated.

GRADE: 11-12 LENGTH: 2 Years
CREDIT: 2 PREREQUISITE: IB Prep MYP Coursework, Biology H / Chemistry H

IB CHEMISTRY HL YEAR ONE
IB CHEMISTRY HL YEAR TWO

This two-year course is taught at the college level and is offered as a two-year block. Topics covered include quantitative chemistry, atomic structure, periodicity, bonding, energetics, kinetics, equilibrium, acids and bases, oxidation-reduction reactions, organic chemistry, and measurement and data processing. One additional optional topic of materials chemistry, energy, biochemistry, or medicinal chemistry is also covered. 180 hours of theory and 60 hours of practical work. IB assessments are externally moderated.

GRADE: 11-12 LENGTH: 2 Years
CREDIT: 2 PREREQUISITE: Chemistry H

IB DP Elective Course Descriptions

IB BIOLOGY SL

This course is taught at the college level and is offered as a one-year block course. Core topics include Molecular Biology, Cell Biology, Genetics, Metabolism, Ecology, Evolution, and Physiology. This course is ideal for students interested in careers in the Life Sciences. A practical approach to the course delivery is emphasized through both short–term and long-term experiments and investigations. The IBO externally moderates IB assessments.
NOTE: This is a weighted course.

GRADE: 11-12 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: Biology Honors

IB BUSINESS MANAGEMENT SL

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 the 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.
NOTE: This is a weighted course.

GRADE: 11-12 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: Marketing

IB CHEMISTRY SL YEAR ONE
IB CHEMISTRY SL YEAR TWO
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, energetics, kinetics, equilibrium, acids and bases, oxidation-reduction reactions, organic chemistry, and measurement and data processing. One additional optional topic of materials chemistry, energy, biochemistry, or medicinal chemistry is also covered. 110 hours of theory and 60 hours of practical work.
NOTE: This is a weighted course

GRADE: 11-12 LENGTH:2 Years
CREDIT: 2 PREREQUISITE: Chemistry H

IB COMPUTER SCIENCE SL
2 Sem. — 1 Practical Arts/Elective Credit
This course explores fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The course, underpinned by conceptual thinking, draws on a wide spectrum of knowledge, and enables and empowers innovation, exploration and the acquisition of further knowledge. During the course, the student will develop computational solutions through experimental science procedures. The student selects one of four options as an area of focus: databases; modeling and simulation; web science; or object-oriented programming.
NOTE: This is a weighted course.

GRADE 11-12 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB Registration

IB COMPUTER SCIENCE HL
2 Sem. — 1 Practical Arts/Elective Credit
This two year course expands on standard level computer science knowledge by analyzing further topics, such as abstract data structures, resource management, and control. The student will research and develop more advanced computational solutions for their option selected in the standard level course. There will be an additional externally assessed component based on a pre-seen case study of an organization or scenario. This requires students to research various aspects of the subject-which may include new technical concepts and additional subject content, in greater depth.
NOTE: This is a weighted course.

GRADE 11-12 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB Computer Science SL

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 analytical skills are mutually developed. Students are provided with an arts and humanities orientation to dance. Some IB Assessments are externally moderated.
NOTE: This is a weighted course.

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.
NOTE: This is a weighted course.

GRADE: 11 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB Prep coursework

IB PHYSICS SL
This course is taught at the college level and is offered as a one-year elective course. This course is intended to promote concept-based learning and teaching that can be connected through three concepts: energy, particles, and forces. This course is ideal for students interested in careers in the Engineering field. A practical approach to course delivery is emphasized through both short-term and long-term experiments and investigations. The IBO external moderates IB assessments.
NOTE: This is a weighted course.

GRADE: 11-12 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: Biology Honors and Chemistry Honors

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. This course includes the study of Biological, Cognitive and Socio Cultural Perspectives, as well as Abnormal Psychology. In addition, the students will replicate a research experiment as part of their Internal Assessment.

NOTE: This is a weighted course.

GRADE: 11 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB Prep coursework

IB PSYCHOLOGY HL

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. This course includes the study of Biological, Cognitive and Socio Cultural Perspectives, as well as Abnormal Psychology. In addition, the students will replicate a research experiment as part of their Internal Assessment.

NOTE: This is a weighted course.

GRADE: 12 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB Psychology SL

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.

NOTE: This is a weighted course.

GRADE: 11-12 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB Prep Coursework

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.

NOTE: This is a weighted course.

GRADE: 11 LENGTH: 1 Year
CREDIT: 1 PREREQUISITE: IB Prep coursework/Theatre 3-4

Additional IB Non-Credit Opportunities

EXTENDED ESSAY (EE)

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
CREDIT: NONE PREREQUISITE: IB Prep coursework

CREATIVITY, ACTIVITY, 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: Continuous throughout 11th & 12th Grades
CREDIT: NONE PREREQUISITE: IB Prep coursework

IB PERSONAL AND PROFESSIONAL SKILLS (PPS - CP)

This course is designed to develop IB Career-Related Program students' critical thinking, intercultural understanding, communication, and personal development. Approaches to Learning (ATL skills) introduced in this course aims to challenge students to draw on personal resources and skills from their career-related field of study to engage critically with the world around them. The topics addressed in ATL will be about ethical dilemmas, deductive and inductive reasoning, culture shock, academic honesty, and emotional intelligence. The personal professional skills course will also dedicate time to the in-depth work on the Reflective Project. The Reflective Project requires students to identify, analyze, critically discuss and evaluate an ethical dimension of an issue stemming from their career-related studies. This course is required for students seeking the IBCP certificate. **NOTE: This is a weighted course.**

GRADE: 11-12 LENGTH: 2 Semesters
Elective Credit: 1 PREREQUISITE: IB CP Application

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, ^{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

CREDIT: NONE PREREQUISITE: IB Prep coursework

THE BILINGUAL IB DIPLOMA

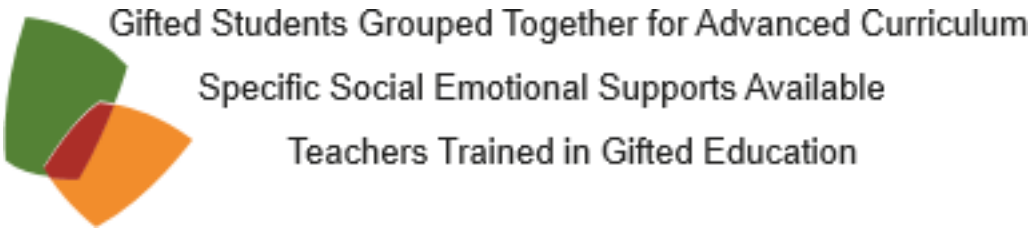
Bilingual IB diplomas are awarded to candidates who successfully present one of the two options below:

- 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.

Deer Valley Unified School District 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 *as well as additional support* for their learning, social, and emotional needs.

Deer Valley Gifted Services works with 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. 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.



For the unique gifted services offered at each school please visit our website www.dvusd.org/hsgifted

DEER VALLEY
Unified School District

HIGH SCHOOL FOUR-YEAR PLAN

Name _____ ID# _____ Home Campus _____

Post Secondary Plan

- ☐ Apprenticeship/Internship
- ☐ Career/Technical
- ☐ Community College
- ☐ Military
- ☐ University

Career Pathway _____

Graduation Requirements

- ☐ 4 credits English Language Arts
- ☐ 4 credits Mathematics
- ☐ 3 credits Science (one must be Biology)
- ☐ 1 credit World History
- ☐ 1 credit American/AZ History
- ☐ .5 credit US Gov & .5 credit Economics
- ☐ .5 credit Health & .5 credit P.E.
- ☐ 1 credit CTE or Fine Arts
- ☐ 6 credits of Electives

***22 credits** required to graduate*
*Passing score on **Civics Exam** required to graduate*

Freshman Year (9th Grade)

	Semester	Semester
☐ Eng Lang Arts	_____	_____
☐ Mathematics	_____	_____
☐ Lab Science	_____	_____
☐ PE/Health	_____	_____
☐ Elective	_____	_____
☐ Elective	_____	_____

Alternative Selection _____
Alternative Selection _____

Sophomore Year (10th Grade)

	Semester	Semester
☐ Eng Lang Arts	_____	_____
☐ Mathematics	_____	_____
☐ Lab Science	_____	_____
☐ World History	_____	_____
☐ Elective	_____	_____
☐ Elective	_____	_____

Alternative Selection _____
Alternative Selection _____

Junior Year (11th Grade)

	Semester	Semester
☐ Eng Lang Arts	_____	_____
☐ Mathematics	_____	_____
☐ Lab Science	_____	_____
☐ Am/Az Hist	_____	_____
☐ Elective	_____	_____
☐ Elective	_____	_____

Alternative Selection _____
Alternative Selection _____

Senior Year (12th Grade)

	Semester	Semester
☐ Eng Lang Arts	_____	_____
☐ Mathematics	_____	_____
☐ Gov/Econ	_____	_____
☐ Elective	_____	_____
☐ Elective	_____	_____
☐ Elective	_____	_____

Alternative Selection _____
Alternative Selection _____