



Deer Valley
Unified School District
2013-2014

Academic Planning Guide

Barry Goldwater High School
Boulder Creek High School
Deer Valley Crossroads
Deer Valley eSchool
Deer Valley High School
Mountain Ridge High School
Sandra Day O'Connor High School

Mission Statement:

"The Deer Valley Unified School District, in partnership with families and the community, will ensure that all students graduate with the knowledge, skills, and habits needed for success."

TABLE OF CONTENTS

POLICIES AND PROCEDURES	PAGE/PAGES
Registration Requirements	4
Graduation Information	4
Student Visa Information	4
ECAP Information	4
AIMS Information	4
Transfer of Credits	5
Test Out Procedures	5
University and College Requirements	6
Community College Requirements	6
Early Graduation	6
Report Cards	7
Class Ranking	7
GPA Information	7
Grade Improvement	7
Course Scheduling Information	8-9

SERVICES AVAILABLE	
Counseling Services	9
English Acquisition Services	9
Homebound Services	9
Special Education Services	9
Translation Services	9

PROGRAM OPPORTUNITIES	
Academy of American Studies	9, 46
Advanced Placement Courses	9
Certificate of Academic Distinction	9
Certificate of Global Studies	10
College Dual Enrollment	10, 11
Deer Valley Crossroads	10
Deer Valley eSchool	10, 44-45
Honors Program	10
International Baccalaureate	10, 47-50

COURSE OFFERINGS	
Aerospace Science	12
Career and Technical Education	13-24
Departmental Courses and Electives	24-43
Arts – Visual and Performing	24-29
English Language Arts	29-31
Mathematics	31-33
Physical Education	33-35
Science	35-37
Social Studies	37-39
World Language	40-41
Non-Departmental Courses	42-43
International Baccalaureate Courses	47-50

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Deer Valley Unified School District

Dear Student:

The Deer Valley Unified School District staff is committed to providing you with a quality high school education which prepares you for any number of post-secondary options, including choices for college and career. The course selection decisions you make, along with your parents/guardians and school counselor, are important for your future.

This guide contains information on graduation requirements, post-secondary admission requirements for Arizona universities, and the descriptions of course offerings that will enable you to reach your future goals. In addition to the traditional high school course of study, examples of specialized programs and endorsements include the International Baccalaureate Program, Advanced Placement courses, Dual-Enrollment courses, and Career and Technical Education courses. There are also opportunities through the eSchool program to complete coursework electronically.

Setting goals, monitoring your progress toward graduation, and focusing on attaining your goals are important for your success. These four years of high school will pass quickly, and I urge you to take advantage of the resources available to you -- your parents, your teachers, friends and mentors -- in reaching your goals for high school and the future.

We are excited that you are part of the Deer Valley school system. You, your family, and the Deer Valley Staff are an educational team who can work together for your academic and future career success.

Sincerely,

A handwritten signature in black ink that reads "James R. Veitenheimer".

Dr. James R. Veitenheimer
Superintendent



Deer Valley Unified School District

VISION OF LEARNING

All Deer Valley Unified High Schools have full accreditation from North Central Association through its parent organization AdvancEd. Each school provides a program of excellence that instills students with confidence in their strengths and abilities in preparation for graduating with the knowledge, skills and attitudes needed for success in a global world.

BARRY GOLDWATER HIGH SCHOOL

2820 West Rose Garden Lane | Phoenix, Arizona 85027
(623) 445-3000
Dr. Mike Andersen, Principal

Students graduating from Barry Goldwater High School (BGHS) have a significant edge in post secondary opportunities. Unique and rigorous approaches to learning include; the prestigious International Baccalaureate Diploma program, the Senior Institute, a state of the art Culinary Arts program, honors and advanced placement (AP) courses, as well as a full complement of elective and core classes serving the needs of each student. Students will satisfy prescribed exit outcomes leading to a strong foundation for success in the 21st Century.

BOULDER CREEK HIGH SCHOOL

40404 N. Gavilan Peak Parkway | Anthem, Arizona 85086
(623) 445-8600
Lauren Sheahan, Principal

The Boulder Creek High School (BCHS) community provides a learning environment with rigorous academic opportunities for all students to graduate as productive and responsible citizens. We believe in the potential of all students. Students will have opportunities to take classes at an advanced level in core curricular and elective programs. The Boulder Creek Vision for Learning is to integrate global cultural perspective, embed technology, and increase rigor across the curriculum and across all grade levels. We embed technology to enhance instruction for the digital learner, to access information, to increase depth and complexity of learning outcomes and products. Students will not only graduate with world language skills, but they will also understand the cultural, historical interdependence of a global society.

DEER VALLEY HIGH SCHOOL

18424 North 51st Avenue | Glendale, Arizona 85308
(602) 467- 6700
Barbara Dobbs, Principal

Deer Valley High School (DVHS) develops healthy, responsible students who think critically and are intellectually responsive to an ever changing world. We provide honors, advanced placement (AP), and community college dual enrollment courses as well as Career and Technical Education (CTE) courses throughout our Academies of Activated Learning. Deer Valley High School students are 21st century learners who are fundamentally different from previous generations in the way they think, access information, and apply knowledge. Therefore students will be engaged in authentic learning and assessment tasks that purposefully incorporate technology. Students will interact with the broader community through project-based learning, community collaboration on tasks, and online networking with other students. Our Academies of Activated Learning are: Essential Knowledge (College and University Prep); Health Services (Nursing and Sports Medicine and Rehabilitation); Hospitality and Tourism; Aerospace (Air Force JROTC); Graphic Communications; Marketing, Management, and Entrepreneurship; Performing Arts and Entertainment (Technical Theatre). Upon graduation, our students will be well prepared for the next phase of their lives.

NON-DISCRIMINATION NOTICE

The Deer Valley Unified School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. For any inquiries regarding nondiscrimination policies contact the Superintendent's Department, 20402 N. 15th Avenue, Phoenix, AZ 85027. 623.445.5000. This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age of Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator(s).
Bill Gahn, District Title IX Coordinator, 623-445-4934, bill_gahn@dvusd.org
Dr. Richard Gray, 504 and Title II Coordinator, 623-445-4904, richard.gray@dvusd.org



Deer Valley Unified School District

MOUNTAIN RIDGE HIGH SCHOOL

22800 N. 67th Avenue | Glendale, Arizona 85310
(623) 376-3000
Debra Poulson, Principal

Mountain Ridge High School (MRHS) offers a comprehensive, multi-faceted program of study that is rigorous, relevant, and fosters increased student achievement across the disciplines. Academic opportunities include: a wide array of advanced placement (AP), honors, and dual enrollment courses, diversified offerings in Career and Technical Education, varied courses in the Visual and Performing Arts, a full continuum of Special Education services, as well as a structured system of scaffolding and support offered to students during the school day via designated Academic Prep periods. Mountain Ridge High School’s vision of learning prioritizes technology, math, and science explored in highly interactive classroom settings that establish clear connections between theory and practice and include real world applications. MRHS graduates are purposefully prepared to seamlessly transition into college and/or career pathways and to be ready to meet the rigors and demands of a globally interdependent 21st Century environment.

SANDRA DAY O’CONNOR HIGH SCHOOL

25250 N. 35th Avenue | Phoenix, Arizona 85083
(623) 445-7100
Dr. Bryce Anderson, Principal

Sandra Day O’Connor High School (SDOHS) emphasizes academic achievement in a rigorous, learning environment. The distinctive features of SDOHS include: a strong honors program in all grade levels and in all pertinent courses, advanced placement programs (AP) for students in grades 10-12, opportunities for dual enrollment/college credit across multiple disciplines, a special education program that utilizes an inclusion model, and a commitment to personalization by reaching out to students and making multiple efforts to help students feel connected to the school through the use of a developed mentoring program and personal adult advocates. In addition, Sandra Day O’Connor High School offers state of the art technology, state of the art facilities, and a commitment to create partnerships with parents and community members.

DEER VALLEY CROSSROADS

18400 N. 51st Avenue | Glendale, Arizona 85308
(602) 467-5100
Rob Archer, Program Facilitator

Crossroads is an alternative educational program for students in 7th through 12th grade who have been long-term suspended. The smaller class size allows an opportunity for state certified teachers to incorporate technology, implement project-based learning, create individualized lesson plans and teach to multiple learning styles in order to prepare students to be successful.

DEER VALLEY eSCHOOL

20402 N. 15th Avenue | Phoenix, Arizona 85027
(623) 445-4909
<https://eschool.dvusd.org>
David Mohler, Program Manager

eSchool is a program that gives high school students additional scheduling flexibility in meeting their educational needs. Students can use the program to get ahead or catch up, all in an online environment that is quickly becoming the industry standard in high schools, colleges, and universities nationwide. eSchool also offers students who have failed a course the opportunity to recover the credit through an accelerated online option. For more information about eSchool, please visit <https://eschool.dvusd.org>.

NO DISCRIMINACION AVISO

El Deer Valley Unified School District no discriminar por motivos de raza, color, origen nacional, sexo, discapacidad o edad en sus programas y actividades. Para cualquier consulta sobre política antidiscriminatoria póngase en contacto con el Departamento del Superintendente, 20402 N. 15th Avenue, Phoenix, AZ 85027. 623-445-5000. Este anuncio se proporcionan como requieren el Título VI de la Ley de Derechos Civiles de 1964, la Sección 504 del Acta de Rehabilitación de 1973, el Título IX de las Enmiendas de Educación de 1972, la Ley contra la Discriminación por Edad de 1975, y la Ley de Estadounidenses con Discapacidades de 1990. Preguntas, quejas o peticiones de información adicional en relación con estas leyes se pueden remitir a la autoridad coordinadora(s).
Bill Gahn, Distrito Coordinador del Título IX, 623-445-4934, bill.gahn@dvusd.org
Dr. Richard Grey, 504 del Título II Coordinador, 623-445-4904, richard.gray@dvusd.org

GENERAL INFORMATION

REGISTRATION REQUIREMENTS

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

- Transcript or report card and withdrawal from previous school
- Birth Certificate
- Proof of guardianship (Legal guardians are required to provide the school with proof of guardianship or have filed a petition for appointment of temporary or permanent guardianship).
- Proof of promotion
- Attendance Area verification- proof of current residency required
- AIMS scores required for graduation
- Per ARS 15-872 immunization records must be provided in order for the student to attend school unless the student has provided full disclosure of the requirements for exemption.

STUDENT VISAS

F-1 Student Visa is issued to international students wishing to pursue academic studies in the United States. A student on an F-1 Visa is required to be tested for English Language proficiency upon enrollment if the enrollment forms indicate another language other than English. A student on an F-1 Visa is limited to 12 months of public education and must pay tuition (the full, unsubsidized, per capita cost of providing the education).

J-1 Exchange Student Visa is issued to international students to participate in a program of study specifically designed through the United States Department of State. J-1 Exchange students are not required to participate in the EL exam. J-1 Exchange students are considered Foreign Exchange students and do not pay district tuition.

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

GRADUATION REQUIREMENTS

4 credits of English Language Arts

4 credits of Math

3 credits of Lab Science, one of which must be Biology*

.5 credit of Health

.5 credit of Physical Education

1 credit of World History

1 credit of American/Arizona History

.5 credit of American/Arizona Government

.5 credit of Economics **

1 credit of Career and Technical Education (CTE) or Fine Arts

6 credits of elective courses

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

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

Students must meet "Proficiency" level on all reading, writing and math AIMS tests.

ECAP – EDUCATION AND CAREER ACTION PLAN

An ECAP reflects a student's current plan of coursework, career aspirations, and extended learning opportunities in order to develop the student's individual academic and career goals. Every student in grades 9-12 shall develop an ECAP in consultation with a school counselor and parent or guardian. The student ECAP may be revised throughout high school to ensure that the student has the opportunity to study careers of his/her choice. Parents and students may review their ECAP at www.azcis.intocareers.org

AIMS INFORMATION

Each high school student will be required to take assessments in reading, writing, mathematics and science. The state scores the assessments and determines if each individual student meets proficiency in each area. Students may attempt the state test five times in order to meet proficiency. Students are strongly encouraged to strive to the "exceeds" level on all assessments.

Each school provides multiple interventions to assist students in meeting proficiency. It is highly recommended that students engage in the interventions provided. If the student fails to pass an AIMS required assessment, they will receive a Certificate of Completion in lieu of a High School Diploma.

Arizona Board of Regent's High Honors Tuition Award

Qualified students who graduate from high school in 2013 and beyond will receive a 25% in-state university base tuition scholarship. Students should check with the high school counseling office or the Arizona Department of Education regarding this opportunity.

GED RECIPIENTS

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

TRANSFER OF CREDITS

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

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

A transfer credit may or may not:

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

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

Senior year transfer students must be enrolled in classes that place them on track for graduation and be enrolled throughout both semesters of their graduation year. Students who transfer during the final semester of their senior year must earn two (2) DVUSD credits in order to be eligible for a DVUSD diploma.

Arizona Online Instruction/ High School Course Credit

In the spring of 2011, the Deer Valley Unified School District school board adopted policy regarding Arizona online instruction (AOI). A portion of that policy reads as follows:

“Deer Valley students shall not participate in AOI coursework completed through any company, school or organization which claims to have free tuition”.

In order to provide consistency and alignment to the DVUSD adopted curriculum, no course credit will be accepted from any **free, online** institution other than the DVUSD eSchool program. 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.

Community College Concurrent Enrollment

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

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

Students that are being Home Schooled may participate in sports and/or fine arts classes at a DVUSD school. Registration paperwork is required. Additionally, athletes will be required to complete an Athletic Clearance Packet.

Middle School

Credit may only be issued for high school credit when it appears only on an official high school transcript. The course implemented must utilize the high school curriculum, the assessments and grading criteria of the high school course and all courses must be given a letter grade, which will be posted on the transcript.

North Central Accredited Institutions (AdvancED)

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

Test Out Procedures

The purpose of a test out is to allow students to demonstrate course competencies instead of completing the course. Students who believe they are proficient in a course may request a test out exam up to 10 school days beginning with their first day of class. Students who have begun a course or have taken a course are not eligible to test out. Students may take only one test out exam per academic class. Students who request to test out of a year-long course must complete a test for both semesters. The district does not provide study guides, textbooks, or other types of assistance. Credit will be given, and the student’s transcript will reflect the letter grade earned on the test only if the score is 70% or higher (only passing grades are calculated in the GPA). Once credit is awarded, a student may not take the course. Students should see their school counselor for more information.

UNIVERSITY AND COLLEGE REQUIREMENTS AND TESTING

Arizona University Requirements

Arizona universities require these courses for admission:

- 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 same high school Foreign Language
- 1 credit of high school Fine Arts or a combination of two semesters of high school Fine Arts

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:

- Is a graduate of a high school, which is accredited by a regional accrediting association as defined by the United States Office of Education or approved by a State Department of Education or other appropriate state educational agency.
- Has a high school certificate of equivalency.
- 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.

Testing

It is recommended that students take the SAT and/or ACT the spring of junior year. Information and registration is available at www.collegeboard.com and www.actstudent.org. Registration materials are also available in the counseling office.

The PSAT is a practice test for the SAT. PSAT is the qualifying test for National Merit Scholarship Program that must be taken during the junior year (11th grade). 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 that plan to play athletics in college for a NCAA D-I or D-II level school should review requirements at the NCAA Eligibility Center at www.eligibilitycenter.org. Also, students interested in playing championship sports at NAIA colleges need to register and receive an eligibility determination at <http://www.playnaia.org/>. Any credit recovery or credit improvement course needs to be approved by a counselor.

EARLY GRADUATION

Students planning on early graduation 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. Diplomas will be awarded at the yearly commencement. All final exams must be completed by the end of senior final exam day. Students must pass reading, writing and math sections of AIMS.

Guidelines:

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

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

REPORT CARDS

Official report cards will be issued twice a year. Only the final grade for the first and second semester is entered on the student's official transcript. Students receiving accommodations or modifications to the content may be issued an additional report with the report card.

The marking system is as follows:

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

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 DVUSD math classes taken in 7th and 8th grades will be used for class ranking.
- This proposal applies to class ranking only, not to individual GPA. The individual GPA will continue to include all classes on a student's transcript as currently processed. (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.

GPA INFORMATION

Weighted Courses

In selected subject areas, honor points will be assigned to grades in order to reflect the level of work and performance of the student.

INTERNATIONAL BACCALAUREATE (IB) HONORS (H) ADVANCED PLACEMENT (AP) COURSES are weighted. The following table indicates honor point equivalents. Please note: Transfer grades from another school district will be computed 1 point for either honors courses or regular courses.

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

Note: Colleges and Universities may un-weight grades.

GRADE IMPROVEMENT

THE SCHOOL COUNSELOR MUST BE NOTIFIED PRIOR TO REPEATING A COURSE TO COMPLETE A DUPLICATE COURSE/GPA ACKNOWLEDGEMENT FORM.

Students who fail an AIMS related course must retake the course. Transcripts will reflect the original and repeated course grades. The improved course grade will be the grade of record and will be factored into GPA. It is recommended that students retake all AIMS related courses until a "C" or better is earned. Additionally, 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 improved grade will become the grade of record upon request. **Credit will be given for one course, not both.**

COURSE SCHEDULING INFORMATION

Auditing Courses

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

Course Designation

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

Course Level Placement Changes

Students who request an AP course, IB course, or Honors course are accepting the rigor that come with these advanced academic courses. Once students and parents agree to the requirements, they will be enrolled in an advanced academic course. No level changes will be considered for students in advanced academic classes before the 20th day of class and after the 45th day of class. Only a teacher can recommend students for a placement change in an advanced academic class. The teacher will only consider students for a placement change whose effort is consistent with the expectation yet show limited success in the class.

Students may request a level change from a regular-level course to an honors level course within the first 15 days of the semester, provided there is sufficient data that such a change is merited.

Early Departure and Earned Credit

Under **emergency** situations, students may be allowed to leave school prior to the end of a semester and retain credit. Approval from the Administration must be received at least two weeks prior to the student's last day in school. If approved, it will be the student's responsibility to satisfy all course requirements with administrator/counselor approval.

High School Assessment Attendance

High school students also participate in a Norm Reference Test (Stanford 10) at grade 9 and the Arizona State Standards Based AIMS test. Please note that it is important for students to be in attendance for all assessments.

High School Assessment Schedule

Students participate in state mandated, district and classroom assessments. Students are given semester final examinations in addition to classroom assessments. The semester exams account for 20% of the final semester grade. In some courses the final exams are district-wide, teacher developed criterion referenced tests.

Repeating Courses

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

2-D Port Prep	Chorus	Peer-Facilitator
3-D Port Prep	Communications	Percussion Ensemble
Academic Decathlon H	Concert Band	Performance Dance Ensemble
Academic Lab	Concert Choir	Performance Jazz
Advanced Dance	Dance Ensemble	Piano
Advanced Fitness Center	Dance Fundamentals	Power Training
Advanced Guitar	Intermediate Dance	Stage Production
Advanced Media Productions	Jazz Ensemble	Student Government
Advanced Performance Choir	English Language Arts Lab	Symphonic Band
Advanced Performance Guitar	Learning Center Supplemental	Systematics 5-6
Advanced Performance Theatre	Lifetime Sports	Wind Ensemble
Advanced Physical Ed	Mathematics Lab	Yearbook
AIMS Tutorial	Newspaper	

Schedule Changes

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

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

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

Student Fees

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

Student Loads

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

Textbook/Materials

A charge will be applied if textbooks, materials, library books are lost or damaged.

Withdrawal

Any student (regular or (H), (AP), (IB)) who withdraws from a class after the first fifteen (15) days of the semester, but before the end of the tenth (10) week will receive a grade of WP or WF. Student attends class until the end of the term. Requests for class withdrawals will not be processed after the tenth (10) week of the semester. WP or WF grades will be posted on a student's transcript but not factored into GPA or class ranking. Students who receive a WF will be ineligible for extra-curricular and AIA participation.

SERVICES AVAILABLE

Counseling Services

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

English Acquisition Services

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

Homebound Services

Students who must be absent from school due to extended illness (90 days) may be eligible for homebound instruction with doctor's orders. Homebound packets are available in the nurse's office.

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 American Studies

Academy of American Studies is a Gilder Lehrman Institute of American History affiliate high school. This program of study 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.

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.

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 freshmen year and continue through advanced placement and dual enrollment coursework in their senior year. This program also contains an independent interdisciplinary senior thesis project.

PROGRAM OPPORTUNITIES (continued)

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.

College Dual Enrollment

See page 11 for Dual Enrollment classes offered at the individual campuses. 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.

Deer Valley Crossroads

Deer Valley Crossroads is an educational alternative program that primarily provides services for those students in grades 7-12 that are referred following their long-term suspension hearing.

Crossroads has been designed:

- To promote growth
- To foster student success in school
- To encourage students to return and remain in school
- To provide educational opportunities for students to earn credit
- To provide an environment where students feel good about themselves and others

Crossroads focuses on providing a quality education in the core academic content areas, English Language Arts, Math, Science and Social Studies. Instruction is teacher directed versus self-paced and is aligned with district curriculum and state standards. Students have the opportunity to receive up to three credits per semester. Program hours are from 9:20 am to 3:50 pm Monday through Friday. Crossroads 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.

Deer Valley eSchool

Deer Valley Unified School District offers online courses for students to earn credit towards graduation. Students will communicate with teachers primarily through message boards, discussion boards or phone calls. More information can be found on pages 44-45. See your guidance counselor or visit www.eSchool.dvUSD.org for a course list.

Honors Program

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

International Baccalaureate

International Baccalaureate (IB) is an internationally recognized course of study. It is designed for highly motivated students interested in a rigorous academic program. Students with excellent grades, high test scores, and a strong work ethic are good candidates for IB. This program is offered at Barry Goldwater High School. However, students from the entire Deer Valley Unified School District may attend on open enrollment. Regional transportation is provided. Course information can be found on pages 47-50.

Dual Enrollment Courses

www.maricopa.edu

Community College tuition required.

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

Barry Goldwater High School Dual Enrollment

Advanced IT – Dreamweaver (CIS233DC)	Fundamentals of 2D Auto CAD (CAD100)	Residential Working Drawings (CAD164)
American National Government (POS110)	Graphic Design – Adobe Photoshop (CIS120DF)	Three-Dimensional AutoCAD Modeling (CAD215)
Architectural Drawings (Revit) I (CAD167)	Introduction to Psychology (PSY101)	US History (HIS103/HIS104)
Calculus w/Analytic Geometry I (MAT221)	Owning and Operating a Small Business (MGT253)	Video Production (VPT104)
College Algebra (MAT151)	Plane Trigonometry (MAT182)	Video Technology (TCM102)
Digital Multimedia Introduction (TCM100)	Precalculus (MAT187)	
English Composition (ENG 101/ENG 102)	Principles of Marketing (MKT271)	

Boulder Creek High School Dual Enrollment

College Algebra (MAT151)	General Biology (BIO101)	Introduction to Psychology (PSY101)
College Math (MAT 142)	General Chemistry I and II (CHEM151/152)	Owning and Operating a Sm. Business (MGT253)
Computer Programming (CIS 159/163)	Internet Web Devel: Dreamweaver (CIS233DC)	Plane Trigonometry (MAT182)
Computer Usage and Applications (BPC110)	Internet/Web Devel Level I (CIS133DA)	Precalculus (MAT187)
Drawing I (ART111)	Introduction to Business (GBS151)	Principles of Marketing (MKT271)
Elementary Spanish (SPA101/102)	Introduction to Creative Writing (CRW150)	Survey of Computer Info Systems (CIS105)
English Composition (ENG 101/ENG 102)	Intro to Human Anatomy and Physiology (BIO160)	US History (HIS103/HIS104)
Environmental Science Bio (BIO105)	Intro to Literature (ENH110/111)	Western Civilization (HIS 101/102)
Fundamentals and Intermediate Spanish (SPA111/201)	Introduction to the Professional Office (OAS125)	

Deer Valley High School Dual Enrollment

American National Government (POS110)	Elementary Spanish (SPA101/102)	Introduction to Physics (PHY101)
Calculus w/Analytic Geometry I (MAT221)	Fundamentals of Chemistry (CHEM130)	Introduction to Psychology (PSY101)
Calculus w/Analytic Geometry II (MAT231)	General Chemistry I and II (CHEM151/152)	Introduction to Sociology (SOC101)
College Algebra (MAT151)	General Physics (PHY111/112)	Marine Biology (BIO145)
College Math (MAT 142)	Intermediate French (FRE201/FRE202)	Owning and Operating a Sm. Business (MGT253)
Comp Graphics: Adobe Illustrator (CIS120DB)	Intermediate Spanish (SPA 201/202)	Precalculus (MAT187)
Comp Graphics: Adobe Photoshop (CIS120DF)	Intro to Creative Writing (CRW150)	Principles of Marketing (MKT271)
English Composition (ENG 101/ENG 102)	Intro to Literature (ENH110)	Survey of Computer Info Systems (CIS105)
Elementary French (FRE101/FRE102)	Intro to Human Anatomy and Physiology (BIO160)	US History (HIS103/HIS104)

Mountain Ridge High School Dual Enrollment

College Algebra (MAT151)	Internet/Web Devel Level I (CIS133DA)	Precalculus (MAT187)
College Math (MAT142)	Intro to Creative Writing (CRW150)	Principles of Marketing (MKT271)
Elements of Statistics (MAT206)	Intro to Human Anatomy and Physiology (BIO160)	Introduction to Psychology (PSY101)
English Composition (ENG 101/ENG 102)	Intro to Literature (ENH110/111)	Survey of Computer Info Systems (CIS105)
Environmental Science (BIO105)	Marine Biology (BIO145)	Technical Writing (ENG111)
Geological Disasters and the Environment (GLG110-111)	Owning and Operating a Small Business (MGT253)	US & AZ Constitution (POS220)
Internet Web Devel: Dreamweaver (CIS233DC)	Plane Trigonometry (MAT182)	US History (HIS103/HIS104)

Sandra Day O'Connor High School Dual Enrollment

College Algebra (MAT151)	Intro to Creative Writing (CRW150)	Introduction to Sociology (SOC101)
Elementary Spanish (SPA101/102)	Intro to Human Anatomy and Physiology (BIO160)	Precalculus (MAT187)
English Composition (ENG 101/ENG 102)	Intro to Human Communications (COM100)	Survey of Computer Info Systems (CIS105)
Intermediate Spanish (SPA 201/202)	Introduction to Psychology (PSY101)	US History (HIS103/HIS104)

COURSE OFFERINGS 2013-2014

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

* Denotes a course available through eSchool

Learning Center Content (LCC)

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

AEROSPACE SCIENCE – Air Force JROTC – DVHS and SDOHS (District transportation is available)

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

AEROSPACE SCIENCE 1-2

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

GRADE: 9-12

LENGTH: Year

CREDIT: 1

AEROSPACE SCIENCE 3-4

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

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: ROTC 1-2

AEROSPACE SCIENCE 5-6

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

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: ROTC 3-4

AEROSPACE SCIENCE 7-8

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

Student applications and travel forms are available in the school counseling offices.

The following CTE classes meet the 1 credit graduation requirement.

*** Denotes a course available through eSchool.**

CTE PROGRAM OF STUDY: ACCOUNTING

***ACCOUNTING (MRHS, SDOHS)**

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 a small business using computers, industry software, and hands-on activities. Student Organization: FBLA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED ACCOUNTING (MRHS, SDOHS)

In this course, students will expand upon advanced accounting principles and procedures through business simulations covering accounting tasks and financial analysis. This course is strongly recommended for students planning to major in business in college. Student Organization: FBLA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Accounting

***CTE INTERNSHIP (MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.** 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: ALLIED HEALTH SERVICES

INTRODUCTION TO SPORTS MEDICINE (DVHS, SDOHS)

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. **THIS COURSE DOES NOT MEET THE LAB SCIENCE REQUIREMENT.** Student Organization: HOSA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED SPORTS MEDICINE (DVHS, SDOHS)

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 twenty hours under the supervision of the Certified Athletic Trainer in the training room and after school practices, as well as, work a minimum of one competitive event each month. **THIS COURSE DOES NOT MEET THE LAB SCIENCE REQUIREMENT.** Student Organization: HOSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Introduction to Sports Medicine

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.**

Student Organization: HOSA

GRADE: 12 (minimum 16 years of age)

CREDIT: 1

LENGTH: Year

PREREQUISITE: Advanced Sports Medicine
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: BIOSCIENCE



PRINCIPLES OF THE BIOMEDICAL SCIENCES (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 Biomedical Sciences program and to lay the scientific foundation necessary for student success in subsequent courses. This course meets the requirement for graduation of one Lab Science being Biology (see page 4).

Student Organization: HOSA

GRADE: 9-12

CREDIT: 1

LENGTH: Year

HUMAN BODY SYSTEMS (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 manikin, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries. **THIS COURSE IS PENDING APPROVAL BY ARIZONA UNIVERSITIES IN MEETING THE LAB SCIENCE**

REQUIREMENT. Student Organization: HOSA

GRADE: 10-12

CREDIT: 1

LENGTH: Year

PREREQUISITE: Principles of the Biomedical Sciences

CTE PROGRAM OF STUDY: BUSINESS OPERATIONS SUPPORT AND ASSISTANT SERVICES

***BUSINESS OPERATIONS (BCHS)**

This course prepares students to utilize technology for effectively organizing, preparing, and communicating information. Students will analyze and solve business problems using software applications including word processing, spreadsheet, database, and presentation graphics. Through experiential learning activities, students plan for the uses of time, budgets, supplies, and individual efforts. During this course students will develop critical thinking, applied academic, interpersonal, life management, computer, and leadership skills. Student Organization: FBLA. This course is aligned to BPC 110 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 9-12

CREDIT: 1

LENGTH: Year

ADVANCED BUSINESS OPERATIONS (BCHS)

This course focuses on preparing students for professional employment in an increasingly dynamic, digital, and global environment. Throughout the course, students will continue to develop skills in human relations, communication, critical thinking, time management, technology, and life-long learning. Students will increase understanding of employers' expectations and develop into strong, competent employees and leaders. Student Organization: FBLA. This course is aligned to OAS125 from the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 10-12

CREDIT: 1

LENGTH: Year

PREREQUISITE: Business Operations

***CTE INTERNSHIP (BCHS)**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Business Management & Operations industry. 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. Internship is an eSchool course.** Student Organization: FBLA

GRADE: 12 (minimum 16 years of age)

CREDIT: 1

LENGTH: Year

PREREQUISITE: Advanced Business Operations
(Concurrently or previously taken)

CTE PROGRAM OF STUDY: CULINARY ARTS

CULINARY ARTS (BGHS)

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

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 obtain a Maricopa County Food Handler's card. 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: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Culinary Arts

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.**

Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Culinary Arts

(Concurrently or previously taken)

CTE PROGRAM OF STUDY: DESIGN & MERCHANDISING

INTERIOR ARCHITECTURAL DESIGN (SDOHS)

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 (SDOHS)

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 (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.**

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: DRAFTING & DESIGN TECHNOLOGY

DRAFTING (BGHS)

Students are introduced to reading and interpreting technical drawings and blueprints for buildings and associate sites utilizing manual and Computer Aided Drafting (CAD) techniques. Students will analyze drafting calculations, material estimations, and architectural interpretations. Student Organization: SkillsUSA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED DRAFTING (BGHS)

Students will concentrate on advanced drawing techniques in the areas of two-dimensional and three-dimensional engineering designs. Architectural drafters prepare sketches, drawings and models with technical details using specifications and calculations provided by engineers, surveyors, architects and clients. The use of AutoCAD (Computer Aided Drafting) will be an extensive part of this class.

Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Drafting

***CTE INTERNSHIP (BGHS)**

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

Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Drafting

(Concurrently or previously taken)

CTE PROGRAM OF STUDY: EARLY CHILDHOOD EDUCATION

CHILD DEVELOPMENT (BCHS, MRHS, SDOHS)

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. Student Organization: FCCLA or FEA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED CHILD DEVELOPMENT (BCHS, MRHS, SDOHS)

Students will have an opportunity to 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, first aid, and guidance skills.

Student Organization: FCCLA or FEA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Child Development

***CTE INTERNSHIP (BCHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.**

Student Organization: FCCLA or FEA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Child Development

(Concurrently or previously taken)

CTE PROGRAM OF STUDY: EDUCATION PROFESSIONS

FUTURE TEACHERS' ACADEMY (MRHS)

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

Student Organization: FEA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

ADVANCED FUTURE TEACHERS' ACADEMY (MRHS)

This course continues to prepare students in the field of education. Units emphasize communication, classroom responsibilities, educational issues, and professional development. Students complete their field experience in local elementary schools. **Concurrent enrollment with the CTE Future Teachers' Academy Internship is recommended.** Student Organization: FEA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Future Teachers' Academy

***CTE FUTURE TEACHERS' ACADEMY INTERNSHIP (MRHS)**

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. Must be taken concurrently with the**

Advanced Future Teachers' Academy class. Student Organization: FEA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Future Teachers' Academy

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 (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. Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Introduction to Engineering Design

DIGITAL ELECTRONICS (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 (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

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.**

Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Digital Electronics, Aerospace Engineering or Advanced Engineering (concurrently or previously taken)

CTE PROGRAM OF STUDY: GRAPHIC COMMUNICATIONS

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

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 Creative Suite's design software. Student Organization: SkillsUSA. This course is aligned to CIS120DB/120DF at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

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

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 Creative Suite's design software. Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Graphic Design

ADVANCED GRAPHIC DESIGN (BCHS, DVHS, MRHS)

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 Creative Suite's design software. Student Organization: SkillsUSA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Intermediate Graphic Design

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.**

Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Intermediate Graphic Design /Advanced 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: FCCLA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED HOSPITALITY MANAGEMENT (DVHS)

Students examine the global travel and tourism industry; tourist behavior, tourism's impact on the community, economic implications, marketing, and trends such as eco-tourism. Topics include entrepreneurial characteristics, tourism business ventures, personnel management and feasibility studies. Students are required to obtain a Maricopa County Food Handler's card. Students will participate in Hospitality events hosted during the school year. Student Organization: FCCLA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Hospitality Management

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.**

Student Organization: FCCLA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Advanced Hospitality Management (Concurrently or previously taken)

CTE PROGRAM OF STUDY: INFORMATION TECHNOLOGY

***INFORMATION TECHNOLOGY (BCHS, BGHS, DVHS, MRHS, SDOHS)**

This course introduces computer fundamentals including the basics of internet history, computer evolution, software development, web page development, ethical and safety issues, and current trends in Information Technology (IT). Students will utilize business and industry based software for word processing, information management, and web design. Student Organization: SkillsUSA or FBLA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

ADVANCED INFORMATION TECHNOLOGY (BCHS, BGHS, DVHS, MRHS, SDOHS)

Students will learn concepts of developing web pages using industry standard software. Through real world projects, students prepare content and manage visual elements for web pages. Students will expand their technical knowledge in developing and managing web sites for a variety of business and personal applications. Student Organization: SkillsUSA or FBLA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Information Technology

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Information Technology industry. 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.** **Internship is an eSchool course.**

Student Organization: SkillsUSA 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: LAW, PUBLIC SAFETY AND SECURITY

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, investigations and special enforcement (S.W.A.T., K-9 and DUI), as well as physical training and first-aid procedures. Class meets after school one day a week at **BGHS**. Students must provide their own transportation. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** 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 local and state law, criminal procedures and investigations, crime scenes, follow-up investigations, handling of evidence using technical supervised occupational experience. Class meets after school one day a week at **BGHS**. Students must provide their own transportation. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** Student Organization: SkillsUSA

GRADE: 11-12

LENGTH: Year

HS CREDIT: 1

PREREQUISITE: Introduction to Law Enforcement

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** **Internship is an eSchool course.**

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, MANAGEMENT AND ENTREPRENEURSHIP

***MARKETING (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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.

Student Organization: DECA. This course is aligned to MKT271 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 9-12

LENGTH: Year

CREDIT: 1

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

In this course, students are guided through the preparation of a business proposal. This process begins with an analysis of personal traits, followed by planning the business, management, marketing, and financials. The concepts and principles learned will be combined to develop a business plan. . Students will analyze economic principles fundamental to business success and to prepare for careers. **PASSING THIS COURSE MEETS THE FREE ENTERPRISE/ ECONOMICS GRADUATION REQUIREMENT.** Student Organization: DECA. This course is aligned to GBS151 and MGT253 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Marketing

ADVANCED ENTERTAINMENT MARKETING (SDOHS)

This class provides students the opportunity to apply marketing and management principles for sports, entertainment, travel and tourism, and hospitality businesses through application-based projects. Students will analyze economic principles fundamental to business success and to prepare for careers. **PASSING THIS COURSE MEETS THE FREE ENTERPRISE/ ECONOMICS GRADUATION REQUIREMENT.** Student Organization: DECA

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Marketing

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

This course is a supervised work experience of a minimum of 5 hours per week (paid or unpaid) in a position within the Marketing, Management, and Entrepreneurship industry. 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.** **Internship is an eSchool course.** Student Organization: DECA

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

LENGTH: Year
PREREQUISITE: Advanced Marketing and Entrepreneurship or
Advanced Entertainment Marketing (concurrently or previously taken)

CTE PROGRAM OF STUDY: MULTIMEDIA TECHNOLOGIES/BROADCAST TELEVISION & FILM

***MEDIA PRODUCTIONS (BCHS, BGHS, DVHS, MRHS, SDOHS)**

Students will be introduced to audio/visual and multimedia technology. This hands-on course will work in a digital media computer lab to capture, create and edit video to be used in multimedia projects. Students use script writing, lighting techniques and sound editing to create projects that are used for film, television and internet. Student Organization: SkillsUSA

GRADE: 9-12
CREDIT: 1

LENGTH: Year

INTERMEDIATE MEDIA PRODUCTIONS (BCHS, BGHS, DVHS, MRHS, SDOHS)

This intermediate course provides students real world simulation in multimedia and video broadcast production. 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 is broadcast within the school and district. Student Organization: SkillsUSA

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Media Productions

ADVANCED MEDIA PRODUCTIONS (BCHS, BGHS, DVHS, MRHS, SDOHS)

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. This course is aligned to VPT102 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Intermediate Media Productions

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED.** **Internship is an eSchool course.** Student Organization: SkillsUSA

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

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

CTE PROGRAM OF STUDY: MULTIMEDIA TECHNOLOGIES/GRAPHIC DESIGN

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

Students will study the fundamentals of graphic design through hands-on experience with relevant technology to prepare them for 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 Creative Suite's design software. Student Organization: SkillsUSA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

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

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 Creative Suite's design software. Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Graphic Design

ADVANCED GRAPHIC DESIGN (BCHS, DVHS, MRHS)

Students will 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 Creative Suite's design software. Student Organization: SkillsUSA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Intermediate Graphic Design

***CTE INTERNSHIP (BCHS, BGHS, DVHS, MRHS, SDOHS)**

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. **A STUDENT APPLICATION AND TRAVEL FORM IS REQUIRED. Internship is an eSchool course.**

Student Organization: SkillsUSA

GRADE: 12 (minimum 16 years of age)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Intermediate Graphic Design /Advanced Graphic Design (concurrently or previously taken)

CTE PROGRAM OF STUDY: MULTIMEDIA TECHNOLOGIES/MUSIC & AUDIO PRODUCTION

CONTEMPORARY MUSIC AND SOUND (BGHS)

Students will develop a fundamental understanding of musical instruments and a comprehensive study of music theory. Students will learn the working components of a recording studio utilizing *Pro Tools, Garage Band, and Sibelius*, industry standard software. Students will develop their individual creative process with an emphasis on appropriate use of music technology for both performances and recordings. Topics include live audio and studio production and applying music software applications to enhance students' original works. Public event opportunities may be required as both performers and audio engineers.

Student Organization: SkillsUSA

GRADE: 9-12

LENGTH: Year

CREDIT: 1

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. Students study careers in health services, diagnostic technology, rehabilitation services, administration and patient care. Topics include basic medical terminology, concepts of health and disease, socio-economics of health care, basic emergency first-aid, human anatomy and physiology, interpersonal skills, ethics and legalities, and infection control. Student Organization: HOSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

INTRODUCTION TO NURSING PROFESSIONS (DVHS)

Students will be trained in basic nursing skills and will give direct patient care under the supervision of a registered nurse. Students will be introduced to a variety of health care problems and their treatments. Upon completion students will be qualified to take the Arizona State Board of Nursing Certified Nursing Assistant exam. This class is a 2 hour block. 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: PERFORMING ARTS AND ENTERTAINMENT INDUSTRY

STAGE PRODUCTION (DVHS)

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. Student Organization: SkillsUSA

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Theatre 1-2

ADVANCED STAGE PRODUCTION (DVHS)

Students will apply advanced technical and mechanical skills in the planning, designing and implementation of stage production projects while gaining valuable industry experience. Outside class time is required. Student Organization: SkillsUSA

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Stage Production



www.west-mec.org

Deer Valley Unified School District is a member of West-MEC, a joint technical 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. **West-MEC applications are available online at www.west-mec.org**

CTE PROGRAM OF STUDY: COSMETOLOGY

Cosmetology is a two-year interactive program teaching students the latest techniques in hair, skin and nail care from experienced cosmetology professionals in a state-of-the-art salon setting. Upon completion of the two-year program, students may test to receive a cosmetology license from the Arizona Board of Cosmetology. Enrollment is limited. Students must have completed 10 high school credits, including 2 credits in English before beginning cosmetology training. Students must provide their own transportation. **A West-MEC application and travel form is required. Application and informational sheets are available online at www.west-mec.org or in your high school counseling office.**

GRADE: 11-12 (Priority given to Junior students) LENGTH: 2 years

CREDITS: 6 credits each school year

FEES AND SUPPLIES: \$1,200 for student kit, books and supplies

LOCATIONS: Cutting Edge Style Academy and the North Valley Skill Center

HOURS: Monday - Friday (4 hours per day)

SUMMER SCHOOL: 1 week summer school between year 1 and year 2

CTE PROGRAM OF STUDY: DENTAL ASSISTING

Dental Assisting is a one-year program teaching students the fundamentals of clinical dental medicine and assisting in the dental office. During the course of the program, students will have the opportunity to take the Dental Assisting National Certification exams.

Students must provide their own transportation. **A West-MEC application and travel form is required. Application and informational sheets are available online at www.west-mec.org or in your high school counseling office.**

GRADE: 12 (Senior students only)

LENGTH: 1 year

CREDITS: 4 credits

(3.5 credits earned during the school year, .5 internship credit earned during the summer after graduation)

LOCATION: Rio Salado at Northern (1715 W. Northern Ave., Phoenix, AZ 85021)

FEES AND SUPPLIES: See Program Information Sheet (www.west-mec.org)

HOURS: Monday – Thursday (1:30 – 5:30 p.m.)

CTE PROGRAM OF STUDY: EMERGENCY MEDICAL TECHNICIAN (EMT)

EMT is a one-semester program teaching students basic emergency medical care, including basic life support and first response care. Upon successful completion of the course, students who are 18 years of age or older may take the National Registry Exam to receive EMT certification. Students must provide their own transportation. **A West-MEC application and travel form is required. Application and informational sheets are available online at www.west-mec.org or in your high school counseling office.**

GRADE: 12 (Senior students only)

LENGTH: Semester

CREDITS: 1.5 credits

LOCATION: Glendale Community College Main and Glendale Community College North

FEES AND SUPPLIES: \$50 course fee and textbook costs. Student purchased stethoscope and CPR Barrier Device.

HOURS: Times vary at each location. See Program Information Sheet (www.west-mec.org)

CTE PROGRAM OF STUDY: FIRE SCIENCE

This one-year program is an overview of the application and selection processes used by various fire departments and fire service organizations. Students will learn elements of fire science culture and its affect on personal growth and interpersonal relationships. This course teaches the history and evolution of fire department organization and the role of fire service in the community. Upon completion of the one-year program, students may take the IFSAC (International Fire Service Accreditation Congress) Certification Exam. Students must provide their own transportation. **A West-MEC application and travel form is required. Application and informational sheets are available online at www.west-mec.org or in your high school counseling office.**

GRADE: 11-12

LENGTH: 1 year

CREDITS: 1.5 credits

LOCATION: Glendale Community College Main Campus (6000 W. Olive Avenue, Glendale AZ 85302)

FEES AND SUPPLIES: \$50 course fee and textbook costs.

HOURS: Tuesdays and Thursdays - 1:30 p.m. – 4:30 p.m. Monday and Wednesday - 1:30 p.m. – 4:30 p.m.

CTE PROGRAM OF STUDY: MEDIUM/HEAVY DIESEL TECHNOLOGY

Medium/Heavy Diesel is a two-year program teaching students the maintenance and repair of diesel engines, brakes, suspension and steering, electrical components and hydraulics. Upon successful completion of the two-year program, students may take the ASE Certification Exam. Students must provide their own transportation. **A West-MEC application and travel form is required. Application and informational sheets are available online at www.west-mec.org or in your high school counseling office.**

GRADE: 11-12 (Priority given to Junior students) LENGTH: 2 years

CREDITS: 3 credits each school year

LOCATION: Freightliner, Sterling, and Western Star of AZ - 9899 W. Roosevelt Street, Bldg. B, Tolleson, AZ

FEES AND SUPPLIES: \$60. Course fee and student purchased safety shoes.

HOURS: 1st year (Juniors): Monday through Friday 4:00 p.m. – 6:30 p.m.

2nd year (Seniors): Monday through Friday 1:00 p.m. – 3:30 p.m.

CTE PROGRAM OF STUDY: TRANSPORTATION TECHNOLOGIES

AUTOMOTIVE COLLISION INDUSTRIES

Automotive Collision is a two-year program teaching the basic principles and terminology of the auto body repair industry. This program includes hands-on repair of body damage including: metal work, trim and basic painting, estimating job costs, types of metals and plastic, industry safety components, structural analysis, suspension and drive trains, computer diagnostic systems, and welding used in collision repair. Upon completion of the one-year program, students may test to receive an I-CAR certification. Students must provide their own transportation. **A West-MEC application and travel form is required. Application and informational sheets are available online at www.west-mec.org or in your high school counseling office.**

GRADE: 11-12 (Priority given to Junior students) LENGTH: 2 years

CREDITS: 3 credits each school year

LOCATION: Paradise Valley High School (3950 E. Bell Road, Phoenix, AZ 85032)

FEES AND SUPPLIES: \$60.00 course fee and student purchased safety shoes

HOURS: Monday – Friday (2.5 hours per day) 1:00-3:30 p.m. or 4:00-6:30 p.m.

AUTOMOTIVE TECHNOLOGY

Automotive Technology is a two-year program teaching students automotive engine performance, brakes, steering and suspension and electrical components. Upon completion of the two-year program, students may take the ASE Certification Exam. Students must provide their own transportation. **A West-MEC application and travel form is required. Application and informational sheets are available online at www.west-mec.org or in your high school counseling office.**

GRADE: 11 (Junior students only)

LENGTH: 2 years

CREDITS: 3 credits each school year

LOCATION: Ironwood High School (6051 W. Sweetwater Ave., Glendale, AZ 85304)

FEES AND SUPPLIES: \$60.00 course fee and student purchased safety shoes

HOURS: Monday – Friday (2.5 hours per day)

1st year (Juniors): 1:00-3:00 p.m. or 3:45-6:15 p.m.

2nd year (Seniors): 1:00-3:30 p.m.

AVIATION TECHNOLOGY

This two-year program teaches maintenance and repair of aircraft mechanical systems including, electricity, turbine and reciprocating engines, aircraft finishes, sheet metal, welding, landing gears, hydraulics, propellers and much more. Upon completion of 1,952 hours of training, students 18 years of age or older may take the FAA Airframe and Powerplant certification exam.

Students must provide their own transportation. **A West-MEC application and travel form is required. Application and informational sheets are available online at www.west-mec.org or in your high school counseling office.**

GRADE: 11 (Junior students only)

LENGTH: 2 Years

CREDITS: 6 credits each school year

LOCATION: West-MEC Aviation (6997 N. Glen Harbor Blvd. Glendale, AZ 85307) – Glendale Airport

FEEES AND SUPPLIES: \$500 student fee for FAA books and supplies. Student purchased safety shoes.

HOURS: Year 1 1:20 -5:30 p.m. Monday-Friday

Year 2 1:00-5:10 p.m. Monday-Friday

DEPARTMENTAL COURSES

FINE ARTS

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

VISUAL ARTS

*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.

GRADE: 9-12

LENGTH: Semester

CREDIT: .5

*INTRODUCTION TO ART

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

GRADE: 9-12

LENGTH: Year

CREDIT: 1

CERAMICS 1-2

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

GRADE: 9-12

LENGTH: Year

CREDIT: 1

CERAMICS 3-4

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

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Ceramics 1-2 or Placement Criteria

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: Introduction to Art or Placement Criteria

***2 DIMENSIONAL DESIGN DIGITAL PHOTOGRAPHY**

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

***DRAWING 1-2**

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

DRAWING 3-4

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Drawing 1-2

***PAINTING 1-2**

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Introduction to Art or Placement Criteria

PAINTING 3-4

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Painting 1-2

STUDIO ART 1 (BGHS)

This course is designed for students who are sequentially building their critical thinking skills and techniques in two-dimensional and three-dimensional art. It will provide opportunities for students to explore their abilities to transmit forceful and meaningful ideas in a variety of media while investigating artists from other cultures.

GRADE: 10-12
CREDIT: 1

LENGTH: Year

2-D PORTFOLIO PREPARATION

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

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Intro to Art or Placement Criteria

3-D PORTFOLIO PREPARATION

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

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Intro to Art or Placement Criteria

AP STUDIO ART: DRAWING

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

GRADE: 10-12
CREDIT: 1

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

AP STUDIO ART: 2D DESIGN

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

Enrolled students are expected to take the AP exam.

GRADE: 10-12

CREDIT: 1

LENGTH: Year

PREREQUISITE: 2-D Portfolio or Placement Criteria

AP STUDIO ART: 3D DESIGN CERAMICS

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

GRADE: 11-12

CREDIT: 1

LENGTH: Year

PREREQUISITE: 2-D Portfolio or Placement Criteria

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.

GRADE: 9-12

CREDIT: 1

LENGTH: Year

JAZZ DANCE

This is a beginning/intermediate level dance class emphasizing modern jazz and street jazz dance. This course may be taken concurrently with other dance classes.

GRADE: 9-12

CREDIT: .5

LENGTH: Semester

INTERMEDIATE DANCE

This intermediate level class is a continuation of Dance Fundamentals, using jazz, ballet, tap and modern dance forms.

GRADE: 9-12

CREDIT: 1

LENGTH: Year

PREREQUISITE: Dance Fundamentals or Audition

ADVANCED DANCE

This course is designed to improve the techniques learned in previous classes and introduces higher level routines.

GRADE: 9-12

CREDIT: 1

LENGTH: Year

PREREQUISITE: Intermediate Dance or Audition

DANCE ENSEMBLE

This advanced class is designed to improve techniques and performance abilities learned in earlier classes. All forms of dance will be taught.

GRADE: 9-12

CREDIT: 1

LENGTH: Year

PREREQUISITE: Advanced Dance or Audition

PERFORMANCE DANCE ENSEMBLE

This is a mastery level course where dancers are expected to have exemplary dance technique. Emphasis is placed on choreography and performance.

GRADE: 9-12

CREDIT: 1

LENGTH: Year

PREREQUISITE: Audition

THEATRE 1-2

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

GRADE: 9-12

CREDIT: 1

LENGTH: Year

THEATRE 3-4

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 Instructor Approval

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: Theatre 1-2 or Instructor Approval

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.

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

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
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

ORCHESTRA (SDOHS)

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year

GUITAR 1-2

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year

ADVANCED PERFORMANCE GUITAR

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

GRADE: 10-12
CREDIT: 1

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

MUSIC THEORY

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

GRADE: 10-12
CREDIT: 1

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

AP MUSIC THEORY

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

GRADE: 10-12
CREDIT: 1

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

PIANO (BCHS, MRHS, SDOHS)

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year

CHORUS

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year

CONCERT CHOIR

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Audition

ADVANCED PERFORMANCE CHOIR

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

GRADE: 9-12

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.

GRADE: 9

LENGTH: Year

CREDIT: 1 AIMS related course

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

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

GRADE: 9

LENGTH: Year

CREDIT: 1 AIMS related course

PREREQUISITE: Placement Criteria

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

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

GRADE: 10

LENGTH: Year

CREDIT: 1 AIMS related course

PREREQUISITE: English Language Arts 1-2

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

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

GRADE: 10

LENGTH: Year

CREDIT: 1 AIMS related course

PREREQUISITE: English Language Arts 1-2 H or Placement Criteria

***ENGLISH LANGUAGE ARTS 5-6 #**

This course introduces the literature and documents of America. Students will develop skills in reading, writing, speaking and listening. A research paper and a speech unit are included. This course is aligned to ENH 110/111 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

AP ENGLISH LANGUAGE AND COMPOSITION

This advanced placement course includes a study of rhetoric and composition. Students will develop skills in critical reading and analysis, writing, speaking and listening. Research activities and a speech unit are included. This course prepares students to take the Language and Composition AP exam. Enrolled students are expected to take the AP exam. Class requirements include summer reading and/or projects. This course is aligned to ENG 101/102 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

AP ENGLISH LITERATURE AND COMPOSITION

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

GRADE: 12
CREDIT: 1

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

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

This course studies the comparative themes and literature of the world with an emphasis in British literature. Students will develop skills in reading, writing, speaking and listening. This course also will offer expanded opportunities to learn and practice essay strategies, including sentence/paragraph development. This course is aligned to ENG 101/102 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: English Language Arts 5-6

ENGLISH LANGUAGE DEVELOPMENT (ELD)

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

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

LENGTH: Year
PREREQUISITE: Placement Criteria

ELECTIVES - (Not for English Language Arts Credit)

ENGLISH LANGUAGE ARTS LAB

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

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Placement Criteria

CINEMA STUDIES (BCHS)

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
CREDIT: .5

LENGTH: Semester

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
CREDIT: .5

LENGTH: Semester

JOURNALISM

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year

NEWSPAPER

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Journalism or Placement Criteria

YEARBOOK

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

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Journalism or Placement Criteria

***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 aligned to CRW150 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: Placement Criteria

MATHEMATICS

***ALGEBRA 1-2 #**

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

GRADE: 9-10

LENGTH: Year

CREDIT: 1 AIMS related course

***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 AIMS related course

PREREQUISITE: Placement test or Placement Criteria

***GEOMETRY 1-2 #**

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

GRADE: 9-12

LENGTH: Year

CREDIT: 1 AIMS related course

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 AIMS related course

PREREQUISITE: Algebra 1-2 H or Placement Criteria

***ALGEBRA APPLICATIONS #**

This course includes the study of sequences and series, functions and their inverses, complex numbers and radical, quadratic, rational and exponential functions. Students should be proficient with linear equations and prepared to study math in context.

NOTE: Algebra Applications does not fulfill university admission requirement.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Geometry

***ALGEBRA 3-4**

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

GRADE: 10-12

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.

GRADE: 11-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: Algebra Applications or Algebra 3-4

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

***PROBABILITY AND STATISTICS #**

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

GRADE: 11-12

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

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

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 187 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Placement Criteria

AP CALCULUS AB

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

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

***AP CALCULUS BC**

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

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

ELECTIVES (Not for Mathematics Credit)

MATH LAB

This clinical math lab is reserved for students enrolled in the AIMS related classes. The focus will be to reinforce and practice skills. This clinical course provides the skills to meet math proficiency on AIMS and may be required for students not currently meeting the standards on the math portion of AIMS. Student AIMS results are used to determine proficiency and may determine course placement.

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

PHYSICAL EDUCATION

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

EITHER

RACQUET/ INDIVIDUAL SPORTS (Coed)

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

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

OR

***FITNESS CENTER (Coed)**

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

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

OR

TEAM SPORTS (Coed)

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

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

***HEALTH (Coed)**

Health will provide students with the skills and knowledge to make personal health decisions and maintain a healthy environment. Meets the health portion of the graduation requirement. Required with a physical education core class.

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

GENERAL PHYSICAL EDUCATION (BGHS)

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

GRADE: 9-10
CREDIT: .5

LENGTH: Semester
PREREQUISITE: None

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
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Physician or School Nurse Approval

ADAPTIVE PE

This is a modified physical education class for students with disabilities, designed to meet the graduation requirement.

GRADE: 9-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Intervention Specialist Approval

ELECTIVES (Not for Physical Education Credit)

ADVANCED PHYSICAL EDUCATION (Coed)

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: PE Core class

SYSTEMATICS 1-2 (Coed)

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: None

SYSTEMATICS 3-4 (Coed)

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Systematics 1-2

SYSTEMATICS 5-6 (Coed)

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

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Systematics 3-4

POWER TRAINING (Coed)

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

GRADE: 10-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Systematics 1-2

***ADVANCED FITNESS CENTER (Coed)**

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

GRADE: 10-12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: PE Core class

LIFETIME SPORTS (Coed)

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

GRADE: 10-12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: PE Core class

SCIENCE

***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.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

***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 (see page 4).

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 (see page 4).

GRADE: 9-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Placement Criteria

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.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Placement Criteria

ENVIRONMENTAL SCIENCE (BCHS, DVHS)

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.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology

AP ENVIRONMENTAL SCIENCE (BCHS)

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.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Placement Criteria

AP ENVIRONMENTAL SCIENCE (MRHS)

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.

GRADE: 11-12

LENGTH: Semester

CREDIT: .5

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.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: 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.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Algebra 1-2 and Placement Criteria

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.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Algebra 3-4 and Chemistry or Placement Criteria

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.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology

PHYSICS

This course is a laboratory oriented scientific investigation of mechanics, heat, optics, sound, light, electromagnetism, nuclear energy, and atomic structure.

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Have taken or are concurrently enrolled in Algebra 3-4

PHYSICS H

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

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Algebra 3-4 or Placement Criteria

AP PHYSICS: B

This course is a laboratory oriented scientific investigation of rotational dynamics, frictional forces, applied waves (electromagnetic, optic), nuclear physics, and relativity. Enrolled students are expected to take the AP exam. This course is aligned to PHY 111/112 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: Algebra 3-4 and Physics or Placement Criteria

ASTRONOMY 1-2 (MRHS)

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 science

***MEDICAL SCIENCE (Does not count as an upper level lab science.)**

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

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology

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.

GRADE: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Biology

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

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

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: One year science

SOCIAL STUDIES

US1 H (SDOHS ACADEMY)

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

GRADE: 9

LENGTH: Year

CREDIT: 1

US 2 H (SDOHS ACADEMY)

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

GRADE: 10

LENGTH: Semester

CREDIT: .5

PREREQUISITE: US1 H

US 3 H (SDOHS ACADEMY)

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

US 4 H (SDOHS ACADEMY)

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

GRADE: 12

LENGTH: Semester

CREDIT: .5

PREREQUISITE: US 2 H/AP US History

***WORLD HISTORY**

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

GRADE: 10

LENGTH: Year

CREDIT: 1

***WORLD HISTORY H**

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

GRADE: 10 (9th grade IB only)

LENGTH: Year

CREDIT: 1

PREREQUISITE: Language Arts Placement Criteria

AP WORLD HISTORY

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

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: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: AP or Honors World

AP COMPARATIVE GOVERNMENT AND POLITICS

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course should cover specific countries and their governments. This course is aligned to POS 110 at the community college and may be available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: AP Govt

AP MACRO-ECONOMICS (MRHS)

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

GRADE: 12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Placement Criteria

***LAW IN SOCIETY**

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

GRADE: 11-12
CREDIT: .5

LENGTH: Semester

***SOCIOLOGY**

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

GRADE: 11-12
CREDIT: .5

LENGTH: Semester

***PSYCHOLOGY**

Students will explore such topics as human growth and development, the development of personality and intelligence, principles of learning, frustration and conflict, and personality disturbances and their treatment.

GRADE: 11-12
CREDIT: .5

LENGTH: Semester

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. This course is aligned to PSY 101 at the community college and may be available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

***AMERICAN/ARIZONA HISTORY**

This course will cover American/Arizona history of North American prehistoric cultures through the 21st century. This course is required for graduation. This course is aligned to HIS 103/104 at the community college and is available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 11
CREDIT: 1

LENGTH: Year

AP UNITED STATES HISTORY (SDOHS ACADEMY)

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

GRADE: 11
CREDIT: 1

LENGTH: Year
PREREQUISITE: Placement Criteria

AP MICRO-ECONOMICS

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

GRADE: 12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Placement Criteria

***ECONOMICS**

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

GRADE: 12
CREDIT: .5

LENGTH: Semester

***FREE ENTERPRISE (BCHS)**

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

GRADE: 12
CREDIT: .5

LENGTH: Semester

MODERN AMERICAN HISTORY

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

GRADE: 11-12
CREDIT: .5

LENGTH: Semester

***AMERICAN/ARIZONA GOVERNMENT**

Students will learn how our federal government functions and how it compares with other governments. National and state political parties and elections will be studied, along with our state government and state history. Eight to ten hours of community service will be required. This course meets Arizona State Standards and the graduation requirement. This course is aligned to POS 220 at the community college and may be available for dual enrollment credit at some sites. Community college tuition applies.

GRADE: 12
CREDIT: .5

LENGTH: Semester

AP UNITED STATES GOVERNMENT AND POLITICS

This course meets the graduation requirement. It will prepare students to take the Advanced Placement Exams. Enrolled students are expected to take the AP exam. The course provides the students with an overview and analysis of the principles and practices of the American political and governmental systems. Class requirements may include summer reading, projects and 8 hours of community service.

GRADE: 12
CREDIT: .5

LENGTH: Semester
PREREQUISITE: Placement Criteria

WORLD LANGUAGES

MANDARIN CHINESE 1-2 (BCHS)

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

GRADE: 9-12

LENGTH: Year

CREDIT: 1

MANDARIN CHINESE 3-4 (BCHS)

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

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Mandarin Chinese 1-2

MANDARIN CHINESE 5-6 H (BCHS)

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

GRADE: 10-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Mandarin Chinese 3-4 or Placement Criteria

***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 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 3-4 H

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

GRADE: 10-12

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: 11-12

LENGTH: Year

CREDIT: 1

PREREQUISITE: Spanish 3-4 or Placement Criteria

AP SPANISH LANGUAGE

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

GRADE: 12
CREDIT: 1

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

FRENCH 1-2

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year

FRENCH 3-4

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

GRADE: 10-12
CREDIT: 1

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

FRENCH 5-6

This course reviews and builds upon all grammar taught in the first and second year. Literary works, creative writing and speaking are stressed.

GRADE: 11-12
CREDIT: 1

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

FRENCH 5-6 H

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

GRADE: 11-12
CREDIT: 1

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

FRENCH 7-8 H

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

GRADE: 12
CREDIT: 1

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

A P FRENCH LANGUAGE (BCHS, SDOHS)

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

GRADE: 12
CREDIT: 1

LENGTH: Year
PREREQUISITE: French 5-6 or Placement Criteria

NON-DEPARTMENTAL COURSES

STUDENT AIDES

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

GRADE: 11- 12
CREDIT: .5

LENGTH: Semester

ADVANCED STUDY SKILLS

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

GRADE: 9 - 12
CREDIT: .5

LENGTH: Semester

TRANSITION EXPLORATION

This course will explore career options, individual career preferences, and workplace skills.

GRADE: 9 or 10
CREDIT: 1

LENGTH: Year

PREREQUISITE: IEP or 504 Placement

TRANSITION EXPLORATION: YOUTH TRANSITION PROGRAM (YTP)

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

GRADE: 9 or 10
CREDIT: 1

LENGTH: Year

PREREQUISITE: YTP Participants and 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
CREDIT: .5

LENGTH: Semester

PREREQUISITE: IEP or 504 Placement

TRANSITION SKILLS

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

GRADE: 12
CREDIT: 1

LENGTH: Year

PREREQUISITE: IEP or 504 Placement

TRANSITION SKILLS: YOUTH TRANSITION PROGRAM (YTP)

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

GRADE: 12
CREDIT: 1

LENGTH: Year

PREREQUISITE: YTP Participants and IEP or 504 Placement

LEARNING CENTER CONTENT

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year

PREREQUISITE: IEP

LEARNING CENTER SUPPORT

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year

PREREQUISITE: IEP

PEER-FACILITATOR

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Interview

STUDENT GOVERNMENT

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

GRADE: 9-12
CREDIT: 1

LENGTH: Year
PREREQUISITE: Elected to Office

ACADEMIC DECATHLON H

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

GRADE: 10-12
CREDIT: 1

LENGTH: Year
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
CREDIT: .5-1

LENGTH: Semester/Year
PREREQUISITE: Counselor Approval

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.



Deer Valley Unified School District

eSchool

eschool.dvusd.org

<https://eschool.dvusd.org> · 20402 N. 15th Ave. · Phoenix, AZ 85027 · (623) 445-4926

The DVUSD eSchool program provides online classes to students in grades 9-12. Enrollment is not limited to DVUSD students. eSchool currently offers over 100 semester courses in the areas of math, science, social studies, language arts and electives. For more information on classes, semester dates, and registration information, please refer to our eSchool website at <https://eschool.dvusd.org>.

Who should take an online class?

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

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

eSchool Credentials

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

Semester Dates

Students may register for eSchool up to four (4) weeks prior to the beginning of a semester. Please refer to the eSchool website for exact dates.

Tuition for Fall and Spring Semesters

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

- Enrolled in a public school during the preceding school year
- Currently enrolled in and actively attending an Arizona public school
- Taking fewer than six classes at their home school

For students who do not meet all of the above criteria, a tuition fee of \$150 is required.

Summer Tuition

There is a \$150 fee for all students for each summer school course.

Textbooks

Although most eSchool courses have an online textbook, there are still some courses that require a traditional textbook. Students will be required to pay a deposit on each textbook needed for their class. The book deposit may be refunded in part or in whole depending on the condition of the book when it is returned. No refunds will be given for lost, stolen or damaged books.

Refunds

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

Test Out

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

Audit Classes

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

Credit Recovery Classes

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

Add/Drop

A student may add a class at any time during the Open Registration period by following the registration procedures stated above. The following conditions apply to dropping a class:

- Drop within 15 days of enrollment: the class is cancelled and no grade will be reported to the student's local school.
- Emergencies: Students who drop after the 15th day due to serious illness may be considered for drop without a grade report. This will be determined on a case by case basis.
- Misconduct: A student who engages in inappropriate behavior will be dropped. A current grade percentage and behavior referral will be reported to the local school.
- Lack of Progress: A student who does not maintain class activity for a period of 10 days will be dropped. Each class must be completed by the time limits set or the student will fail. A grade percentage and participation report will be forwarded to the local school.
- Any student (regular or (H), (AP), (IB) who withdraws from a class after the first fifteen (15) days of the semester, but before the end of the tenth (10) week will receive a grade of WP or WF. Requests for class withdrawals will not be processed after the tenth (10) week of the semester.

Assessments

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

Transfer of eSchool Credit

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

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

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

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

Curriculum and Instruction

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

Additional Benefits

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

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

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

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

Affiliated with Gilder-Lehman Institute for American History

Requirements for Academy Certificate

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

INTERNATIONAL BACCALAUREATE PROGRAM AT BARRY GOLDWATER HIGH SCHOOL

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

Curriculum

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

Language A - native language - English

Language B - second language - Spanish or French

Individuals and Societies - History

Mathematics - Precalculus, Calculus

Experimental Sciences - Biology, Chemistry, Physics

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

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

IB Diploma Requirements

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

Complete an inter-disciplinary course called Theory of Knowledge

Prepare an Extended Essay reflecting independent research *

Complete at least 150 CAS hours * extracurricular activities that can be categorized as Creative, Action, or Service.

9th GRADE (IB Prep)

Language Arts 1-2 H

Algebra 1-2 H

Geometry H or Algebra 3-4 H

Biology H

French or Spanish 1-2

World History and Geography H

PE/Health or Elective

10th GRADE (IB Prep)

Language Arts 3-4 H

Geometry H

Algebra 3-4 H or Precalculus H

Chemistry or Chemistry H

French or Spanish 3-4

American History or American History AP

Elective

11th GRADE (IB) *

IB Language Arts 5-6

Algebra 3-4 H, Precalculus H, IB/AP Calculus

IB Biology or IB Physics

IB French or Spanish 5-6

IB History of Americas (semester 1)

IB Theory of Knowledge + (semester 2)

IB Elective

IB Statistical Seminar (optional/non-credit)

12th GRADE (IB) *

IB Language Arts 7-8

Precalculus, IB/AP Calculus AB, IB/AP Calculus BC

IB Biology or IB Physics

IB French or Spanish 7-8

IB Theory of Knowledge + (semester 1)

IB History of Americas (semester 2)

IB 20th Century World History

IB Statistical Seminar (optional/non-credit)

*CAS (Creativity, Action, Service) and EE (Extended Essay) and IB Statistical Seminar are completed outside of the school day.

+ meets district Fine Arts requirement

IB Electives

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

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

INTERNATIONAL BACCALAUREATE PROGRAM AT BARRY GOLDWATER HIGH SCHOOL

IB LANGUAGE ARTS - ENGLISH A1 HL 5-6

IB LANGUAGE ARTS - ENGLISH A1 HL 7-8

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

GRADE: 11, 12

CREDIT: 2

LENGTH: 2 Years

PREREQUISITE: IB Prep coursework

IB LANGUAGE B - IB FRENCH B SL 5-6

IB LANGUAGE B - IB FRENCH B SL 7-8

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

GRADE: 11, 12

CREDIT: 2

LENGTH: 2 Years

PREREQUISITE: IB Prep coursework

IB LANGUAGE B - IB SPANISH B SL 5-6

IB LANGUAGE B - IB SPANISH B SL 7-8

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

GRADE: 11, 12

CREDIT: 2

LENGTH: 2 Years

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)

CREDIT: 1

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework

IB 20th CENTURY WORLD HISTORY HL (YEAR TWO)

Students will prepare in-depth topics 1, 3, and 5, as well as emphasize information concerning Hitler and Nazi Germany:

Topic 1-Causes, Practices and Effects of War; Topic 2-The Rise and Rule of Single Party States; Topic 5-Cold War

GRADE: 12

CREDIT: 1

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework/IB History of Americas

IB PSYCHOLOGY SL

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

GRADE: 11

CREDIT: 1

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework/1 semester Psychology

IB SOCIAL AND CULTURAL ANTHROPOLOGY SL

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

GRADE 11, 12

CREDIT: 1

LENGTH: 1 Year

PREREQUISITE: IB Registration

IB BIOLOGY HL (YEAR ONE)

IB BIOLOGY HL (YEAR TWO)

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

GRADE: 11, 12

CREDIT: 1-2

LENGTH: 1 or 2 Years

PREREQUISITE: IB Prep coursework/Biology H/Chemistry H

INTERNATIONAL BACCALAUREATE PROGRAM AT BARRY GOLDWATER HIGH SCHOOL

IB CHEMISTRY SL

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

GRADE: 11

CREDIT: 1

LENGTH: 1 Year

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

IB PHYSICS HL (YEAR ONE)

IB PHYSICS HL (YEAR TWO)

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

GRADE: 11, 12

CREDIT: 1-2

LENGTH: 1 Year

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

IB MATH STUDIES SL (PRECALCULUS H)

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

GRADE: 11 or 12

CREDIT: 1

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework/Precalculus H

IB MATHEMATICS SL (CALCULUS AB +)

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

GRADE: 11 or 12

CREDIT: 1

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework/Precalculus H

IB MATHEMATICS HL (CALCULUS BC)

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

GRADE: 12

CREDIT: 1

LENGTH: 1 Year

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

IB DANCE SL

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

GRADE: 11, 12

CREDIT: 1 or 2

LENGTH: 1 or 2 Years

PREREQUISITE: IB Registration

IB MUSIC SL

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

GRADE: 11

CREDIT: 1

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework/Instructor approval

IB STUDIO ART SL

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

GRADE: 11, 12

CREDIT: 1 or 2

LENGTH: 1 or 2 Years

PREREQUISITE: IB Prep coursework/Painting/Drawing

INTERNATIONAL BACCALAUREATE PROGRAM AT BARRY GOLDWATER HIGH SCHOOL

IB THEATRE SL

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

GRADE: 11

LENGTH: 1 Year

CREDIT: 1

PREREQUISITE: IB Prep coursework/Theatre 3-4

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 status

EXTENDED ESSAY

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

GRADE: 12

LENGTH: 1 Year

PREREQUISITE: IB Prep coursework

CREATIVITY, ACTION, SERVICE (CAS)

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

GRADE: 11, 12

LENGTH: Diploma - 150 hours outside school day

PREREQUISITE: IB Prep coursework

IB STATISTICAL SEMINAR

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

GRADE 11 or 12

LENGTH: Varied

PREREQUISITE: IB Prep coursework

THE BILINGUAL IB DIPLOMA

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

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

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

Four Year Plan

22 Credits Needed to Graduate

NAME:

ID#:

HOME SCHOOL:

Students must meet proficiency on all AIMS tests

Graduation Requirements

POST-SECONDARY PLAN

Apprenticeship/Internship Military
 Career/Technical University
 Community College

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

FRESHMAN YEAR – 9TH

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

SOPHOMORE YEAR – 10TH

	{SEMESTER}	{SEMESTER}
1. Eng Lang Arts	_____	_____
2. Math:	_____	_____
3. Lab Science:	_____	_____
4. World History:	_____	_____
5. Elective:	_____	_____
6. Elective:	_____	_____
Alternates:		
1.	_____	_____
2.	_____	_____

JUNIOR YEAR – 11TH

	{SEMESTER}	{SEMESTER}
1. Eng Lang Arts:	_____	_____
2. AM/AZ History:	_____	_____
3. Math:	_____	_____
4. Lab Science:	_____	_____
(11 th or 12 th)		
1. Elective:	_____	_____
2. Elective:	_____	_____
Alternates:		
1.	_____	_____
2.	_____	_____
College Bound Students:		
PSAT/NMSQT in October		
SAT/ACT at end of Junior year		

SENIOR YEAR – 12TH

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

NOTES