



2024-2025

HIGH SCHOOL

Course Selection Guide

- General Information
- Signature Programs
- Course Descriptions
- CTE Programs

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Dysart Schools

DYSART HIGH SCHOOL

11425 North Dysart Road
El Mirage, Arizona 85335
(623) 876-7500
Fax: (623) 876-7572

SHADOW RIDGE HIGH SCHOOL

10909 North Perryville Road
Surprise, AZ 85388
623-523-5100
Fax: 623-523-5111

VALLEY VISTA HIGH SCHOOL

15550 North Parkview Place
Surprise, Arizona 85374
(623) 523-8800
Fax: (623) 523-8811

WILLOW CANYON HIGH SCHOOL

17901 West Lundberg Street
Surprise, Arizona 85388
(623) 523-8000
Fax: (623) 523-8097

DYSART UNIFIED SCHOOL DISTRICT

15802 N. Parkview Place
Surprise, Arizona 85374
623-876-7000

GOVERNING BOARD

Chrystal Chaffin
Dawn Densmore
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ADMINISTRATIVE STAFF

Shelley Isai, Ed.D. - Assistant Superintendent for Education
Craig Mussi - Assistant Superintendent for Support Services
Stephen J. Poling II, Ed.D. - Assistant Superintendent for Human Resources
Marydel Speidell - Assistant Superintendent for Business Services

DYSART MISSION/STRATEGIC PLAN

Vision

Power in the preparation... Excellence in the journey... Success for a lifetime...

Mission

The mission of Dysart Unified School District is to create a safe, diversified and engaging learning environment where every student attains academic excellence and is empowered to achieve lifelong success.

Through relevant and challenging curriculum, expanded learning opportunities and collaborative partnerships our students will be

- effective communicators.
- critical and creative thinkers.
- informed problem solvers and decision makers.
- responsible leaders.
- productive citizens.

Adopted: July 13, 2011, LEGAL REF.: Arizona State Constitution, Article XI, Section 1

Strategic Plan

The Dysart Unified School District Strategic Plan provides the district a road map for excellence. The plan, which represents hundreds of hours of true community partnership, outlines goals and objectives which provide a clear direction for the Dysart School District.

The Dysart Strategic Plan addresses four major goals and objectives to drive the district forward down the path for excellence. The four goals include:

GOAL A: Academics

GOAL B: Culture and Leadership

GOAL C: Safety

GOAL D: Resources

The Strategic Plan is a living document that evolves as the district continually tracks, measures and celebrates the successes outlined within the document.

Non-Discrimination

The Dysart Unified School District No. 89 does not discriminate on the basis of race, color, national origin, religion, sex, age, or disability in its programs and activities and provides equal access to the Boy Scouts, Girl Scouts and other designated youth groups. The lack of English language skills shall not be a barrier to admission or participation in the District's programs and activities. This notice is provided as required by Title VI of the Civil Rights Act of 1964; Section 504 of the Rehabilitation Act of 1973; Title IX of the Education Amendments of 1072; the Age Discrimination Act of 1975; and the Americans with Disabilities Act of 1990. Please forward inquiries and requests for additional information regarding these laws to the designated compliance officer:

Compliance Title VI, Title IX: Dr. Jayne Wieferrich, Director of Human Resources, Dysart Unified School District, 15802 N. Parkview Pl., Surprise, AZ 85374 (623) 876-7876

Compliance Title II: Dr. Ashley Longoria, Director of Federal Projects, Dysart Unified School District 15802 N. Parkview Pl., Surprise, AZ 85374 (623) 876-7066

Compliance Section 504: Dr. Corey Montañó, Director of Exceptional Student Services, Dysart Unified School District, 15802 N. Parkview Pl., Surprise, AZ 85374 (623) 876-7985

PROGRAMS AND SERVICES

Counseling

School counselors design and deliver school counseling programs that improve student outcomes. In DUSD, school counseling programs facilitate student development in direct and indirect services including, but not limited to, instruction, consultation and counseling. Students will develop an Educational Career Action Plan (ECAP) using the Major Clarity platform that reflects their plan of coursework, career aspirations and extended learning opportunities

Structured English Immersion (SEI) / English Language Development (ELD)

The SEI/ELD program serves the needs of students whose native language is not English and who have not yet achieved a overall proficiency level of proficiency on the AZELLA. English learners are tested before entry into the program.

Special Education

Students eligible for individual education plans (IEP) have access to all of the courses offered in the general education curriculum. Courses designed to meet the unique needs of special education students have also been developed and are provided for those students who need them. Students receiving special education services complete a course of study that meets graduation requirements as prescribed in their Individual Education Plans. Each plan is evaluated and reviewed annually by the students' multidisciplinary team.

Signature Programs

Each high school offers Signature Courses, which are academic and career-related and which focus on post-secondary opportunities. (Descriptions for these courses may be found at the end of this section.) Enrollment in signature courses falls under the Open Enrollment Guidelines if a student does not live within the school boundaries of that high school. Some signature programs may be available after school for enrollment by students from other campuses. Transportation is not provided for students who are open enrolled.

Open Enrollment

Arizona state law allows students to apply for admission to any state public school based on available classroom space. Any family in Arizona may apply for Open Enrollment into a Dysart school. Open Enrollment applications are approved on a year-by-year basis with no guarantee of continued enrollment. Open enrollment applications are only available online at www.dysart.org. Parents and/or guardians will be notified if the application has been accepted, or denied/wait-listed. We continue to accept open enrollment applications throughout the school year. No Open Enrollment applications will be approved for in-district high school students after the second week of school for the first semester or after the first week of school for the second semester. Students who have submitted applications will be considered in accordance with District Policy Section 5-105 Open Enrollment.

In order to qualify for enrollment, as an open enrolled student, High School students must be enrolled in four credit bearing classes that meet the graduation requirements on the campus they wish to attend.

iSchool

iSchool provides DUSD students with expanded academic options by offering online classes. Through the online class delivery, students from our district have access to classes. All iSchool classes meet the curriculum content standards that are set forth by the Arizona Department of Public Education, and all of our classes meet the recognized quality assurance standards for online learning classes. Students are taught by Dysart's appropriately certified teachers. There are instructors available in the Student Commons on each high school campus throughout the day for student support. Students can attend as full time online students or take various courses in addition to the courses they take on campus. The courses offered are for high school credit. Registration occurs through the counselors. In order to receive iSchool credit the student must receive a 60% or better on the final exam. The final exam must be taken in person with an iSchool instructor. Students may use their handwritten notes may be used on the final exam.

Alternative High School Program

The Dysart Unified School District has an alternative education program. The Sundown Mountain Alternative Education Program is housed at 12397 W. Thunderbird Rd., El Mirage, AZ. 85335. Transportation is available. Students must be referred through their home school. The home school counselor may be contacted for more information. Sundown Mountain offers a selection of courses which enable students to earn their high school diploma.

ADVANCED COURSE LEVELS

Honors Classes*

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.

The International Baccalaureate Program (IB)

Willow Canyon High School offers three different approaches to IB: The Diploma Programme immerses students in a full complement of IB courses. Students who sit for necessary exams and complete required courses could earn the IB Diploma. The Career Programme takes an IB approach to learning for students interested in a career-related education. The Middle Years Programme is designed to introduce students in grades 9 and 10 to an IB education. This program is offered at Willow Canyon High School. Course information can be found on p. (29)

Advanced Placement (AP)

The Advanced Placement Program is offered at all DUSD high schools, offering students college level courses. In Advanced Placement Courses (AP), students can earn college credit by earning qualifying AP exam scores. There is a fee to the College Board of approximately a base fee of \$97 to take the test. There are scholarships and reduced fee waivers available. If your child received a 3 or higher, universities may award college credits. Receiving a 3 or more on the AP exam will also allow student to earn a higher grade in the class.

Pre-AP Program

Every student deserves classroom opportunities to learn, grow, and succeed. The College Board developed Pre-AP® to deliver on this simple premise. Pre-AP courses are designed to support all students across varying levels of readiness. They are not honors or advanced courses. Participation in Pre-AP courses allows students to slow down and focus on the most essential and relevant concepts and skills. Students have frequent opportunities to engage deeply with texts, sources, and data as well as compelling higher-order questions and problems. Across Pre-AP courses, students experience shared instructional practices and routines that help them develop and strengthen the important critical thinking skills they will need to employ in high school, college, and life. Students and teachers can see progress and opportunities for growth through varied classroom assessments that provide clear and meaningful feedback at key checkpoints throughout each course. The Pre-AP Program is designed to give all students the opportunity to learn the foundational knowledge and critical thinking skills they need to achieve their full potential.

AP Capstone Diploma Program

The AP Capstone Diploma program is a college-level program based on two courses—AP Seminar and AP Research—that complement and enhance discipline-specific AP courses.

The program gives students a chance to practice core academic skills that are increasingly valued by colleges. The ability to think independently, write effectively, research, collaborate, and learn across disciplines is essential for success in college, career, and beyond.

AP Capstone was developed in response to feedback from higher education and is easily implemented and flexible. It has the potential to differentiate and transform high schools and their students by elevating the learning environment through a challenging, college-level program with high standards of assessment.

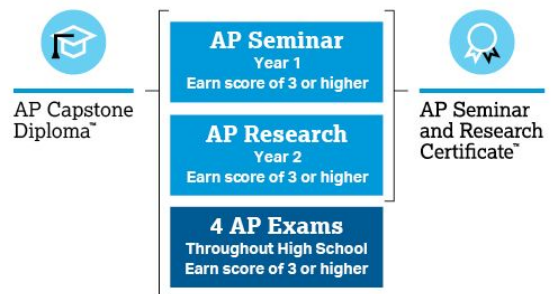
AP Capstone Diploma Criteria

- Score of 3 or higher on AP Seminar Exam
- Score of 3 or higher on AP Research Exam
- 4 Additional AP Exam Scores of 3 or higher

AP Seminar and Research Certificate

- Score of 3 or higher on AP Seminar Exam
- Score of 3 or higher on AP Research Exam

We encourage students to talk to their counselors about the opportunities listed above.



Special Diplomas, and Seals

Honors Diploma

Students interested in receiving the Honors Diploma need to complete the Intent to Apply application by October 1st of their senior year.

To be eligible for the Honors Diploma, students must have:

- 3.5 unweighted cumulative GPA
- 2.0 credits of the same world language
- 4.0 credits of science
- 7.0 credits of Honors, Cambridge, AP and/or IB courses
 - At least 5.0 credits need to be core area courses (ELA, math, science or social studies)
 - Up to 2.0 credits can come from Honors, Cambridge, AP and/or IB Arts, CTE or World Language courses

STEM Diploma

Students interested in receiving the STEM Diploma need to complete the Intent to Apply application by October 1st of their senior year.

To be eligible for the STEM Diploma students must have:

- 2.0 credits for the same World Language
- 2.0 credits of Engineering
- 4.0 credits of Science (3.0 credits must be honors/AP/IB/Cambridge)
- 4.0 credits of Math (3.0 credits must be honors/AP/IB/Cambridge)
 - Engage in a summer STEM experience/ Science Olympiad/ or other STEM related experience approved by school Administration

Dysart is proud to offer extended opportunities for our students. Dysart currently offers the following The Arizona State Board of Education has approved two seals for social studies, one for world languages, and one for arts education. These seals recognize high school students that achieve proficiency in related course work and complete additional examinations along with extracurricular tasks. Students are recognized with a seal to be placed on their diploma.

- [Seal of the Arts](#)
- [Seal of Biliteracy](#)
- [Seal of Personal Finance](#)
- [Seal of Civics Literacy](#)

DUAL ENROLLMENT OFFERINGS

*Dual Enrollment course offerings are dependent upon the campuses having teachers that have met the community college instructor qualifications.

Advanced Photoshop
Anatomy/ Physiology
Biology
Calculus w/Analytic Geometry I
Chemistry I
College Algebra
Commercial Baking Techniques
Computer Graphics: Adobe Photoshop
Culinary Arts
Education Professions
English
Environmental Science
Financial Math
First year Composition I
First year Composition II
French
Healthful Living
Introduction to Education
Introduction to Human Anatomy & Physiology
Introduction to Psychology
Marketing Principles of Sales
Marketing Introduction to Business
Marketing Owning and Operating a Small Business
Medical Foundations
Photo Imaging
Precalculus
Prevention & Treatment of Athletic Injuries
Psychology
Spanish
Sports Medicine: First Aid/ Cardiopulmonary Resuscitation
Sports Medicine: Prevention and Treatment of Athletic Injuries
Sports Medicine: Rehabilitation and Therapeutic Interventions in Sports Medicine
Statistics
Trigonometry
TV and Film Broadcasting
TV Film Broadcasting
U.S. History 1865 to Present
World History

Graduation Requirements

Dysart Unified School District

- English - 4 credits
(English 1-2, 3-4, 5-6, 7-8)
- Math - 4 credits
(Algebra 1-2, Geometry 1-2, Algebra 3-4 and one additional math course that includes significant mathematics content)
- Science - 3 credits
(See chart on page 60)
- Social Studies - 3 credits
(World History, U.S./Arizona History 1-2, U.S. & Arizona Government (.5), Economics (.5))
- P.E./Health - 1 credit*
- Fine Arts or CTE - 1 credit
- Electives - 6 credits*

Total 22 credits**

*P.E./Health credit can be fulfilled by Marching Band, Color Guard, Dance, Show Choir, Introduction to Theater or ROTC courses

**Please Note: All graduation requirements shall be strictly enforced by cohort not by year of graduation.

<https://www.azed.gov/standards-practices/high-school-graduation-information>

***Please Note: Students must pass Civics Test and CPR Requirement in order to graduate.

Arizona Universities

- English - 4 credits
(English 1-2, 3-4, 5-6, 7-8)
- Math - 4 credits
(Algebra 1-2, Geometry 1-2, Algebra 3-4, and one additional math course with Algebra 3-4 as a prerequisite)
- Lab Science - 3 credits
(See chart on page 60)
- Social Studies - 2 credits
(U.S. History and one other)
- Foreign Language - 2 credits
- Fine Arts or CTE - 1 credit

Commencement Participation

A student may not participate in the commencement ceremony until all graduation requirements have been met and the checkout sheet is completed and approved. Fees involved with the commencement program are the responsibility of the student. Participation is optional.

Early/Delayed Graduation

1. "Early Graduation Request" forms are available in the counseling office.
2. Request for sixth semester graduation must be submitted during junior year course selection.
3. Early graduation transcripts may be obtained through <http://www.parchment.com> and will be available upon completion of requirements. The awarding of diplomas will occur quarterly when all graduation requirements have been met. Students failing to meet graduation requirements by the commencement date will not be eligible for early graduation.
4. Students are responsible for communicating with their counselor to assure that all course credits are earned prior to graduation.
5. Transcripts verifying credits completed online or through other outside options must be submitted to the home high school registrar two weeks prior to the graduation date.
6. Students who are Junior early graduates will only be ranked within their current cohort. They will not be ranked within a graduating senior class cohort.

Determining Graduation Year and Diploma Issuance

Students must graduate when they meet the graduation requirements for their cohort (or IEP goals). Students cannot remain in high school beyond the year they meet their graduation requirements.

Students who are concurrently enrolled in multiple schools during their senior year will have their diploma issued by the school that awards the final credit needed to graduate.

Civics Test - Graduation Requirement

The State of Arizona requires students to pass a civics test in order to graduate high school. Students must score at least a 60% or higher on a test civics portion of the naturalization test used by the United States Citizen and Immigration Services. Starting with the Cohort 2026, students will need to earn 70% or higher on the Civics exam.

CPR Requirement

Prior to graduation, student must be provided 1 or more training sessions in cardiopulmonary resuscitation (CPR) or provide a CPR certification card.

COLLEGE PREPARATION

Students planning to attend a university should plan with their counselor to ensure they have the required courses as well as the required exams (normally ACT or SAT) to meet the entrance requirements.

- Rigorous courses have additional value for acceptance.
- Dual enrollment and AP courses are recognized differently.
- ACT or SAT can be taken prior to graduation.

To qualify for Assured Admittance to a state university in Arizona a student must meet one or more of the following criteria:

- Have a 3.0 (B) minimum unweighted grade point average (GPA) in competency courses*
- Rank in the top 25% of his/her high school class
- Achieve a minimum SAT 1 score of 1120
- Achieve a minimum ACT score of 22

In addition, students must have no deficiencies in the required core competency areas. To be considered for admission to a state university in Arizona students must:

- Have a 2.5 (C) minimum unweighted grade point average in competency courses* or rank in the top 50% of their high school class.
- Have no more than one deficiency in two areas, except both not in mathematics and laboratory sciences.
- Have a minimum GPA of 2.0 for each competency area.

* The GPA is calculated using only the 16 core courses. Students should refer to their selected college(s) for further information.

Competency Courses:

- 4 credits of English (English 1-2, 3-4, 5-6, 7-8)
- 4 credits of mathematics (Algebra I, Geometry, Algebra II, Advanced Math for which Algebra II is a prerequisite)
- 3 credits of laboratory science (one unit in at least three of the four areas - biology, chemistry, physics, earth science. An integrated lab science course may be allowed for one (1) of the three (3) required courses. An advanced level course in the last two years can be used for a third unit)
- 2 credits social science (Dysart requires 3 units) - at least one unit in American History
- 2 credits of the same foreign language
- 1 credits of fine arts or any combination of 2 semesters of Fine Arts or CTE

The Dysart School District provides the following testing schedule to allow students the opportunity to participate in career exploration, college entrance, and military and individual goal attainment.

Freshman
ASPIRE

Sophomores
PSAT
EdREADY

Juniors
SAT
PSAT/NMSQT
ASVAB
Az SCI
ACT
EdReady

Seniors
ACT/SAT
ASVAB
EdREADY

STUDENT ATHLETES

Sports in College

Students who plan to play athletics in college for NCAA D-I or D-II level schools 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 courses need to be approved by a counselor. Core courses offered through DUSD iSchool have been approved by the NCAA. However, the NCAA does NOT approve DUSD courses designated as “credit recovery” courses. Potential NCAA athletes should not sign up for any course designated “credit recovery”.

Determining eligibility for an NAIA sports college

Knowing and fulfilling the eligibility requirements will help a student move toward being able to officially complete for an NAIA school. The institution in which a student enrolls is responsible for certifying eligibility.

Meeting eligibility requirements does not guarantee college admission. Eligibility requirements are just one aspect of the college information. Each school has its own admission policies, and a student must still apply for admission.

Amateur eligibility

Engaging in the following activities prior to full-time enrollment will result in the loss of amateur stand:

- Signing a contract with a professional team or entering into an agreement to compete as a professional
- Competing as a professional
- Receiving compensation that exceeds actual expenses (travel, meals, etc.) when competing as an amateur
- Receiving compensation for media appearances that exploit athletic ability or fame
- Receiving compensation to promote products or services
- Entering into an agreement with an agent
- Receiving benefits from an agent

The following activities are generally acceptable as long as certain conditions are met:

- Competing as an amateur either with or against non-amateurs
- Coaching or officiating in amateur or recreation programs

To learn more about the conditions that accompany these activities and to understand the specifics of the amateurism rules, read about the NAIA amateur eligibility requirements at www.naia.org.

Academic Standards

The National Collegiate Athletic Association (NCAA) Eligibility Center verifies the academic and amateur status of all student-athletes who wish to compete in Division I or II athletics. College-bound student-athletes who want to practice, compete and receive athletically related financial aid during their first year at a Division I or II school need to:

- Graduate from high school.
- Complete a minimum of 16 core courses for Division I or II. Earn a minimum required grade-point average in core courses.
- Earn a qualifying test score on either the ACT or SAT.
- Request final amateurism certification from the NCAA Eligibility Center.

For Division I student-athletes prospects must also:

- Earn at least a 2.3 grade-point average in core courses.
- Meet an increased sliding scale standard (for example, an SAT score of 820 requires a 2.5 high school core course GPA).
- Successfully complete 10 of the 16 total required core courses before the start of their senior year in high school. Seven of the 10 courses must be successfully completed in English, math and science.

Prospects that earn between a 2.0 and 2.3 GPA and meet the current sliding scale standard (for example, an SAT score of 1,000 requires a 2.025 high school core course GPA) will be eligible for practice and athletically related financial aid but not competition. Division III college and universities set their own admission standards. The NCAA does not set initial eligibility requirements in Division III.

Please verify that any high school course taken at the K8 level, meets the athletic eligibility of the college you plan to attend and the NCAA Eligibility Center. Students interested in participating in NCAA or NAIA athletics must take four years of mathematics during high school.

CREDIT

Official Transcripts <http://www.parchment.com>

Credits from Cognia Accredited Institutions will be evaluated before credits are entered in the student's course history. Once credit is posted to the transcript, it will not be deleted. Class rank is updated on a continual basis, known as "rolling rank". The current graduating class rank is based on the 7th semester ranking.

College Concurrent Enrollment

Only pre-approved courses may be accepted from college for high school credit. This approval must be done through high school administration. Only courses level 100 and above may be transferred. Students must provide official transcripts to receive credit. The grade earned for the course will apply towards the student's grade point average and class rank.

Credit Minimums

Students must show proof of enrollment in the minimum number of credits needed for graduation. Students should meet with their counselors to complete an Education and Career Action Plan (ECAP) to allow them to meet at least the minimum requirements* for graduation. A total of 22 credits is the minimum required for graduation.

*Prior administrative approval is needed for off-campus community college classes to be included in these minimum credit requirements.

Core Credits Required for Graduation

Students must take any required courses remaining for graduation during their senior year at their home school unless permission is explicitly granted by the principal. This is to ensure that students receive the guidance they need to fulfill course requirements and graduate on time. Students will receive their diploma from the institution that issues their final credit needed for graduation.

Credit Maximums

Additional opportunities may be explored through correspondence courses (correspondence credits limited to four) and/or enrollment in college courses. No more than four credits may be approved at any one time for currently enrolled students. Exceptions may be approved by the home school principal. (Reference: Arizona Administrative Code R7-2-302-02.

Independent Study Credit

Independent study will be under the supervision of the school administration. There is a limit of one course per semester. Prior written approval of the department chair, supervising teacher and the assistant principal is necessary before enrollment. Independent study credit is open only to juniors and seniors holding a G.P.A. of 3.0 or higher in the department from which the course is developed and supervised. An exception to G.P.A., grade level and course selection may be granted by the principal. Honors, Accelerated, AP, and IB courses are not available for independent study. Exceptions may be approved by the principal.

Earning Student Privileges

Students must have the required credits to qualify as a junior or senior to earn the following privileges: parking passes and prom.

NOTE: The National Collegiate Athletic Association does accept Independent Study credit to satisfy eligibility requirements.

CREDIT: TESTING OUT, SPECIAL SITUATIONS

Repeating Courses

Courses that may be repeated for credit are noted in the Course Selection Guide in the course descriptions.

Re-taking Courses for Grade Improvement

Courses designed to be taken once may be retaken. Transcripts for students repeating these courses will reflect all grades earned for that course. Only the highest grade will be used in computing the G.P.A., and credit will be given for the higher grade. Classes that are labeled Credit Recovery (CR) may ensure the student has credit, but may not be accepted by universities.

Distance and Online Education

In addition to traditional methods of course delivery, courses may also be offered through distance education. Distance education is defined as instructional learning arrangements in which the distance education instructor and the student are separated geographically. Instruction is delivered by means of telecommunications technologies such as satellite, microwave, telephone, cable, or fiber optics. The instruction, which may supplement or supplant an entire course, provides for two-way interactive communication between the instructor and the student during the time of the instruction. Communication or interaction occurs through the use of technologies such as voice, video or computer-mediated communications. See credit maximums, p. 13. All Dysart iSchool online classes can be taken for either core or elective credit. As of May 15, 2011, current DUSD students who choose to enroll in online classes outside of the Dysart iSchool program will earn only elective credit. To receive core credit a student may request to take an examination for any core subject completed. Examinations must be taken within 90 calendar days of the request. If the student earns a score that demonstrates competency (70% or higher), the high school will accept the transferred credit as core subject credit.

Testing out for Credit

The following are guidelines for students requesting to test out of (challenge) a course they have not yet taken for credit. This process is intended for courses required for graduation. Students transferring from a charter, private or homeschool situation may choose to test out of any core high school class for credit. However, the principal may allow this process to be used for elective classes if the department chair or teacher of record agrees that the elective course can appropriately be challenged.

1. The student meets with a counselor. This process must be completed within the first ten days of entering the course for continuing students or the first ten days upon enrollment for transferring students. The principal may waive the time requirement if special circumstances exist.
2. The Department Chair will administer the challenge exam and score. This process is expected to be completed within five days of the meeting identified in step one. Students may only challenge a course once; however, they may choose to enroll in the class if they are not happy with the grade that the test would produce on their transcript. It is the responsibility of the department chair to complete the necessary paperwork with the results to the school administration. For challenge exams that are multiple parts (ie. multiple choice and written component/lab), a student must pass each part in order to move forward to take the next part of the exam. A score of 70% or better must be earned on all parts of the exam to earn credit.
3. Students may not test out of a class which is at a lower level than a course they have already completed within a specific department.
4. Student may not test out of weighted courses Honors, AP, or IB Classes.

SCHEDULING PROCEDURES

Registration Process

- A. Students request courses through the course selection process.
- B. Courses with insufficient enrollment are cancelled, and students are given an alternate course selection.
- C. Scheduling conflicts are resolved through alternate course selections.

Schedule Changes

We encourage students to consider the courses they select very carefully during the course selection period. The school master schedule is created after all students have selected their courses and is based on the total number of course requests.

Schedule changes will be considered only in the case of incorrect placement or other valid reasons listed below. Schools cannot accommodate requests to change teachers, with the exception of cases where a student has previously failed a particular teacher's class. When dropping or adding, specific procedures must be followed and will be accommodated based on need or availability.

- A. Valid reasons for schedule changes are:
 - a. Errors appearing on computer schedules.
 - b. Changes needed to meet graduation requirements.
 - c. Failure of a prerequisite course.
 - d. Changes required for the health of student. (Doctor's documentation necessary.)
 - e. Successful completion of accredited course prior to the beginning of the current term.
- B. Parents may appeal a denial for schedule change to the school administration. The decision of the school administration will be final.
- C. Level changes may be considered when recommended by the teacher and approved by the administration.
- D. Administrative changes to balance classes or correct student misplacement will be made as soon as possible.
- E. AP, IB and/or Honors classes cannot be dropped after the first 9 weeks without principal approval.

Late Enrollment

Late enrollment decisions will be reviewed by the school administration.

- Students who enroll after the 10th day of school who do not bring transfer grades, will be placed on audit status for the remainder of the semester.
- Students on audit status may earn credit based on their performance.
- Students who enroll after the 6th week, who do not bring transfer grades, may not be eligible for credit.

A late-start form is required.

GRADE REPORTING

Report Cards/Progress Reports

Official report cards/progress reports are posted on the Parent Portal eight times a year, four each semester. Parents can access the Parent Portal at www.dysart.org. Only the final grades on the first and second semester report cards are recorded on the official transcript.

The district grading scale on report cards reads:

A - 90% B - 80% C - 70% D - 60% F - below 60%

Appeal of Grades

Faculty members are vested with the authority to establish course requirements and standards of performance aligned to District grading guidelines. It is the responsibility of faculty to articulate and communicate course requirements and standards of performance to students at the beginning of each course and apply all grading criteria uniformly and in a timely manner. Final grades submitted by faculty are presumed to be accurate and final. A student, who has questions about a grade received in a course, should seek to resolve the issue by first consulting with the instructor.

Loss of Credit Appeal

Any student who is on audit status or enrolls without transfer grades may petition for a credit appeal.

Grade Point Average (G.P.A.)

Numeric equivalents used to calculate Grade Point Average (G.P.A.) are as follows

Unweighted

(NON Honors/IB/AP)

A = 4 points
B = 3 points
C = 2 points
D = 1 point
F = 0 points

Weighted

(Honors/IB/Pre-AP/AP)

A = 5 points
B = 4 points
C = 3 points
D = 2 point
F = 0 points

The Grade Point Average (G.P.A.) is determined by the sum of the numeric equivalents for the grades divided by the number of grade bearing credits attempted.

Weighted G.P.A. is used only to determine class rank. Unweighted G.P.A. is used for admission to most colleges and universities and for scholarships at in-state schools. Class rank is updated on a continual basis, known as "rolling rank." Class rank for graduation will be based on a student's seventh semester weighted GPA.

Some colleges may exclude classes taken prior to 9th grade from the cumulative GPA.

Once a class is on the high school transcript it cannot be removed.

GRADING GUIDELINES

Grading Guidelines Grades 6-12

The Grading Guidelines provide a framework for teachers to measure and report student mastery of essential concepts. Best practices include measuring student learning in multiple and varied ways in order to calculate valid students' grades. It is critical that student academic attainment be measured, not by the amount of time a student spends on learning, but by the level of attainment in terms of the skills and knowledge that student has mastered.

Assessment:

Assessments in Dysart count for 60% of the total class grade in a course. Assessments may include summative assessments, quizzes, writing assignments, labs, or any rubric-based assignment.

Projects or Collaborative Assignments:

Projects or Collaborative Assignments in Dysart count for 20% of the total class grade in a course. These may include labs, writing assignments, long-term writing projects, research papers, performance-based projects, collaborative projects, or any rubric-based assignment.

In classes that rely more on tests and quizzes, which are not project based, there will not be a project category and assessments will count for 80%. In classes that include more projects, assessments will account for 60% and projects for 20% of the total course grade.

Classwork/Homework:

Classwork and homework are the students' independent practice of skills and concepts learned in the classroom. Classwork/homework will count for 10% of a course grade.

Final Exams:

Finals will count for 10% of a student's grade. Finals measure a student's mastery of all essential content for the semester. Finals may not be retaken. Finals are administered for students in December and May.

Multiple Opportunities to Show Proficiency

Students will have at least one additional opportunity available to show proficiency on given standards on summative assessments. Multiple opportunities are needed so the teacher has clear evidence to determine if the student is proficient in the standard(s). How multiple pieces of evidence are collected is at the discretion of the site grade level team, and should be clearly stated on the website and/or syllabus. Teachers in like courses and/or grade levels may choose a different method to collect evidence of proficiency than was used for the first attempt. Additional evidence of proficiency may come from subsequent exams and override the original grade.

- For example, if a student does not show proficiency in Standard RL1 on Unit Test 1 and the teacher knows this will be reassessed on Unit Test 2, the grade for Unit 2 proficiency would be more recent and override the first grade.

Prior to collecting additional evidence of proficiency, a minimum of one of the following must occur: reteaching, intervention via small group, video instruction and/ or practice at home, tutoring, etc.

Elimination of Non-Research Based Practices

The following will not be factored into grades: Extra Credit, Curving and/ or Group Grades. In addition, grades will not reflect behaviors, instead this will be annotated in the notes field.

GRADING GUIDELINES

Late Work

Teachers in like courses and/ or grade levels, with administrative approval, will define this practice and clearly state it on the school's website and/or student syllabus. The guidelines must be consistent across the course and/or grade level at the site. Points will not be deducted for late work, instead it will be annotated in the notes field in the grade book and noted on the Report Card when needed. However, after the timeframe specified in the syllabus, late work will not be accepted and the grade will be permanently recorded as a 0.

Standards Based Grading

Standards Based Grading is currently at three sites, in various English classes. The school will communicate information about this to parents, guardians and/ or family members. The categories in these Standards Based Grading English classrooms are as follows:

Reading Literature: 25%

Mastery of state standards that relate to reading literature will be reported in this category.

Reading Informational Text: 25%

Mastery of state standards that relate to reading informational texts will be reported in this category.

Writing: 25%

Mastery of state standards that relate to writing will be reported in this category.

Language: 15%

Mastery of state standards that relate to language skills will be reported in this category.

Speaking and Listening: 10%

Mastery of state standards that relate to speaking and listening skills will be reported in this category.

In a standards based grading classroom, the final exam will not be a separate category. Instead it is used as an additional piece of evidence of standards mastery.

Grade Change Due to Demonstration of Competency/ HIGH SCHOOL ONLY

Dysart Unified School District honors the accomplishments of students who demonstrate proficiency or excel on state and national exams. Students who demonstrate competency on defined exams receive grade enhancements on their transcript.

AP, IB: If a student participates in the AP, or IB exam, the student is not required to take the course final. If the score on the AP exam is a 3, the student's grade increases by one letter grade. If a student scores a 4 or 5 on the AP exam, the student will automatically earn an A in the AP course. If the score on the IB exam is a 4, the student's grade increases by one letter grade. If a student scores a 5, 6 or 7 on the IB exam, the student will automatically earn an A in the IB course.

State Assessments

If a student scores above the district determined criteria on the ASPIRE, ACT, CTE TSA the student's final grade increases by one letter grade. If a student scores above the district determined criteria on ASPIRE or ACT, the student will automatically earn an A in the corresponding course. Students who score Highly Proficient on the 11th grade AzSCI test will earn a letter grade bump for the 11th grade science course.

Students cannot receive more than one grade bump per class. It is also important to note that the student can only receive a grade bump for classes they were rostered in for the Fall or Spring semester of the same year.

ATTENDANCE

ATTENDANCE AND CREDIT

Legal Requirement

Arizona law requires students to attend school through the completion of the tenth grade or to age sixteen.

Excessive Absences

A student must attend class regularly to receive a passing grade. A student who is absent from a class more than ten (10) times per semester may be placed on audit status. The student and/or parent may petition for credit appeal.

EXTRACURRICULAR ELIGIBILITY

Enrollment Rule

For AIA participation If a student's initial enrollment occurs after the fourteenth official day of the semester, he/she is ineligible for that semester. In case of initial enrollment after the first official school day and by the fourteenth official school day, a student shall have been in attendance for as many days as he/she missed from the opening day of the semester before eligibility can be established. If you have been enrolled in school for fifteen or more days during any one semester, it will count as one of the eight semesters of high school attendance during which you may possibly have eligibility. Exception: A school district governing board may declare all or certain high schools within its district as open schools. A student enrolling for the first time in any open school in the district shall have met the domicile requirements to be able to participate in interscholastic competition.

Domicile Rule

Except as otherwise stated in Arizona Interscholastic Association Bylaws, you, whether an adult or not, are privileged with eligibility for interscholastic competition only at the school in the district in which your parents are domiciled. In multi-school districts, you are eligible only at the school in the attendance zone in which your parents are domiciled.

Age Limit/Birth Record Rule

If you become 19 years of age on or before September 1, you are NOT eligible for any part of that school year. You must submit an acceptable record of birth before your name is placed on an eligibility list for varsity competition.

Physical Examination Rule

You must have a physician's record of physical examination on file with the principle stating that you are physically fit for interscholastic athletic competition. Your physical examination for the following year must be given on or after March 1. Arizona law mandate that schools provide concussion education to students, parents and coaches. Student athletes will need to take the AIA approved Brainbook concussion course prior to participating in practice or competition for their sport. The concussion course needs to be taken one time only.

Academic Rule

A student must be enrolled in a minimum of four courses per semester the first six semesters of high school and a minimum as determined by the district during the seventh and eighth semesters.

Parent or Legal Guardianship Rule

You must get signed permission to participate from your parents or guardian on a form provided by the school.

Maximum Participate Rule

After you first enroll in the ninth grade, you have a maximum of eight semesters of opportunity and maximum of four seasons of opportunity in each sport or activity. The seventh and eighth semester must be consecutive. The other semesters need not be consecutive. Enrollment for at least fifteen school days during any semester, or participation in any interscholastic contest, constitutes a semester of opportunity and a season of opportunity.

Transfer Rule

The District follows the Arizona Interscholastic Association Bylaws regarding all transfers. See AIA Bylaw 15.10 <http://aiaonline.org/files/65/article-15-student-eligibility-rules.pdf>.for detailed information.

Amateur Rule

You must be an amateur. This means that you have never used and are not using your knowledge of athletics or athletic skill in an athletic contest for financial gain. Amateur athletes shall participate and always have participated under their own name.

See AIA Bylaw 15.10 <http://aiaonline.org/files/65/article-15-student-eligibility-rules.pdf>. Students are eligible to tryout for the high school Spiritline during the season of activity, which is defined as the first week of football practice, once they are enrolled at the high school.

SIGNATURE PROGRAMS

Dysart High School

11425 North Dysart Road El Mirage, Arizona 85335

Phone: (623) 876-7500

Fax: (623) 876-7572



AVID: Advancement Via Individual Determination

AVID, an international program to increase student performance, is a four-year program for students who are capable of completing the most rigorous curriculum but are falling short of achieving their academic potential. AVID students are required to be enrolled in the school's toughest classes such as Advanced Placement as well as enrolled in the AVID elective throughout their high school career. The AVID elective provides academic instruction and support to prepare students for eligibility and success at a four-year college or university. AVID topics include note-taking, study skills, test taking, time management, college exam preparation, critical reading skills, inquiry and collaboration. The AVID program is only offered to those students who meet specific criteria and who are selected through an application and interview process.

Transportation Technologies:

Automotive Technology

The Automotive Technology program is designed to provide students the opportunity to gain knowledge and experience to diagnose and repair problems involving the brake system, engine, electrical system and suspension system of a vehicle. The capstone course in the program prepares students for the industry standard ASE certification.

Courses include: Automotive Technology 1-2, 3-4, Honors 5-6, Honors 7-8, Automotive Technologies Internship

JROTC

The JROTC program helps prepare high school students for various responsible leadership jobs of choice in the civilian workforce, private enterprise or military service. The mission of JROTC is "to motivate young people to be better citizens." JROTC consists of both classroom and field experience. As a JROTC cadet, students will earn the privilege of participating in Spring Camp and Summer Camp. JROTC is an adventure in learning.

Competitive JROTC teams include: Raiders, Color Guard, Rifle, & Drill.

Communications Media:

Photo Imaging

Photo Imaging provides students interested in areas such as Photo Journalism, Still Photography, Portraiture, or Digital Media an opportunity to gain experience with the latest graphic software, digital cameras, and studio equipment. Students will develop individual portfolios, have an opportunity to display their work, and, in the Intermediate and Advanced courses, expand their business sense by finding and serving actual clients both on and off campus. All students may elect to take the Adobe Certified Associate (ACA) exam, which is the graphic design industry's benchmark test.

Courses include: Photo Imaging 1-2, 3-4, Honors 5-6, Digital Photography Internship

SIGNATURE PROGRAMS

Shadow Ridge High School

10909 N. Perryville Road Surprise, Arizona 85388

Phone: 623.523.5100

Fax: 623.523.5111



Engineering Sciences:

Engineering

Students in this field will explore careers in technology, industry, and engineering. Students will explore entry, semi-professional, and professional levels of careers through hands-on projects in the area of engineering (transportation, electrical, mechanical, civil, power and construction). They will also participate in class activities and projects and hear speakers in the areas of engineering technology and industrial careers.

Courses include: Engineering 1-2, 3-4, 5-6, Honors 7-8, Engineering Internship

Education and Training:

Education Professions

The Education Professions program is designed to prepare students for employment or post secondary opportunities in the education field. The program provides instruction in education career choices, education structure and systems, theory, pedagogy, developmental stages, learning styles and methodology. The program also provides interactive experiences with students at different age levels, in a variety of content areas in educational environments.

Courses include: Education Professions 1-2, 3-4, 5-6 Service Learning, Education Professions Internship

Software and Application Design:

The Software Development program is designed to prepare students for employment/postsecondary education related to the design, development, installation, implementation, use and management of computers with an emphasis on writing code. An integrated approach of teaching and learning is provided as students enhance their technical knowledge and skills that are associated with functions within Software Development occupations. In addition to the occupation related skills, students completing this program will also develop advanced critical thinking, applied academic, interpersonal relations, life management, business, economic, and leadership skills. (Each course is yearlong, divided into two semesters.)

SIGNATURE PROGRAMS

Valley Vista High School

15550 North Parkview Pl. Surprise, Arizona 85374

Phone: (623) 523-8800

Fax: (623) 523-8811



Pre-AP Program

The Pre-AP program was developed by the College Board with the premise that “every student deserves the opportunity to learn, grow, and succeed.” Pre-AP courses deliver grade-level appropriate instruction through engaging course frameworks, instructional resources, targeted assessments for learning, and collaboration. The designation of Pre-AP signals that students will experience high standards to build and reinforce students content knowledge and critical thinking skills that promote college and career excellence.

AP Capstone Diploma Program

Valley Vista High School is one of approximately 2,000 schools worldwide and one of four comprehensive high schools in the West Valley to implement the [AP Capstone Diploma™ program](#) —an innovative program that encourages students to develop skills for college and career success, including critical thinking, research, collaboration, and communication. The program consists of two yearlong courses taken in sequence: AP® Seminar and AP Research.

Family and Consumer Sciences:

Culinary Arts

If you are interested in working with food, cooking a variety of menu items, and amazing patrons with the quality and display of culinary delights, then the Culinary Arts Program is for you. Culinary Arts provides students with the opportunity to learn how to prepare gourmet foods, how to display food to make it pleasing to the eye, and develop the skills for state and national competition. Students will plan and present culinary events for both the school and the community. The high school is in partnership with Estrella Mountain Community College to provide dual enrollment credit for the program. Courses include:

Public Service Careers:

Fire Science

The training needed to help others is now available in the Fire Science program. Classroom and field activities in partnership with the City of Surprise Fire Department will provide students with a working knowledge and experience to be successful in the fire fighting career field. Courses are eligible for Dual Enrollment credit with Maricopa Community Colleges.

Law and Public Safety:

If you ever dreamed of being a police officer, now is the time to live that dream through the Law Enforcement and Public Safety Program. This program provides students with the opportunity to learn about and experience the skills needed to be a police officer. The high school is in partnership with the City of Surprise Police Department and the Maricopa County Community College District to provide internship opportunities and dual enrollment credit for the program.

Emergency Medical Technician (EMT)

In partnership with the City of Surprise Fire Department, this program will provide students with a working knowledge and experience to be successful as an Emergency Medical Technician. This program is offered to all DUSD Seniors interested in being a part of the Emergency Medical Services.

* This course may be offered for college credit through Maricopa Community Colleges

SIGNATURE PROGRAMS

Willow Canyon High School

17901 West Lundberg St. Surprise, Arizona 85388

Phone: (623) 523-8000

Fax: (623) 523-8097



International Baccalaureate Program (IB)

The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment. These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

Health Careers:

Medical Laboratory Assisting

Medical Lab Assisting is designed for students interested in any clinical-medical profession and offers hands-on experiences in the classroom lab including expertise in phlebotomy procedures, capillary punctures, urinalysis and blood smears. Upon successful completion of this course, students will have the opportunity to take two National Certification Exams for Medical Laboratory Assisting (CMLS) and Phlebotomy Technician (CPT).

Courses include: Medical Lab Assistant 1-2, Honors 3-4, Laboratory Assisting Internship

Nursing Professions

This one year program prepares students to work in various healthcare industries such as in-home healthcare, hospitals, hospice, etc., while preparing students to take the National Certified Nursing Assistant Exam to receive their Certified Nursing Assistant (CNA) License.

Courses include: Nursing Professions 1-2, 3-4

Communications Media:

Film and TV Production

This program is designed to provide students with the experience and skills needed to pursue a career in video production. Emphasis is given to training in all aspects of the video production “cycle” — pre-production, production and post-production. Included are experiences in effects, camera operation, composition, lighting and staging, on camera performance, directing, announcing and interviewing. Students gain experience with the latest in video software including sound and special effects. The video experience also includes exposure to green screens, multiple cameras and their platforms, various sound engineering equipment and professional grade dollies and jibs, thus preparing the student to move into the professional world of video production with a familiarity with industry standard experience. Students will complete the program with an all-encompassing portfolio having had multiple opportunities to compete, display their work and be assessed by clinicians, professionals in the field and in master classes.

Courses include: TV/Broadcast Production 1-2, Honors 3-4, Honors 5-6 and Film & TV Internship



Dysart Schools

COURSE DESCRIPTIONS

INTERNATIONAL BACCALAUREATE

One-Credit Courses (Year)
IB Theory of Knowledge 1-2, 3-4
IB Personal & Professional Skills 1-2, 3-4
IB English 1-2, 3-4
IB English 5-6, 7-8
IB Spanish 1-2, 3-4
IB Spanish 5-6, 7-8
IB Business Management 1-2
IB World History 1-2
IB History of the Americas 1-2, 3-4
IB Psychology 1-2, 3-4
IB Biology 1-2, 3-4, 5-6
IB Chemistry 1-2, 3-4, 5-6

One-Credit Courses (Year)
IB Physics 1-2, 3-4
IB Math 1-2, 3-4
IB Math Applications 1-2, 3-4
IB Math Analysis 1-2, 3-4
IB Film 1-2, 3-4
IB Instrumental Music 1-2, 3-4
IB Theatre Arts 1-2, 3-4
IB Visual Arts 1-2, 3-4

Description	Details
<p>IB Theory of Knowledge 1-2, 3-4 This is an interdisciplinary course that looks at all of the disciplines. Students learn to analyze and evaluate what they learn and how they think. Students will also be expected to think about how others in different cultures might view things differently.</p>	<p>Prerequisite: Acceptance into IB Diploma Program Credit: 1 per year Fees: None Location: WCHS</p>
<p>IB Personal & Professional Skills 1-2, 3-4 Personal & Professional Skills is designed for students to develop attitudes, skills, and strategies to be applied to personal and professional situations and contexts now and in the future.</p>	<p>Prerequisite: None Credit: 1 per year Fees: None Location: WCHS</p>
<p>IB English 1-2, 3-4 Scholars develop the ability to communicate clearly, accurately, and effectively in both speech and writing. They learn how to employ a wide-ranging vocabulary, use correct grammar, spelling and punctuation, and develop a personal style and an awareness of the audience being addressed. Learners are also encouraged to read widely, both for their own enjoyment and to further their awareness of the ways in which English can be used. IB English develops more general analysis and communication skills such as synthesis, inference, and the ability to order facts and present opinions effectively. This is in order to prepare all students to engage with literature and analysis of varying genres, primarily of poetry, prose, and plays.</p>	<p>Prerequisite: None Credit: 1 per year Fees: None Location: WCHS</p>
<p>IB English 5-6, 7-8 This two-year course will provide students an opportunity to further their reading, writing and oral communications skills. Students explore a wide variety of literature from around the world in various genres.</p>	<p>Prerequisite: None Credit: 1 per year Fees: Exam Fees the final year Location: WCHS</p>

INTERNATIONAL BACCALAUREATE

Description	Details
<p>IB Spanish 1-2, 3-4 IB Spanish is designed for students learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for purposes of practical communication. The course is based on the linked language skills of listening, reading, speaking and writing.</p>	<p>Prerequisite: None Credit: 1 per year Fees: None Location: WCHS</p>
<p>IB Spanish 5-6, 7-8 This course will focus on advanced reading, writing, listening and speaking of the Spanish Language. The cultures of Spanish speaking countries will be strongly incorporated into the course.</p>	<p>Prerequisite: IB Spanish 3-4 or Spanish 3-4 Credit: 1 per year Fees: Exam Fees the final year Location: WCHS</p>
<p>IB Business Management 1-2 This course will cover business organization, accounting/finance, marketing, and human resources. The course will examine business practices from a global perspective. This course will fulfill the free enterprise graduation credit.</p>	<p>Prerequisite: None Credit: 1 Fees: Exam Fees Location: WCHS</p>
<p>IB World History 1-2 IB World History investigates the major international issues of the nineteenth and twentieth centuries as well as the modern history of particular regions in depth. The emphasis is both on acquiring historical knowledge and on the critical thinking skills required for historical research. Students will learn about the nature of cause and effect, continuity and change and similarity and difference as they find out how to use and understand historical evidence as part of determining historical significance. Development of research skills are tied to case studies revolving around research questions and a student's development of written precision in describing and explaining the historical significance and relevant implications of the current world.</p>	<p>Prerequisite: None Credit: 1 per year Fees: None Location: WCHS</p>
<p>IB History of the Americas 1-2, 3-4 This two-year course looks at the history of North America during the first year. During the second year, students explore 20th century world topics.</p>	<p>Prerequisite: None Credit: 1 per year Fees: Exam Fees the final year Location: WCHS</p>
<p>IB Psychology 1-2, 3-4 This course is an exploration of human behavior. Students will examine psychology through the behavioral, cognitive, biological perspective. Students will also look at Social Psychology.</p>	<p>Prerequisite: None Credit: 1 per year Fees: Exam Fees the final year Location: WCHS</p>
<p>IB Biology 1-2, 3-4, 5-6 This is a fast-paced, lab class with challenging requirements. IB Biology enables students to better understand the technological world in which they live and take an informed interest in science and scientific developments. Students learn about the basic principles of biology such as the study of the cell through complex organisms including humans. Students learn how science is studied and practiced and become aware that the results of scientific research can have both good and bad effects on individuals, communities, and the environment.</p>	<p>Prerequisite: None Credit: 1 Fees: Exam Fees the final year Location: WCHS</p>

INTERNATIONAL BACCALAUREATE

Description	Details
<p>IB Chemistry 1-2, 3-4, 5-6 Chemistry is an experimental science. It will focus on physical and chemical properties, equations, and reactions. Students will also examine states of matter, chemical bonds, kinetics, equilibrium, oxidation and organic chemistry. There will be a focus on laboratory experimentation and analysis.</p>	<p>Prerequisite: None Credit: 1 Fees: Exam Fees the final year Location: WCHS</p>
<p>IB Physics 1-2, 3-4 Physics is the most fundamental of the experimental sciences as it seeks to explain the universe itself, from the very smallest particles to the vast distances between galaxies. Despite the exciting and extraordinary development of ideas throughout the history of physics, observations remain essential to the very core of the subject. Models are developed to try to understand observations, and these themselves can become theories that attempt to explain the observations.</p>	<p>Prerequisite: None Credit: 1 Fees: Exam Fees the final year Location: WCHS</p>
<p>IB Math 1-2, 3-4 This is an in-depth two-year mathematics class that will require fluency in algebra and geometry. IB Mathematics enables students to better understand the mathematical world of not only critical thinking and problem-solving but also the practices and processes leading to advanced techniques of creativity, perseverance, and limits of accuracy. Prior to this course, students should be fluent in foundational algebraic, geometric, and statistical standards to extend their learning to more advanced concepts in such areas as advanced functions, rational and polynomial expressions and sentences, transformations, and vectors.</p>	<p>Prerequisite: None Credit: 1 per year Fees: None Location: WCHS</p>
<p>IB Math Applications 1-2, 3-4 This course is a combination of statistics, trigonometry, calculus and real world/global math. This course is recommended for students planning to pursue fields in the social sciences, or general studies.</p>	<p>Prerequisite: IB Math 3-4 or Algebra 3-4 Credit: 1 per year Fees: Exam Fees the final year Location: WCHS</p>
<p>IB Math Analysis 1-2, 3-4 This two year course is for students who have a strong mathematics background in Algebra and Geometry. This course will focus on Functions, Logarithms, Trigonometry, Reasoning and Proof, Calculus, and Statistics. This course is recommended for students planning to pursue technical fields such as engineering, medical professions, sciences, and mathematics.</p>	<p>Prerequisite: IB Math 3-4 or Algebra 3-4 Credit: 1 per year Fees: Exam fees the final year Location: WCHS</p>
<p>IB Film 1-2, 3-4 Film is both a powerful communication medium and an art form. The Diploma Programme film course aims to develop students' skills so they become adept in both interpreting and making film texts. Through the study and analysis of film texts and exercises in film-making, the Diploma Programme film course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from differing points of view.</p>	<p>Prerequisite: None Credit: 1 per year Fees: Exam Fees the final year Location: WCHS</p>
<p>IB Instrumental Music 1-2, 3-4 The IB Instrumental Music Course will give students a familiarity with musical genres and styles as they relate to the international picture. In their study of world music, students will examine musical structure, elements, terminology and notations, historical and cultural context. Students will be assessed in Performance and/or Composition, depending on the level selected</p>	<p>Prerequisite: Audition with Instructor Credit: 1 Fees: Exam Fees Location: WCHS</p>

INTERNATIONAL BACCALAUREATE

Description	Details
<p>IB Theater Arts 1-2, 3-4 Students may choose to take this course at the Standard or Higher Level. At both levels, students are required to participate in a school production as part of their exploration into theatre.</p>	<p>Prerequisite: None Credit: 1 per year Fees: Exam Fees the final year Location: WCHS</p>
<p>IB Visual Arts 1-2, 3-4 The IB Visual Arts course stresses practice in the use of various 2-dimensional and 3-dimensional media and the mature development of creative ideas and the ability to relate to all forms of art in their many social and historical contexts.</p>	<p>Prerequisite: None Credit: 1 Fees: Exam Fees the final year Location: WCHS</p>

Pre-AP Program

One-Credit Courses (Year)
Pre-AP English 1-2
Pre-AP English 3-4
Pre-AP Algebra 1-2
Pre-AP Geometry and Statistics 1-2
Pre-AP Algebra 3-4
Pre-AP Biology 1-2
Pre-AP Chemistry 1-2
Pre-AP Dance
Pre-AP Theater 3-4
Pre-AP Music
Pre-AP Art 3-4
AP Research
AP Seminar

Description	Details
<p>Pre-AP English 1-2 Students will focus on reading, writing, and language skills that are relevant to students' current work and essential for students' future to future high school and college coursework. Text used prepares students for close, critical reading and analytical writing.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Pre-AP English 3-4 Students will build on the foundational skills of Pre-AP English 1. Students will be required to apply practices to a new array of nonfiction and literary texts. Students will study how poets, playwrights, novelists, and writers of nonfiction manipulate language to serve their purposes. As writers, students will compose more nuanced analytical essays while never losing sight of craft and cohesion.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Pre-AP Algebra 1-2 Students will develop a deep understanding of linear relationships emphasizing patterns of change, multiple representations of functions and equations, modeling real world scenarios with functions, and methods for finding and representing solutions of equations and inequalities.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Pre-AP Geometry and Statistics 1-2 Students will form a conceptual bridge between algebra and geometry that deepens their understanding of mathematics. The course includes a unit of statistics and probability to support students' understanding of concepts essential to quantitative literacy. Throughout the course, students will solve problems across the domains of algebra, geometry, and statistics.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Pre-AP Algebra 3-4 Students will solidify and extend the understanding of functions and data analysis developed in prior courses. Students build upon linear, quadratic, and exponential functions as they work to define logarithmic, polynomial, rational, square root, cube root, and trigonometric functions. Quantitative literacy is developed by weaving data sets, contextual scenarios, and mathematical modeling</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Pre-AP Biology 1-2 Students engage in real-world data analysis and problem solving that sparks critical thinking about our living world. As students engage in grade-level content, they utilize the kind of scientific reasoning skills needed to analyze the natural world—and to succeed in future science and social science courses in high school and college.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>

Pre-AP/ AP Capstone Diploma

Description	Details
<p>Pre-AP Chemistry 1-2 Students develop a deep conceptual understanding of matter and energy at the molecular level as they learn to explain their macroscopic observations using particulate-level reasoning. As students engage in grade-level content, they utilize scientific reasoning skills needed to analyze the natural world and to succeed in future science and social science courses in high school and college.</p>	<p>Prerequisite: None Credit: 1 Fees: Location: VVHS</p>
<p>Pre-AP Dance Students will experience the process of producing creative work, in addition to highlighting the culminating finished products or performances. Pre-AP Dance assessments are relevant and accessible, assessing a range of skills, habits, and/or dispositions that are central to arts-based learning.</p>	<p>Prerequisite: None Credit: 1 Fees: Location: VVHS</p>
<p>Pre-AP Theater 3-4 Students will experience the process of producing creative work, in addition to highlighting the culminating finished products or performances. Pre-AP Theater assessments are relevant and accessible, assessing a range of skills, habits, and/or dispositions that are central to arts-based learning.</p>	<p>Prerequisite: None Credit: 1 Fees: Location: VVHS</p>
<p>Pre-AP Music Students will experience the process of producing creative work, in addition to highlighting the culminating finished products or performances. Pre-AP Music assessments are relevant and accessible, assessing a range of skills, habits, and/or dispositions that are central to arts-based learning.</p>	<p>Prerequisite: None Credit: 1 Fees: Location: VVHS</p>
<p>Pre-AP Art 3-4 Students will experience the process of producing creative work, in addition to highlighting the culminating finished products or performances. Pre-AP Art assessments are relevant and accessible, assessing a range of skills, habits, and/or dispositions that are central to arts-based learning.</p>	<p>Prerequisite: None Credit: 1 Fees: Location: VVHS</p>
<p>AP Research AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000– 5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>AP Seminar AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>

ENGLISH

One Credit Courses

English 1-2

English Honors 1-2

English 3-4

English Honors 3-4

English 5-6

English 7-8

English 7-8 Contemporary

AP English - Language & Composition

AP English - Literature & Composition

Language Arts Strategies 1-2

Language Arts Strategies 3-4

Language Arts Strategies 5-6

Language Arts Strategies 7-8

Literacy and Language Arts Essentials 1-2

Literacy and Language Arts Essentials 3-4

One Credit Courses

Literacy and Language Arts Essentials 5-6

Literacy and Language Arts Essentials 7-8

One Credit Elective Courses

Reading Strategies

Speech and Debate 1-2

Speech and Debate 3-4

Academic Decathlon

English for English Language Learners One Credit Elective

Targeted English Instruction

.5 Credit English Elective Courses

Advanced Creative Writing

Creative Writing

Creative Writing: Unleashing the Core of Your Imagination

Gothic Literature

Mythology Elective

Mythology and Folklore

Philosophy

Public Speaking

Short Story

Standards Based English

English Language Arts Pathways

01

- English 1-2
- English Honors 1-2

02

- English 3-4
- English Honors 3-4

03

- English 5-6
- Dual Enrollment 5-6
- AP Literature
- AP Language

04

- English 7-8 (British)
- English 7-8 (Contemporary)
- AP Literature
- AP Language

ENGLISH

Description	Details
<p>English 1-2 Students will study and apply the concepts and genres of literature as they read selections from across time periods and cultures. Students will apply grammar rules and acquire new vocabulary, while analyzing classic and contemporary fiction and nonfiction texts and composing narrative, expository, and argumentative writings.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>English Honors 1-2 Students will engage in rigorous academic activities related to the study of literature and non-fiction readings including in-depth analyses of concepts in literature as well as advanced composition assignments and additional in-class and out of class readings as preparation for the AP or IB programs.</p>	<p>Prerequisite: None Credit: 1 Location: DHS, SRHS, VVHS, iSchool</p>
<p>English 3-4 Students will study and apply the concepts and genres of literature as they read selections from across time periods and cultures. Students will continue to apply grammar rules and acquire new vocabulary, while analyzing classic and contemporary fiction and nonfiction texts and composing narrative, expository, and argumentative writings.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>English Honors 3-4 Students will engage in rigorous academic activities related to the study of literature and non-fiction readings, including in-depth analyses of concepts in literature as well as advanced composition assignments and additional in-class and out of class readings as preparation for the AP or IB programs.</p>	<p>Prerequisite: None Credit: 1 Location: DHS, SRHS, VVHS, iSchool</p>
<p>English 5-6 Students will study and apply the concepts and genres of literature as they read selections from across time periods in American History. With emphasis on the Arizona Language Arts Standards, students will apply grammar rules and acquire new vocabulary, while analyzing classic and contemporary fiction and nonfiction texts, Students will compose writings within the Arizona Common Core modes: narrative, expository, and argumentative.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>English 7-8 Students will study and apply the concepts and genres of literature as they read selections from across time periods in British literature. Students will apply grammar rules and acquire new vocabulary, while analyzing classic and contemporary fiction and non-fiction texts. Students will compose writings within the various modes of writing: narrative, expository, and argumentative with an emphasis on research writing for college.</p> <p>*This course may be offered for dual enrollment credit for ENG 101/102 pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>

ENGLISH

Description	Details
<p>English 7-8 Contemporary Students will study and apply the concepts and genres of literature as they read selections from across time periods in contemporary literature. Students will apply grammar rules and acquire new vocabulary, while analyzing classic and contemporary fiction and non-fiction texts. Students will compose writings within the various modes of writing: narrative, expository, and argumentative with an emphasis on research writing for college.</p> <p>*This course may be offered for dual enrollment credit for ENG 101/102 pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>AP English - Language and Composition Students will explore a diverse and challenging range of primarily nonfiction prose selections in this introductory college-level course. As they read, students will carefully analyze these works to gain a greater understanding of rhetoric and the art and mechanics of the English language. They will also write extensively in both formal and informal contexts, so that they can develop a greater awareness of themselves as writers and learn writing techniques that will aid reading.</p> <p>*Students are expected to take the AP Exam through which college credit may be earned. *Course may be offered for Dual Enrollment pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Fees: AP Exam Fee applies if student takes test Location: All, iSchool</p>
<p>AP English - Literature and Composition Students will engage in the careful and critical reading and analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understandings of the ways writers use language to create meaning. Students will learn to consider a work's structure, style, and themes, as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone. Students are expected to take the appropriate AP Exam through which college credit may be earned pending instructor availability.</p> <p>*Students are expected to take the AP Exam through which college credit may be earned. *Course may be offered for Dual Enrollment pending instructor availability (ENH 110).</p>	<p>Prerequisite: None Credit: 1 Fees: AP Exam Fee applies if student takes test Location: All, iSchool</p>
<p>Language Arts Strategies 1-2 Students will use targeted strategies in both basic reading and writing skill, and written expression. This course introduces the student to the concepts and genres of literature and informational text. Students will review grammar as related to writing and expand their vocabulary. This course will support students post-secondary transition plan.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Language Arts Strategies 3-4 Students will use targeted strategies in both basic reading and writing skill, and written expression. Students will study a variety of literary genres. Students will also focus on oral communication, research skills, and accessing technologies to improve independent skills. This course will support students post-secondary transition plan.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Language Arts Strategies 5-6 Students will improve in both basic reading and writing skills with targeted strategies in written expression. This course introduces American literature with an emphasis on composition and research methods. Students will be assessed in reading literary and informational texts and in writing with a multi-paragraph essay. This course will support students post-secondary transition plan.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>

ENGLISH

Description	Details
<p>Language Arts Strategies 7-8 The course is designed to target students who need improvement in both basic reading and writing skills with targeted strategies in written expression. This course introduces British or Contemporary Literature with an emphasis on composition and research methods. Students will continue to work on vocabulary, composition, revision and editing skills. Students will be assessed in reading literary and informational texts and in writing with a multi-paragraph essay. This course will support students post-secondary transition plan.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Literacy and Language Arts Essentials 1-2 Students will address basic reading, writing, speaking, and listening skills. Emphasis is on using 2 or more pieces of textual evidence to support the central idea and/or theme. It will also focus on determining meaning of words and phrases, reading and comprehending various types of literature, and conventions of narrative writing. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Literacy and Language Arts Essentials 3-4 Students will address basic reading, writing, speaking, and listening skills. Emphasis is on recognizing the development of a theme or central idea. It will also focus on identifying the complexity of characters; including different cultures and beliefs. It will address the production of clear and coherent writing based on the theme, or characters. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Literacy and Language Arts Essentials 5-6 Students will address basic reading, writing, speaking, and listening skills. Emphasis is on using 2 or more pieces of evidence to support inferences in literary or informational text. It will also focus on determining 2 or more themes/central ideas, and compare different cultures. It will address author's point of view, claims, fact, or opinion. ELA 5-6 will include instruction in writing that is organized, uses transitions, and is clear and coherent. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Literacy and Language Arts Essentials 7-8 Students will address basic reading, writing, speaking, and listening skills. Emphasis is on expanding instruction in using 2 or more pieces of evidence to support inferences in literary or informational text, and determining 2 or more themes/central ideas while comparing/contrasting different cultures. It will focus on the student using analysis to determine author's claim as fact or opinion and challenge those ideas. It will include instruction in writing that is organized, uses transitions, and descriptive details. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Reading Strategies Students who need instruction in basic reading and reading comprehension skills should take this course. Emphasis will be on reading comprehension, vocabulary development and strategies for accessing grade-level reading materials.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 (Elective)/ Repeatable Location: All</p>
<p>Speech and Debate 1-2 Students will focus on the various techniques of public speaking and prepare various types of speeches, such as persuasive, impromptu, and oratory. Students will additionally learn and practice the techniques of debate.</p>	<p>Prerequisite: None Credit: 1/Repeatable Location: All</p>

ENGLISH

Description	Details
<p>Speech and Debate 3-4 Students will learn speech writing, argumentation, philosophy, research, and delivery skills, as well as literary analysis, interpretation, and current events. Students will hone skills in effective written and spoken communication, comprehensive philosophical backgrounds for arguments based on theory, efficient and discriminating research skills, and proficient literary interpretation. Students will be required to use their skills in advanced acting, rhetoric, public speaking, and debate to produce and compete in a minimum of six (6) National Speech and Debate Association (NSDA) and Arizona Interscholastic Association (AIA) nationally sanctioned competitive events.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Academic Decathlon Students will integrate grade level standards while interacting with the Academic Decathlon topics that rotate on a yearly basis. Students will study language and literature through literary text as well as informational texts pertaining to the topic for the year. In addition students will engage in writing essays and debate. This class is eligible to replace any ELA required credit, but ELA 1-2 and is repeatable.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Advanced Creative Writing Students will explore themes and write various modes of creative writing. Students will apply their knowledge of writing to brainstorming, drafting, revising, editing, and publishing their work. This is an advanced level course.</p>	<p>Prerequisite: Creative Writing Credit: .5(elective)/ Repeatable Location: All</p>
<p>Creative Writing Students will explore themes and write various modes of creative writing. Students will apply their knowledge of writing to brainstorming, drafting, revising, editing, and publishing their work.</p>	<p>Prerequisite: None Credit: .5 (elective)/ Repeatable Location: All, iSchool</p>
<p>Creative Writing: Unleashing the Core of Your Imagination Students will gain a solid grounding in the writing process, from finding inspiration to build a basic story, as well as learning complicated literary techniques to create poetry and prose.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Gothic Literature Students will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Mythology Elective Students will explore myths, legends and folklore from Greek, Roman, Mesopotamia, Far East and Oceanic, and Hindu writers through literary analysis and examination of cultural concepts. Second semester students will delve into Celtic, Arthurian, Norse, African, Native American and Egyptian myths, legend and folklore.</p>	<p>Prerequisite: None Credit: .5 per semester (can be taken as individual semesters) Location: All</p>

ENGLISH

Description	Details
<p>Mythology and Folklore Students will explore the universality and social significance of myths and folklore, and see how they are still used to shape society today. This course focuses on the many myths and legends woven into cultures around the world.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Public Speaking Students will examine foundations of Western society and foundations in both Aristotle, and Cicero's views of rhetoric. Students will trace those foundations into the modern world. Students will learn theory, the practice of public speaking, how to analyse the speeches of others, and how to build a strong argument.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: All, iSchool</p>
<p>Short Story Students will encounter a survey of short story writers from 1900s to the present, analysis and evaluation of selected readings, and an examination of the genre and themes from a variety of perspectives, coupled with social issues.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: All</p>
<p>Philosophy Students will explore philosophical ideas such as reason and truth and will learn to construct logical, testable arguments. While surveying the five areas of philosophy, students will explore the writings of important philosophers who have fundamentally impacted the world through their thoughts. *This course may be offered for dual enrollment credit pending instructor availability.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: All, iSchool</p>
<p>Standards Based English Students will receive instruction in the College and Career Ready ELA Standards to assist students with graduation requirements.</p>	<p>Prerequisite: None Credit: .5(elective) /Repeatable Location: All</p>
<p>Targeted English Instruction Targeted English Instruction is designed for students whose native language is not English and who have not yet achieved a score of proficient on the Arizona English Language Learner Assessment (AZELLA). This instruction is designed for English Learner students only. Students will receive specific English Language Development that focuses on listening, speaking, reading, and writing.</p>	<p>Prerequisite: None Credit: 1 (elective)/Repeatable Location: All</p>

FINE ARTS – VISUAL ARTS

One-Credit Courses
Art 1-2
Art 3-4
Art 5-6
Art 7-8
Ceramics 1-2
Ceramics 3-4
Ceramics 5-6
Ceramics 7-8

One-Credit Courses
Painting 1-2
AP Studio Art

One Credit Elective Courses
Fine Arts Tutor
Fashion and Interior Design

.5 Credit Courses
Digital Art Imagine
Art History

.5 Credit Elective Courses
The Lord of the Rings: An Exploration of the Films and Their Literacy

Description	Details
<p>Art 1-2 Students will study elements and principles of design as well as techniques for both two dimensional materials.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Art 3-4 Students will examine basic drawing, painting, and mixed-media techniques. Students will focus on exploring media approaches, color theory, surfaces and technologies. Students will work toward development of a portfolio.</p>	<p>Prerequisite: Art 1 / 2, Painting 1-2 with Instructor Approval or Cambridge Art Credit: 1 Location: All</p>
<p>Art 5-6 Students will further explore advanced drawing, painting and mixed-media techniques. Students will focus on improvement in technical skill, critical thinking, and problem solving within their art, as well as developing their own style. Portfolio development is continued in Art 5-6.</p>	<p>Prerequisite: Art 3-4 Credit: 1 Location: All</p>
<p>Art 7-8 Students will pursue independent projects within a classroom setting. Upon approval, students will generate a body of work based on individual artistic interests in drawing, painting and/or mixed media. Students will complete a portfolio. *Exhibition of artwork may be required.</p>	<p>Prerequisite: Art 5-6 Credit: 1 Location: All</p>
<p>Ceramics 1-2 Students will be introduced to the fundamentals of ceramic arts by exploring hand building techniques: pinch, coil and slab. Surface decoration such as glazing, staining and other techniques will be examined.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Ceramics 3-4 Students will learn functional and sculptural forms using hand building methods. Basic wheel throwing and mold making will be introduced. A variety of clay bodies, glazes, decorative techniques and firing methods will be used. *Exhibition of artwork is a required aspect of the class.</p>	<p>Prerequisite: Ceramics 1-2 Credit: 1 Location: All</p>

FINE ARTS – VISUAL ARTS

Description	Details
<p>Ceramics 5-6 /7-8 Students work towards portfolio pieces by perfecting their craft while challenging themselves to create more complex pieces. Students are able to make pieces and experiment with multiple techniques beyond glaze.</p>	<p>Prerequisite: Ceramics 3-4 Credit: 1 Location: All</p>
<p>Ceramics 7-8 Students will work on developing technical skills (materials and processes appropriate to their concepts), aesthetic sensibilities. This class will prepare you for self-directed advanced studio work beyond high school, whether that is senior project, a personal studio career, a residency, or continued ceramics.</p>	<p>Prerequisite: Ceramics 5-6 Credit: 1 Location: All</p>
<p>Painting 1-2 Students will examine color theory and painting techniques. In addition, they will explore media approaches, techniques, surfaces and technologies. Students will be able to understand the relationship between art, culture and self. All students will develop a portfolio for presentation.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>AP Art and Design Students will create a portfolio focusing on a central idea/ sustained investigation that shows experimentation with materials, processes, and ideas while reflecting and revising work. At the end of the course, the AP College Board will do a portfolio review and score the work. *Students are expected to take the AP Exam through which College Credit may be earned</p>	<p>Prerequisite: Portfolio Approval by Teacher Credit: 1 Location: All</p>
<p>Digital Art Imagine Students will explore the fundamental concepts, tools, and techniques of digital imaging. Students will learn how to use computers, digital cameras, editing software, and more to create digital artworks and use the critique process grow artistically as they evaluate and respond to their own works.</p>	<p>Prerequisite: None Credit: .5 Location: iSchool</p>
<p>Art History Students will be introduced to art history from its beginning to contemporary art movements. The development of civilizations and their artwork along with cultural influences will be emphasized in this class. Hands-on art projects to accompany the study of art history will make this course a unique experience.</p>	<p>Prerequisite: None Credit: .5 Location: All, iSchool</p>
<p>Fine Arts Tutor Students will play a pivotal role in supporting and guiding fellow students in their artistic pursuits. In this course, students will support the teacher with one-on-one tutoring, small group tutoring, providing feedback, and helping peers build their artistic skills. Students will work directly with the teacher to learn how to best support the goals of the students and arts program.</p>	<p>Prerequisite: Approval by Teacher Credit: 1/ Repeatable Location: All</p>
<p>Fashion and Interior Design Students will explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them as well as learn the basics of color and design through hands-on projects.</p>	<p>Prerequisite: None Credit: 1/ Elective Location: iSchool</p>
<p>The Lord of the Rings: An Exploration of the Film and Their Literacy Influence. Students will explore and learn how classic literature can become modern film and bring the fantasy alive.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>

PERFORMING ARTS – DANCE

One-Credit Courses
Beginning Dance 1-2
Intermediate Dance 3-4
Advanced Dance 5-6
Dance Performance & Composition 1-2
Fine Arts Tutor

Description	Details
<p>Beginning Dance 1-2 Students will study dance techniques and the development of movement quality and performance skills. Concepts of dance history, production, and improvisational techniques, will also be explored. *Performing is required *Performances may be required outside of the school day. *Specific dress requirements are mandatory for performances.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Intermediate Dance 3-4 Students will study technique and physical conditioning. An emphasis will be on movement quality, performance skills, and basic concepts of choreography. *Performing is required *Performances may be required outside of the school day. *Specific dress requirements are mandatory for performances.</p>	<p>Prerequisite: Beginning Dance 1-2 or Teacher Approval Credit: 1 /Repeatable Location: All</p>
<p>Advanced Dance 5-6 Students will focus on the technical aspects of dance and forms and physical conditioning. Additionally, history, intermediate concepts of choreography, careers, and university programs will be explored. *Performing is required *Performances may be required outside of the school day. *Specific dress requirements are mandatory for performances.</p>	<p>Prerequisite: Audition Only Credit: 1/Repeatable Location: All</p>
<p>Dance Performance & Composition 1-2 Students will learn forms of dance and physical conditioning. Students will continue to develop and explore movement quality, performance skills, and advanced concepts of choreography. *Audition required in Spring *Performing is required *Performances may be required outside of the school day. *Specific dress requirements will be mandatory for performances.</p>	<p>Prerequisite: Audition Only Credit: 1/Repeatable Location: All</p>
<p>Fine Arts Tutor Students will play a pivotal role in supporting and guiding fellow students in their artistic pursuits. In this course, students will support the teacher with one-on-one tutoring, small group tutoring, providing feedback, and helping peers build their artistic skills. Students will work directly with the teacher to learn how to best support the goals of the students and arts program.</p>	<p>Prerequisite: Approval by Teacher Credit: 1/ Repeatable Location: All</p>

PERFORMING ARTS – MUSIC

General Music
Music Appreciation
AP Music Theory
Fine Arts Tutor

.5 Credit Courses
Concert Band
Jazz Ensemble
Marching Band
Marching Band Color Guard

Instrumental One-Credit Courses
Concert Band 1-2
Symphonic Band 3-4
Wind Ensemble 5-6
Orchestra
Concert Percussion Techniques
Beginning Keyboarding/Piano 1-2
Intermediate Keyboarding/Piano 3-4
Studio Piano
Guitar 1-2
Guitar 3-4
Studio Guitar

Choral One-Credit Courses
Mixed Chorus 1-2
Concert Choir 1-2
Vocal Ensemble 1-2
Show Choir
JV Show Choir
Varsity Show Choir

Description	Details
<p>Music Appreciation Student focus will be on listening, composition, music history and music theory. Students will learn the basics of music fundamentals: note reading, rhythms, dynamics, vocabulary and ear training. Students will explore historical and contemporary musicians and styles.</p>	<p>Prerequisite: None Credit: .5 Location: iSchool</p>
<p>AP Music Theory Students will learn to recognize, understand and describe the instrumentation and processes of music heard or presented in a score. Students will master aural skills and sight-singing skills through written, creative, and analytical exercises. *Students are expected to take the AP Exam through which College Credit may be earned.</p>	<p>Prerequisite: Junior with 2 yr of a Music Ensemble Credit: 1 Location: All</p>
<p>Mixed Chorus 1-2 Students will be introduced to the vocal ensemble experience. Students will learn basic ear training, tone production, intonation and vocal techniques through various traditional and popular choir genres. *Performing is required *Performances may be required outside of the school day.</p>	<p>Prerequisite: None Credit: 1 /Repeatable Location: All</p>
<p>Concert Choir 1-2 Students will focus the artistic process of creating music within a large vocal ensemble, and build on prior vocal techniques, study various choral literature. *Audition required *Performing is required *Performances may be required outside of the school day.</p>	<p>Prerequisite: Audition with Director Credit: 1/Repeatable Location: All</p>
<p>Vocal Ensemble 1-2 Students will focus on the artistic process of creating music within a smaller focused vocal ensemble, build on prior vocal techniques, and study music theory and terminology. *Audition required *Performing is required *Performances may be required outside of the school day.</p>	<p>Prerequisite: Audition with Director Credit: 1/Repeatable Location: All</p>

PERFORMING ARTS – MUSIC

Description	Details
<p>JV Show Choir Students will work to create vocal performances that include a large element of dance and showmanship. Students will also learn technical dance forms and choreography. This is a competitive level group. *Audition required *Performing is required *Physical Education Credit can be fulfilled by this class *Performances may be required outside of the school day</p>	<p>Prerequisites: Audition with Director Credit: 1/Repeatable Location: All</p>
<p>Varsity Show Choir Students will work to create vocal performances that include a large element of advanced dance and showmanship. Students will also learn technical dance forms and choreography. This is an advanced competition level group. *Audition required *Performing is required *Physical Education Credit can be fulfilled by this class *Performances may be required outside of the school day</p>	<p>Prerequisites: Audition with Director Credit: 1/Repeatable Location: All</p>
<p>Show Choir Students will work to create vocal performances that include a large element of dance and showmanship. Show Choir has a strong focus on acapella style literature. Students will also learn technical dance forms and choreography. *Audition required *Performing is required *Physical Education Credit can be fulfilled by this class *Performances may be required outside of the school day</p>	<p>Prerequisite: Audition with Director Credit: 1/Repeatable Location: All</p>
<p>Concert Band Students will study, rehearse, and perform various styles of music. Students will learn ear training, tone production, intonation and instrument techniques through various genres. *Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: Audition with Director Credit: .5/Repeatable Location: All</p>
<p>Jazz Ensemble Students will focus on learning musical skills and techniques around various genres of jazz literature. Students will learn improvisational skills and basic jazz theory concepts. *Audition required *Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: Audition with Instructor Ability to Read Music, Credit: .5/Repeatable Location: All</p>
<p>Marching Band Students will learn marching techniques for the field, parades, and pep band techniques. Uniforms are provided. Students taking this class for Physical Education credit must meet those standards as well. *Performing is required *Physical Education Credit can be fulfilled by this class *Performances may be required outside of the school day</p>	<p>Prerequisite: None Concurrent Enrollment in an Ensemble May be Required. Credit: .5/Repeatable or PE Credit Location: All</p>

PERFORMING ARTS – MUSIC

Description	Details
<p>Marching Band Color Guard Students will learn basic body movement technique, rhythmic musicianship, flag choreography, rifle choreography, and visual drill through various styles of marching band literature. Students will also learn marching techniques for the field, and parades, pep band techniques, and how to read marching band drill.</p> <p>*Physical Education can be fulfilled by this class *Performances may be required outside of the school day</p>	<p>Prerequisite: Audition with Director Credit: 4-.5/Repeatable Location: All</p>
<p>Concert Band 1-2 Students will learn the basic skills necessary to play a band instrument as well as basic music theory and terminology. Students do not need to have played an instrument prior to participation.</p> <p>*Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: None Credit: 1/Repeatable Location: All</p>
<p>Symphonic Band 3-4 Students will study, rehearse, and perform intermediate levels and styles of music. Students will learn intermediate ear training, tone production, intonation, music theory, terminology and instrument techniques through various genres.</p> <p>*Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: None Credit: 1/Repeatable Location: All</p>
<p>Wind Ensemble 5-6 Students will study, rehearse, and perform advanced levels and styles of music, this class will focus on advanced ear training, tone, production, intonation and instrument techniques through various traditional and popular band genres.</p> <p>*Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: Audition with Director Credit: 1/Repeatable Location: All</p>
<p>Orchestra Students will study, rehearse, and perform various styles of orchestral music. Students will learn ear training, tone production, intonation, and instrument techniques through various genres.</p> <p>* Performing is required. *Performances may be required outside of the school day</p>	<p>Prerequisite: Audition with Director Credit: 1/Repeatable Location: SRHS, VVHS</p>
<p>Concert Percussion Techniques Students will study, rehearse, and perform intermediate to advanced levels and styles of percussion music. The students will learn intermediate to advanced ear training, tone production, intonation and percussion techniques.</p> <p>*Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: Audition with Director, Concurrent Enrollment in an Ensemble May be Required.</p> <p>Credit: 1/Repeatable Location: All</p>
<p>Beginning Keyboarding/Piano 1-2 Students will use digital keyboards. Students will build a strong foundation in reading music, notation, and performance skills. Students will perform a variety of traditional and popular music, as well as explore music throughout history and various cultures.</p> <p>*Performing is required *Repeatable for Credit with Instructor Approval *Performances may be required outside of the school day</p>	<p>Prerequisite: None Credit: 1 Location: All</p>

PERFORMING ARTS – MUSIC

Description	Details
<p>Intermediate Keyboarding/Piano 3-4 Students will perform a variety of intermediate to advanced piano literature as well as continue the study of music throughout history and various cultures. *Performing is required *Repeatable for Credit with Instructor Approval *Performances may be required outside of the school day</p>	<p>Prerequisite: Beginning Keyboarding/Piano Credit: 1/Repeatable Location: All</p>
<p>Studio Piano Students will perform a variety of advanced piano literature as well as continue the study of music throughout history and various cultures. Students will be exposed to college repertoire for auditions, learn scholarship pieces as well as have opportunities to accompany ensembles. *Performances may be required outside of the school day</p>	<p>Prerequisite: Piano 3-4 or Instructor Approval Credit: 1/Repeatable Location: All</p>
<p>Guitar 1-2 Students will learn the fundamentals of playing a stringed instrument, build a strong foundation in reading music, notation, and performance skills. Students will perform a variety of genres of guitar literature, as well as explore music throughout history and various cultures. *Performing is required *Repeatable for Credit with Instructor Approval *Performances may be required outside of the school day</p>	<p>Prerequisite: None Credit: 1/Repeatable Location: All</p>
<p>Guitar 3-4 Students will build on guitar skills learned in Guitar 1-2, focus on more intermediate to advanced playing skills, musicality, theory and terminology. Additionally, the will explore music throughout history and various cultures. *Performing is required *Repeatable for Credit with Instructor Approval *Performances may be required outside of the school day</p>	<p>Prerequisite: Guitar 1-2 or teacher approval Credit: 1 Location: All</p>
<p>Studio Guitar Students will perform a variety of advanced guitar literature as well as continue the study of music throughout history and various cultures. Students will be exposed to college repertoire for auditions. *Performances may be required outside of the school day</p>	<p>Prerequisite: Guitar 3-4 or or instructor permission Credit: 1/ Repeatable Location: All</p>
<p>Fine Arts Tutor Students will play a pivotal role in supporting and guiding fellow students in their artistic pursuits. In this course, students will support the teacher with one-on-one tutoring, small group tutoring, providing feedback, and helping peers build their artistic skills. Students will work directly with the teacher to learn how to best support the goals of the students and arts program.</p>	<p>Prerequisite: Approval by Teacher Credit: 1/ Repeatable Location: All</p>

PERFORMING ARTS – THEATER

Theater One Credit Courses
Theater 1-2
Theater 3-4
Theater 5-6
Studio Theater

Theater One Credit Courses
Technical Theater
Stagecraft Design and Production 1-2
Stagecraft Design and Production 3-4
Stagecraft Design and Production Internship

One Credit Elective Courses
Fine Arts Tutor
Theater, Cinema and Film Production

Description	Details
<p>Theater 1-2 Students will learn theatrical staging, acting, directing and design basics. Students do not need to have any theatre experience prior to taking this course. Students taking the course for a Physical Education credit will be required to meet those standards as well. *Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: None Credit: 1 or PE Credit Location: All</p>
<p>Theater 3-4 Students will focus on ensemble building, viewpoints, character development, script analysis, improvisation, movement, children's theatre. *Teacher approval required *Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: Instructor Approval Credit: 1 Location: All</p>
<p>Theater 5-6 Students will focus on professional skills including performance, movement, critical analysis, dance, and dialects. The class is suggested for students interested in in-depth exploration of all elements of theater. *Performing is required *Performances may be required outside of the school day</p>	<p>Prerequisite: Instructor Approval Credit: 1/Repeatable Location: All</p>
<p>Studio Theater Students will apply skills from Advanced Theater. Students will have the opportunity to work with Theater 1-6 students in directing, playwriting, designing, and advancing their acting skills. *Performances may be required outside of the school day</p>	<p>Prerequisite: Audition Only Credit: 1/Repeatable Location: All</p>
<p>Technical Theater Students will study and create scenery, props, makeup, costume, sound, lighting and stage management at the beginning level. *Performances may be required outside of the school day</p>	<p>Prerequisite: Theater 1-2 Credit: 1/ Repeatable Location: All</p>
<p>Stagecraft Design & Production 1-2 Students will be introduced to the basic fundamentals of theater production. This hands-on program includes instruction in set design, set construction, scenic painting, lighting design, costume design and construction, theatrical makeup, audio engineering, rigging and production management. Students will serve as a member of a production crew. Stagecraft Production 1-2 requires students to participate in theater production activities after school, evenings, weekends and affiliation with the student organization.</p>	<p>Prerequisite: Theater 1-2 Credit: 1/ CTE Location: WCHS</p>

PERFORMING ARTS – THEATER

Description	Details
<p>Stagecraft Design & Production 3-4 Students will build on the skills learned in Stagecraft Production 1-2 with an emphasis on stage production, design, and production leadership. Advanced skills and techniques are developed through the completion of more complex hands-on projects. Students will have opportunities to become crew heads, assistants and stage managers. Students will become familiar with career and occupational opportunities within the field and will have an opportunity to show their work, make design presentations and present portfolios for review by industry professionals. A commitment to after school, evenings, weekends and CTSO participation (the student organization) is expected.</p>	<p>Prerequisite: Stagecraft Production 1-2 Credit: 1/ CTE Location: WCHS</p>
<p>Stagecraft Design & Production Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 60 hours per semester of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Stagecraft Production 3-4 Credit: 1/ CTE Location: WCHS</p>
<p>Fine Arts Tutor Students will play a pivotal role in supporting and guiding fellow students in their artistic pursuits. In this course, students will support the teacher with one-on-one tutoring, small group tutoring, providing feedback, and helping peers build their artistic skills. Students will work directly with the teacher or learn how to best support the goals of the students and arts program.</p>	<p>Prerequisite: Approval by Teacher Credit: 1/ Repeatable Location: All</p>
<p>Theater, Cinema and Film Production Students will be introduced to the basics of film and theater production. Elements of lighting, sound, wardrobe and camerawork will be studied. Addition, the history of film and theater will be examined.</p>	<p>Prerequisite: None Credit: 1/ Elective Location: iSchool</p>

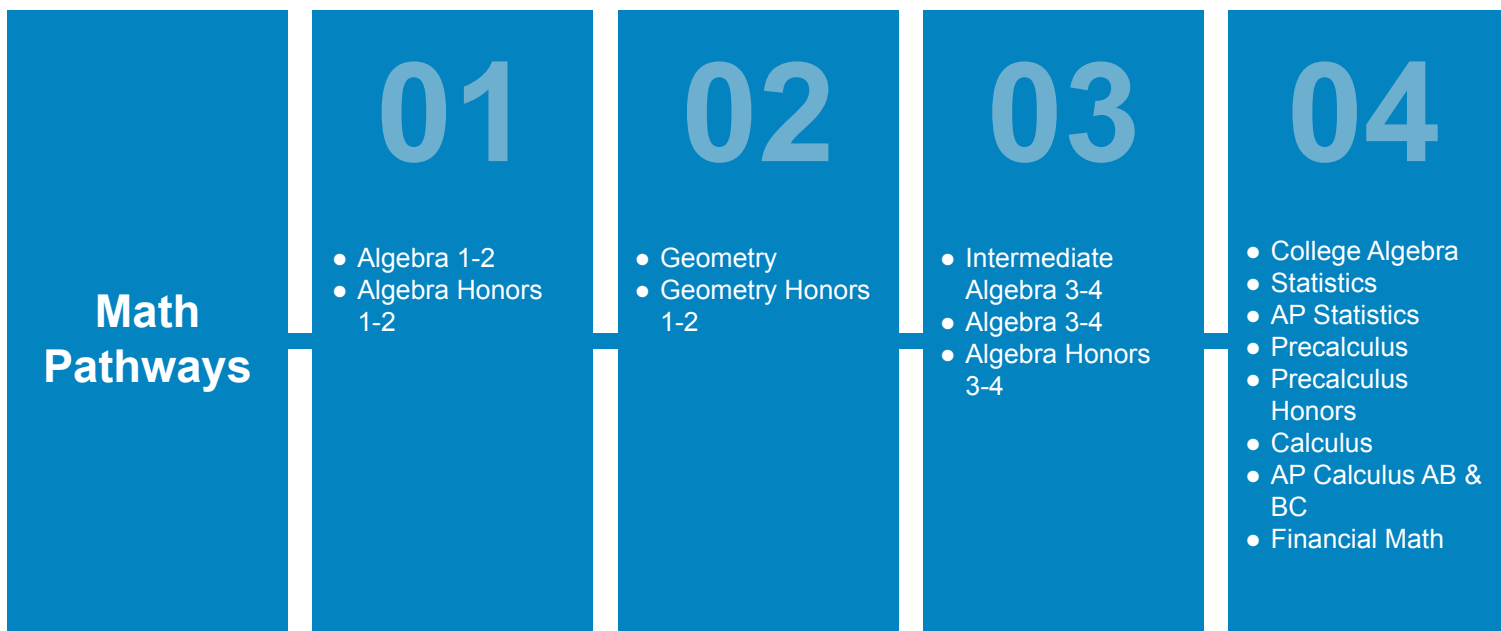
MATHEMATICS

One-Credit Courses
Algebra 1-2
Algebra Honors 1-2
Geometry 1-2
Geometry Honors 1-2
Intermediate Algebra 3-4
Algebra 3-4
Algebra Honors 3-4
College Algebra 1-2
Statistics 1-2
AP Statistics 1-2
Probability and Statistics 1-2

One-Credit Courses
AP Precalculus
Calculus
AP Calculus AB
AP Calculus BC
Financial Mathematics

One-Credit Courses
Algebra Essentials 1-2
Geometry Essentials 1-2
Intermediate Algebra Essentials 3-4
Financial Math Essentials 3-4
Algebra Strategies 1-2
Geometry Strategies 1-2
Intermediate Algebra Strategies 3-4
Financial Math Strategies 3-4

One-Credit Elective Courses
AP Computer Science Principles 1-2
AP Computer Science A
Math Lab 1-2



MATHEMATICS

Description	Details
<p>Algebra 1-2 Students will study algebraic models, functions, sequences, statistical models, polynomial operations and quadratics.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>Algebra Honors 1-2 Students will study algebraic models, functions, sequences, statistical models, polynomial operations and quadratics plus radical and inverse functions. This course provides a more rigorous approach to the topics covered in Algebra 1-2 as preparation of AP or IB programs.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>Geometry 1-2 Students will examine foundations of geometry, rigid transformations, prove geometric theorems, construct, similar and congruent figures, parallel and perpendicular lines with transversals, learn trigonometry, and properties of circles.</p>	<p>Prerequisite: Algebra 1-2 Credit: 1 Location: All, iSchool</p>
<p>Geometry Honors 1-2 Students will examine rigid transformations, prove geometric theorems, similar and congruent figures, parallel and perpendicular lines with transversals, intro to trigonometry, and properties of circles. This course provides a more rigorous approach to the topics covered in Geometry 1-2 as preparation of AP or IB programs.</p>	<p>Prerequisite: Algebra 1-2 or Algebra Honors 1-2 Credit: 1 Location: All, iSchool</p>
<p>Intermediate Algebra 3-4 Students will develop Algebra 3-4 concepts while remediating fundamental algebraic skills for students who did not achieve mastery in Algebra 1-2. Students will extend algebraic and geometric concepts and apply these to polynomial, radical (including complex), rational, exponential (with real coefficients) and logarithmic functions. Students will examine data on two quantitative variables to choose functions to make conclusions in context of the data. <i>*Students can only receive a Math credit for Intermediate Algebra or Algebra 3-4, not both. This course fulfills Arizona university entrance requirements.</i></p>	<p>Prerequisite: Algebra 1-2 and Geometry Credit: 1 Location: All, iSchool</p>
<p>Algebra 3-4 Students will study functions and relations, systems of equations and inequalities including, exponential, logarithmic, polynomial, rational, radical, exponential, logarithmic and trigonometric functions. A graphing calculator is strongly recommended.</p>	<p>Prerequisite: Geometry 1-2 Credit: 1 Location: All, iSchool</p>

MATHEMATICS

Description	Details
<p>Algebra Honors 3-4 Students will study functions and relations, systems of equations and inequalities including: logarithmic, polynomial, rational, radical, exponential, logarithmic and trigonometric functions. A graphing calculator is strongly recommended. This course provides a more rigorous approach to the topics covered in Algebra 3-4 as preparation of AP or IB programs.</p>	<p>Prerequisite: Geometry 1-2 or Geometry Honors 1-2 Credit: 1 Location: All, iSchool</p>
<p>College Algebra 1-2 Students will focus on the analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, using multiple methods including matrices, modeling and solving real world problems, and defining and illustrating sequences and series. *Course may be offered for Dual Enrollment pending instructor availability. (Math 151).</p>	<p>Prerequisite: Intermediate Algebra, Algebra 3-4 or Algebra Honors 3-4 Credit: 1 Location: All</p>
<p>Statistics 1-2 Students will study basic concepts and applications of statistics, including data description, estimation and hypothesis tests. A graphing calculator is strongly recommended. *Course may be offered for Dual Enrollment pending instructor availability. (Math 206 Statistics).</p>	<p>Prerequisite: Intermediate Algebra, Algebra 3-4 Credit: 1 Location: All</p>
<p>AP Statistics 1-2 Students will conduct an exploratory analysis of data with an emphasis on interpreting information from a variety of sources. Students will plan and conduct a study using sampling and experimentation. Additionally, students will anticipate patterns utilizing probability and simulation. *Course may be offered for Dual Enrollment pending instructor availability. *Students are expected to take the AP Exam.</p>	<p>Prerequisite: Intermediate Algebra, Algebra 3-4 or Algebra 3-4 Honors Credit: 1 Fees: AP Exam Fee Location: All, iSchool</p>
<p>Probability and Statistics 1-2 Students will be introduced to exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and employing statistical inference to analyze data and draw conclusions.</p>	<p>Prerequisite: Intermediate Algebra or Algebra 3-4 Credit: 1 Location: iSchool</p>
<p>AP Precalculus Students will explore polynomial, rational, exponential, logarithmic, trigonometric, polar functions and functions involving parametrics, vectors and matrices. *Course may be offered for Dual Enrollment pending instructor availability. (Math 187) *Students are encouraged to take the AP Exam.</p>	<p>Prerequisite: Algebra 3-4 or Algebra Honors 3-4 Credit: 1 Location: All, iSchool</p>
<p>Calculus Students will go through a study of limits, continuity, differentiation, and integration of algebraic, trigonometric and transcendental functions, and the applications of derivatives and integrals.</p>	<p>Prerequisite: Pre-Calculus or Precalculus Honors Credit: 1 Location: iSchool</p>
<p>AP Calculus AB Students will explore limits, continuity, differential and integral calculus of functions of one variable. *Course may be offered for Dual Enrollment pending instructor availability. (Math 221) *Students are expected to take the AP Exam.</p>	<p>Prerequisite: Precalculus or Precalculus Honors Credit: 1 Fees: AP Exam Fee Location: All, iSchool</p>

MATHEMATICS

Description	Details
<p>AP Calculus BC Students will study techniques of integration for both proper and improper integrals with applications to the physical and social sciences, elements of analytic geometry, and the analysis of sequences and series. *Course may be offered for Dual Enrollment pending instructor availability. (Math 231) *Students are expected to take the AP Exam.</p>	<p>Prerequisite: AP Calculus AB Credit: 1 Fees: AP Exam Fee Location: All, iSchool</p>
<p>Financial Mathematics Students will study basic financial planning concepts and illustrate how these concepts apply to everyday life. Topics covered include career planning and development, goal setting, personal budgeting, cash flow analysis, financial statements, tax planning, use of credit, savings and investment programs, changes in housing situations, major consumer purchases, insurance needs, retirement, and estate planning.</p>	<p>Prerequisite: Intermediate Algebra or Algebra 3-4 Credit: 1 Location: All, iSchool</p>
<p>Algebra Essentials 1-2 Students will address basic number sense, algebra and geometry, statistics and functions, and life skills. Emphasis is on identifying positive and negative numbers, applying money and time skills in real world situations. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Geometry Essentials 1-2 Students will address basic number sense, algebra and geometry, statistics and functions, and life skills. Emphasis is on adding and subtracting decimals, multiplying and dividing whole numbers, and identifying parts of a right triangle in real world objects. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Intermediate Algebra Essentials 3-4 Students will address basic number sense, algebra and geometry, statistics and functions and life skills. Emphasis is on being able to identify different parts of an expression, writing and solving number problems, and solving real-world problems. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Financial Math Essentials 3-4 Students will address basic number sense, algebra and geometry, statistics and functions, and life skills. Emphasis is on writing and solving equations with one variable, represent real world problems using algebraic expressions, functions, and percentages. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Algebra Strategies 1-2 Students will focus on algebraic concepts including linear equations, functions, systems, quadratics and statistics. This course will support students post-secondary transition plan.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Geometry Strategies 1-2 Students will focus on foundational geometry, parallel and perpendicular lines, triangles, congruence and circles. Other topics covered include polygons, and quadrilaterals, similarity, right triangle trigonometry, surface area and volume, and transformational geometry. This course will support students post-secondary transition plan.</p>	<p>Prerequisite: As determined by student's IEP and Algebra Strategies 1-2 Credit: 1 Location: All</p>

MATHEMATICS

Description	Details
<p>Intermediate Algebra Strategies 3-4 Students will extend algebraic and geometric concepts and apply these to polynomial, radical (including complex), exponential (with real coefficients) and logarithmic functions. Students will examine data to choose functions to make conclusions in context of the data. This course will support students' post-secondary transition plan.</p>	<p>Prerequisite: As determined by student's IEP and Geometry Strategies 1-2 Credit: 1 Location: All</p>
<p>Financial Math Strategies 3-4 Students will focus on basic financial planning concepts and illustrates how these concepts apply to everyday life. Topics covered include career planning and development, goal setting, personal budgeting, financial statements, tax planning, use of credit, savings and investment programs, changes in housing situations, major consumer purchases, insurance needs, and retirement. For success in this course, a scientific calculator is strongly recommended. This course will support students' postsecondary transition plan.</p>	<p>Prerequisite: As determined by student's IEP, and Intermediate Algebra Strategies 3-4 Credit: 1 Location: All</p>
<p>Math Lab 1-2 Students will focus on the concepts of number sense, numerical operations as it applies to the rational and irrational number systems, estimation, statistics, probability, systematic listing and counting, patterns, functions and relationships, and algebraic representations. Math Lab must be taken concurrently with an additional math class.</p>	<p>Prerequisite: None Credit: 1 (elective) repeatable Location: All</p>
<p>AP Computer Science Principles 1-2 Students will study fundamental programs and a variety of applications of programming as well as the creation of digital artifacts similar to processes used by professional engineers and computer scientists. *Students are expected to take the AP exam.</p>	<p>Prerequisite: Algebra 1-2 Credit: 1 (elective) Location: All</p>
<p>AP Computer Science A Students will develop the skills to write programs or part of programs to correctly solve specific problems. AP® Computer Science A emphasizes the design issues that make programs understandable, adaptable, and reusable. The development of useful computer programs and classes is used to introduce other important concepts, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.</p>	<p>Prerequisite: Algebra 1-2 Credit: 1 (elective) Location: iSchool</p>

NON-DEPARTMENTAL COURSES

One-Credit Elective Courses
Academic Strategies
Community, Home and Life Extension 1-8
Academic Decathlon Honors
Leadership 1-2
Principles of Public Service
Professional Internship
Ready to Work 1-8
Student Council
Work Based Learning
Student Assistant

.5 Credit Elective Courses
Advertising and Sales Promotion
Broadcast Internship
Careers in Criminal Justice
Criminology
Game Design 1a
Game Design 1b
Health I- Life Management Skills
Introduction to Military Careers
Law and Order: Introduction to Legal Studies
Learning in a Digital World: Strategies for Success

.5 Credit Elective Courses
Life Skills: Navigating Adulthood
National Security
Nutrition and Wellness
Personal and Family Finance
Freshman Experience
Sophomore Experience
Junior Experience
Gun Safety Course

2 Credit Elective Courses
TOPS: Transition Opportunities and Pre-employment Skills

Description	Details
<p>Academic Strategies Students will learn skills in organization, reading, note taking, test taking, study skills, time management skills, communication and self-advocacy with an emphasis on application of strategies to content areas.</p>	<p>Prerequisite: Determined by student's IEP Credit: 1 Location: All</p>
<p>Broadcast Internship Students will experience on-the-job training in the broadcasting career path. Students will complete 65 hours of field work during a semester. Artifacts include a complete portfolio, goal sheets, self evaluations, mock interview, instructor field evaluations, written summary and reflection. Students must provide their own transportation to the internship site. A letter grade will be awarded (A-F) based on work attendance, completion of course work and evaluations.</p>	<p>Prerequisite: Must have own transportation Credit: .5/ Repeatable up to 2.0 Credits Location: All</p>
<p>Community, Home and Life Extension 1-8 Students will participate in learning environment along with activities that are age/ability appropriate in socialization and independence in the domestic, recreational/leisure and community domains which will occur in a variety of integrated settings. Students will receive instruction through activities that include hygiene, health and safety, appropriate work behavior and money skills.</p>	<p>Prerequisite: Determined by student's IEP Credit: 1 Grade: 18-22 Years Old Location: All</p>
<p>Academic Decathlon Honors Students will be exposed to the integrated nature of human experience. Students will conduct research and critical inquiry into a broad array of academic disciplines and communication skills covering this year's theme. Students will evaluate material covered in the course from ethical, aesthetic, and intellectual perspectives. Students will master the basic content knowledge requirements of the academic areas of art, economics, language, literature, music, physical or social science, speech and the super quiz topic. Participation in at least one competition is required.</p>	<p>Prerequisite: None Credit: 1/Repeatable/ Elective Location: All</p>

NON-DEPARTMENTAL COURSES

Description	Details
<p>Leadership 1-2 Students will build real world leadership and public speaking skills. In this course students will participate in event planning, goal setting, mentoring, tutoring and team building. Students will become an active part of building a positive school culture amongst peers.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Principles of Public Service Students will focus on parts of public service, a field that focuses on building healthy societies. Public Service includes many different types of careers, but they all have in common with the goal of working for others. This course will explore some of the most common career paths in public service. Working for the public also comes with a very specific set of expectations since protecting society is such an important mission.</p>	<p>Prerequisite: None Credit: .5 Location: iSchool</p>
<p>Professional Internship Students, who are juniors or seniors, will find or be assisted in obtaining opportunities to realistically investigate professional fields based on their career goals and future employment. The students will receive training on employability skills, educational perspective, and information on career demands, outlook, advantages and disadvantages. Grades will be pass/ fail and based on work attendance, completion of coursework in Schoology via reflections on the work experience and an exit interview. The students employer will need to sign off on the hours work and assessment of the student's performance as an employee. Prior to the student being enrolled in the class the student must complete the Student Information Form/ Contract. Students are responsible for their own transportation. 130 work hours will equate to a credit. 130 total work hours / 65 work hours per semester.</p>	<p>Prerequisite: Must have own transportation Credit: 1/ Repeatable Location: All</p>
<p>Ready to Work 1-8 Students will address the basic, workplace skills of students with significant disabilities who access the Arizona Alternate Academic Standards. The focus of Ready to Work is on prerequisite career development skills. It introduces students to the world of work and develops programs that involve students in real, workplace situations. Students will complete activities that focus on work readiness such as effective oral, written, and listening communication skills. Student will also complete activities that focus on decision-making in school or the workplace. The course is aligned to the Arizona Workplace Standards.</p>	<p>Prerequisite: Determined by student's IEP Credit: 1 Location: All</p>
<p>Student Council Students will focus on refining and implement leadership skills. This class gives practical experience in the areas of planning, conducting, coordinating, and developing leadership and responsibility. *Students are elected in a student body election.</p>	<p>Prerequisite: Elected as a student body officer Credit: 1/Repeatable Location: All</p>
<p>TOPS:Transition Opportunities and Pre-employment Skills Students participating in the TOPS program will explore several careers related to their postsecondary goals. The program will also consist of employability skills and self-advocacy training. There is not cost. Course: Career Strategies 1-2 and Career Skills 1-2</p>	<p>Prerequisite: Determined by student's IEP Credit: 2 Location: West-MEC</p>

NON-DEPARTMENTAL COURSES

Description	Details
<p>Work Based Learning Students, who are juniors or seniors, may participate in the work based learning program outside of the school day. The course will be recorded as an additional period in Infinite Campus. Grades will be pass/ fail and based on work attendance, completion of coursework in Schoology via reflections on the work experience and an exit interview. The students employer will need to sign off on the hours worked and assessment of the student’s performance as an employee. Prior to the student being enrolled in the class, the student must complete the Student Information Form/ Contract. Students are responsible for their own transportation. 130 work hours/65 hours per semester, will equate to a credit. *A maximum of 2 credits can be earned and cannot be combined with Professional Internship.</p>	<p>Prerequisite: Must have own transportation Credit: 1/ Repeatable Location: All</p>
<p>Advertising and Sales Promotion Students will learn how these marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them as well as learn about different marketing career opportunities.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Careers in Criminal Justice Students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Criminology Students will study the field of Criminology – the study of crime. They will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Game Design 1a Students will learn the skills needed to conceptualize, design, and fully create your very own video game by exploring various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Game Design 1b Students will go into deeper detail with the skills needed to conceptualize, design, and fully create your very own video game by exploring various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Health I- Life Management Skills Students will learn how to promote better health, less stress, and a fuller life for themselves as well as explore lifestyle factors that can influence health.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Introduction to Military Careers Students will be provide the information needed to gain a broader understanding of Military Careers. Students will learn about the five military branches—Air Force, Army, Coast Guard, Marines Corps, and Navy—and examine various jobs within such as aviation, to medicine, to law enforcement.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Law and Order: Introduction to Legal Studies Students will learn the importance of laws and consider how their application affects us as individuals and communities, understand the court system, and how laws are enacted.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>

NON-DEPARTMENTAL COURSES

Description	Details
<p>Learning in a Digital World: Strategies for Success Students will discover what it means to be a responsible digital citizen, expand their digital literacy, and become a successful online student.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Life Skills: Navigation Adulthood Students will learn more about themselves, how to become a valuable contributing member of society, and how to prepare for the future by exploring goal setting, decision making, and surviving college and career.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>National Security Students will learn the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Nutrition and Wellness Students will learn the essential skills needed to pursue a healthy, informed lifestyle.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Personal and Family Finance Students will learn how to spend and save money wisely, investing in safe opportunities, and the days ahead by learning key financial concepts around taxes, credit, and money management.</p>	<p>Prerequisite: None Credit: .5/ Elective Location: iSchool</p>
<p>Freshman Experience Students will study communication, organization, decision making and problem solving skills. They will work with the teacher to goal set regarding grades, action plan and assess their progress. They will also work on career and college exploration.</p>	<p>Prerequisite: None Credit: .5/ Elective/ Repeatable Location: All</p>
<p>Sophomore Experience Students will work on communication, organization and decision making skills. Time management will be emphasized. There will be a specific focus on both written and verbal communication skills. Students will also be provided additional support in core areas, in which they may be struggling.</p>	<p>Prerequisite: None Credit: .5/ Elective/ Repeatable Location: All</p>
<p>Junior Experience Students will focus on organization and effective time management. They will also work on preparing for the ACT exam. They will explore college entrance requirements, the application process and ready to work skills.</p>	<p>Prerequisite: None Credit: .5/ Elective/ Repeatable Location: All</p>
<p>Gun Safety Students will receive instruction on the rules of firearm safety, basic operation of firearms, history of firearms, the role of firearms in preserving peace and freedom, the constitutional roots of the right to keep and bear arms.</p> <p>**Optional range work may occur after school hours and/ or Saturdays. ***Parent signed permission is required to take the course.</p>	<p>Prerequisite: None Credit: .5/ Elective/ Not Repeatable Location: All Fee: \$50</p>
<p>Student Assistant Students will support teachers, administrators and/or school counselors in completing tasks. Students will work on gilding job readiness skills such as communication, problem solving, time management, reliability and attention to detail.</p>	<p>Prerequisite: Approval of Teacher/Counselor Credit: .1/Elective Location: All</p>

PHYSICAL EDUCATION & HEALTH SCIENCES

One-Credit Courses
Physical Education/Health Sciences
Unified Physical Education
Yoga Fitness

One-Credit Elective Courses
Sports Officiating

.5 Credit Courses
Lifetime Sports
Aerobics
Physical Conditioning Boys/ Girls
Advanced Physical Conditioning
Physical Education: Sports Fundamentals 1-8
Racquet Sports
Yogalates
Walking for Fitness

.5 Credit Courses
Soccer for Beginners
Intro to Track and Field
Body Sculpting
Health
Competitive Athletics
Competitive Athletics Honors

Description	Details
<p>Physical Education/Health Sciences Students will develop skills in team and individual sports, personal fitness and health related activities. Students will study the complexities of body and mind and how to maintain good health. Physical Education clothes are required.</p>	<p>Prerequisite: None Credit: 1 Fees: Uniform/Locker Fee Location: All, iSchool</p>
<p>Unified Physical Education Unified Physical Education is based on the Special Olympics Unified Sports® Program. Unified Sports® combines students with intellectual disabilities (athletes) and students without disabilities (partners) for sports training and competition. Sports include athletics, basketball, bocce, bowling, cheerleading, flag football, floor hockey, soccer, softball, tennis, and volleyball. Students will have the opportunity to compete in Special Olympics Arizona Area and State Games.</p>	<p>Prerequisite: None Credit: 1/Repeatable Fees: None Location: All</p>
<p>Competitive Athletics Students will participate in weight training and physical conditioning routines that compliment their sport of interest.</p>	<p>Prerequisite: Approval of Head Coach Credit: .5/Repeatable Fees: Locker Fee Class Fee: \$25 Location: All</p>
<p>Competitive Athletics Honors Students will participate in weight training and physical conditioning routines that compliment the sport of their interest. In addition to the requirements of the regular class, students in the honors track will be required to compose essays on five topics and take additional test concepts that assess their understanding of core concepts.</p>	<p>Prerequisite: Approval of Head Coach Credit: .5/Repeatable Fees: Locker Fee Class Fee: \$25 Location: All</p>

PHYSICAL EDUCATION & HEALTH SCIENCES

Description	Details
<p>Yoga Fitness Students will learn the skills of various yoga techniques. By the end of class, students will be able to perform their own yoga sequences so they can continue incorporating yoga into their daily life. Through the class students will strengthen and stretch muscles, improve balance and focus. Students will also study healthy habits as a means of improving quality of lives.</p> <p>*Equipment: Students need to provide their own yoga mat.</p>	<p>Prerequisite: None Credit: 1/Repeatable Fees: Locker Fee Location: All</p>
<p>Sports Officiating Students will learn to officiate sports at an introductory level. Areas of study include: officiating and rules and regulations of team sports.</p>	<p>Prerequisite: PE Credit: 1/ Elective Fees: None Location: All</p>
<p>Lifetime Sports Students will participate in golf, tennis, bowling, badminton, pickleball and other recreational activities.</p>	<p>Prerequisite: Boys/Girls Physical Education/Health Sciences Credit: .5/Repeatable Fees: Locker Fee Location: All</p>
<p>Aerobics Students will participate in exercise using a variety of music and videos. Students will improve personal fitness using light weights, stretch tubes, high/low impact aerobics, kickboxing, and step aerobics. Physical Education clothes and athletic shoes are required.</p>	<p>Prerequisite:Boys/Girls Physical Education/Health Sciences Credit: .5/Repeatable Fees: Locker Fee Location: All</p>
<p>Physical Conditioning Boys / Girls Students will participate in a variety of physical fitness activities including fitness testing. Emphasis will be on weight training principles and developing a sport-specific training program to improve athletic performance.</p>	<p>Prerequisite:Boys/Girls Physical Education/Health Sciences Credit: .5/Repeatable Fees: Uniform/Locker Fee Location: All, iSchool (1 semester)</p>
<p>Advanced Physical Conditioning Students will participate in physical training activities such as: Olympic style lifts, plyometrics, speed training, and nutrition. Students will be expected to create their own workout, as well as instruct other students on proper lifting techniques and safety.</p>	<p>Prerequisite: Physical Conditioning Credit: .5 (May be repeated for credit) Fees: Uniform/Locker Fee Location: All</p>
<p>Physical Education: Sports Fundamentals 1-8 Sports Fundamentals 1-8 is designed to provide the fundamental skills needed to participate in lifelong sports activities according to the student's ability and need.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1/Repeatable Location: All</p>

PHYSICAL EDUCATION & HEALTH SCIENCES

Description	Details
<p>Racquet Sports Students will participate in various racquet sports.</p> <p>*Students who chose this option for PE credit, also need a semester of health.</p>	<p>Prerequisite: None Credit: .5/ Repeatable Fees: Locker Fee Location: DHS, SRHS, VVHS</p>
<p>Yogalates Students will learn stretching and strengthening of the major muscle groups.</p> <p>*Students who chose this option for PE credit, also need a semester of health.</p>	<p>Prerequisite: None Credit: .5/ Repeatable Fees: Locker Fee Location: DHS, SRHS, VVHS</p>
<p>Walking for Fitness Students will gain increased fitness through walking as a lifetime exercise.</p> <p>*Students who chose this option for PE credit, also need a semester of health.</p>	<p>Prerequisite: None Credit: .5/ Repeatable Fees: Locker Fee Location: DHS, SRHS, VVHS</p>
<p>Soccer for Beginners Students will learn the fundamentals of soccer.</p> <p>*Students who chose this option for PE credit, also need a semester of health.</p>	<p>Prerequisite: None Credit: .5/ Repeatable Fees: Locker Fee Location: DHS, VVHS</p>
<p>Intro to Track and Field Students will learn track and field sports.</p> <p>*Students who chose this option for PE credit, also need a semester of health.</p>	<p>Prerequisite: None Credit: .5/ Repeatable Fees: Locker Fee Location: DHS, VVHS</p>
<p>Body Sculpting Students will learn how to control and change their body using conditioning, aerobic exercise, and nutrition and diet.</p> <p>*Students who chose this option for PE credit, also need a semester of health.</p>	<p>Prerequisite: None Credit: .5/ Repeatable Fees: Locker Fee Location: DHS, VVHS</p>
<p>Health Students will be introduced to a variety of wellness issues: nutrition, fitness routine, sleep patterns, and mindfulness.</p> <p>*Students must also take another PE credit.</p>	<p>Prerequisite: None Credit: .5/ Repeatable Fees: Locker Fee Location: DHS, SRHS, VVHS</p>

**The combination of a .5 course and Health meet the Dysart graduation requirement.

SCIENCE

One-Credit Courses
Biology 1-2
Biology Honors 1-2
Conceptual Physics 1-2
Conceptual Physics Honors 1-2
Integrated Science 1-2
Chemistry 1-2
Chemistry Honors 1-2
Environmental Science 1-2
Geo-Space Science 1-2
Physics 1-2
Physics Honors 1-2
Anatomy/Physiology 1-2
Anatomy/Physiology Honors 1-2

One-Credit Courses
Physical Science 1-2
AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1
AP Physics 2
AP Physics C
Science Essentials 1-2
Science Essentials 3-4
Science Essentials 5-6

One-Credit Elective Courses
Forensics 1-2
Forensics: The Science of the Crime 1-2
.5 Credit Elective Courses
Agriscience II: Sustaining Human Life
Astronomy
Biotechnology
Concepts of Engineering and Technology
Forestry and Natural Resources
Great Minds in Science
Introduction to Manufacturing Product Design and Innovation
Introduction to Renewable Technologies

SCIENCE

Science Pathways	<p>01</p> <ul style="list-style-type: none"> • Integrated Science 	<p>02</p> <ul style="list-style-type: none"> • Biology • Biology Honors 	<p>03</p> <ul style="list-style-type: none"> • Physical Science • Environmental Science • Chemistry • Chemistry Honors 	<p>The following may be taken as a fourth year course or students may be concurrently enrolled with another Science as long as prerequisites have been met.</p> <ul style="list-style-type: none"> • AP Biology • AP Chemistry • AP Environmental • Anatomy /Physiology • Anatomy /Physiology Honors
Science Pathways	<p>01</p> <ul style="list-style-type: none"> • Conceptual Physics • Conceptual Physics Honors 	<p>02</p> <ul style="list-style-type: none"> • Biology • Biology Honors 	<p>03</p> <ul style="list-style-type: none"> • Chemistry • Chemistry Honors 	
Science Pathways	<p>01</p> <ul style="list-style-type: none"> • Biology • Biology Honors 	<p>02</p> <ul style="list-style-type: none"> • Chemistry • Chemistry Honors 	<p>03</p> <ul style="list-style-type: none"> • Physics 1-2 • AP Physics 	

Arizona Colleges require three different lab based sciences which are an entire year in length. These may include: biology, chemistry, earth science or physics. A laboratory-based integrated science course may be allowed to substitute for one of the three lab sciences.

SCIENCE

Description	Details
<p>Biology 1-2 Students will explore the cell, molecular basis of heredity, interdependence of organisms, biological evolution, energy and organization in living systems. This course satisfies the lab requirement for state universities.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>Biology Honors 1-2 Students will explore cell structure, genetics and ecology. A high level of reading ability, self motivation, and recording of lab observations will be expected. This course satisfies the lab requirement for the state universities. *Course may be offered for dual enrollment pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>Conceptual Physics 1-2 Students will explore motion, force, density, sound, light, electricity, temperature, magnetism and basic atomic/quantum theory. This course satisfies the lab requirement for state universities Prerequisite: Completion of Algebra 1-2 or concurrent enrollment in Algebra 1-2.</p>	<p>Prerequisite: Completion of Algebra 1-2 or concurrent enrollment Credit: 1 Location: All</p>
<p>Conceptual Physics Honors 1-2 Students will apply mathematical thinking to mechanics, electricity and magnetism, heat and modern physics. This course is designed for the academically motivated student. This course satisfies the lab requirement for state universities.</p>	<p>Prerequisite: Completion of Algebra 1-2 or concurrent enrollment Credit: 1 Location: All</p>
<p>Integrated Science 1-2 Students will examine the Earth's interconnected systems and how they change due to natural processes. The study of matter and energy will be explored in this course, as they are the driving forces of systems interactions both on Earth and the Universe. This course satisfies the integrated lab science requirement for state universities.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Chemistry 1-2 Students will investigate the structure and properties of matter and the changes it can undergo. Topics include the structure of the atom and relationship to the periodic table, formation of molecules, and chemical reactions. This course satisfies the lab requirement for state universities.</p>	<p>Prerequisite: Completion of Biology 1-2 and Algebra 1-2 Credit: 1 Location: All, iSchool</p>
<p>Chemistry Honors 1-2 Students will examine the nature of physical and chemical changes, with emphasis on quantitative analysis. A high level of reading and math ability, as well as self motivation will be expected. This course satisfies the lab requirement for the state universities.</p>	<p>Prerequisite: Completion of Biology 1-2 and Algebra 1-2 Credit: 1 Location: All, iSchool</p>
<p>Environmental Science 1-2 Students will analyze the relationships of living organisms to both living and nonliving components of ecosystems. Human impact on natural systems will also be explored. This course satisfies the integrated lab science requirement for state universities. Also integrates Chemistry concepts.</p>	<p>Prerequisite: Biology 1-2 & completion of 1 core science course Credit: 1 Location: All</p>

SCIENCE

Description	Details
<p>Physics 1-2 Students will develop an understanding of motion, forces, energy, and energy conservation. Emphasis is on scientific inquiry, problem solving, and analyzing laboratory results. This is a laboratory science course that meets the entrance requirements for university admission in Arizona.</p>	<p>Prerequisite: Passing grade in Algebra 1-2 & Biology 1-2 & Chemistry 1-2 Credit: 1 Location: All, iSchool</p>
<p>Physics Honors 1-2 Students will use mathematics to analyze mechanics, electricity and magnetism, heat and modern physics. This is a laboratory science course that meets the entrance requirements for university admission in Arizona.</p>	<p>Prerequisite: Passing grade in Algebra 1-2 & Biology 1-2 & Chemistry 1-2 Credit: 1 Location: All, iSchool</p>
<p>Anatomy/Physiology Honors 1-2 Students will explore structure and function of the human body in health and disease. Specific chemistry concepts are studied as they relate to the human body. This course does include dissections. *Course may be offered for Dual Enrollment pending instructor availability.</p>	<p>Prerequisite: Biology 1-2 & Completion of 2 core science courses. Concurrent enrollment in 3rd core science allowed Credit: 1 Location: All, iSchool</p>
<p>Anatomy/Physiology Honors 1-2 Students will explore the structure and function of the major human body systems. This advanced level course serves as preparation for medical sciences and will include multiple lab practicals as a way of assessing student knowledge. This course does include dissections. Honors Anatomy and Physiology satisfies the advanced lab course requirement for the state universities. *Course may be offered for dual enrollment pending instructor availability.</p>	<p>Prerequisite: Biology 1-2 & completion of 2 core science courses. Concurrent enrollment in 3rd core science allowed Credit: 1 Location: All, iSchool</p>
<p>Physical Science 1-2 Students will investigate concepts of chemistry and physics, as well as mathematical applications. This laboratory-centered course involves students in building conceptual and mathematical models, as well as hands-on lab experiences. This course satisfies the integrated lab science requirement for state universities.</p>	<p>Prerequisite: Completion of Biology and one other core science course. Credit: 1 Location: All</p>
<p>AP Biology Students will investigate the biochemical, homeostatic, and metabolic aspects of cell function, as well as gene regulation, the chromosomal and molecular basis of inheritance, human physiology, biotechnology, evolution, and ecology. Students are expected to take the AP Exam through which college credit may be earned. Students may receive dual enrollment credit pending instructor availability.</p>	<p>Prerequisite: Biology 1-2 & and either 2 other core courses, or concurrently enrolled into 3rd core course. Credit: 1 Fees: AP Exam Fee Location: All, iSchool</p>
<p>AP Chemistry Students will use both qualitative and quantitative analysis techniques to explore matter and the changes that it undergoes. This course is equivalent to a first year college chemistry course. Students are expected to take the AP Exam through which college credit may be earned. Students may receive dual enrollment credit pending instructor availability.</p>	<p>Prerequisite: Completion of Biology 1-2, Chemistry 1-2, and either completion or concurrently enrolled in 3rd year core course. Credit: 1 Fees: AP Exam Fee Location: All</p>

SCIENCE

Description	Details
<p>AP Environmental Science Students will focus on scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students identify and analyze environmental problems that are natural and human-made. Students are expected to take the AP Exam through which college credit may be earned. Students may receive dual enrollment credit pending instructor availability. *Course may be offered for dual enrollment pending instructor availability.</p>	<p>Prerequisite: Biology 1-2 & either 2 other core courses, or concurrently enrolled into 3rd core course. Credit: 1 Fees: AP Exam Fee Location: iSchool, All</p>
<p>AP Physics 1 Students will examine Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. This two-semester lab science course is the equivalent to a first-semester college course in algebra-based physics. Students are expected to take the AP Exam through which college credit may be earned. Students may receive dual enrollment credit pending instructor availability.</p>	<p>Prerequisite: Biology 1-2 & Chemistry 1-2 and concurrent enrollment in Algebra 3-4 Completion of two core science courses. Credit: 1 Fees: AP Exam Fee Location: All</p>
<p>AP Physics 2 Students will explore fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. This two-semester lab science course is the equivalent to a second-semester college course in algebra-based physics. Students are expected to take the AP Exam through which college credit may be earned.</p>	<p>Prerequisite: Physics 1-2 or AP Physics 1 (1-2) Credit: 1 Fees: AP Exam Fee Location: All</p>
<p>AP Physics C Students will examine mechanics, electricity, and magnetism. The sequence is parallel to or preceded by mathematics courses including calculus. The sequence is more intensive and analytic than the B course. Students are expected to take the AP Exam through which college credit may be earned.</p>	<p>Prerequisite: Physics 1-2 or AP Physics 1 or AP Physics 2 and concurrent enrollment in Calculus Credit: 1 Fees: AP Exam Fee Location: All</p>
<p>Science Essentials 1-2 Students will address all four areas. In Scientific Inquiry, students will use the scientific process throughout the year while focusing on the three types of science. In Earth and Space Science, the focus will be on the human impact on the environment. In Life Science, the focus will be on organisms (plants and animals). In Physical Science, the focus will be on Energy.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Science Essentials 3-4 Students will address all four areas. In Scientific Inquiry, students will use the scientific process throughout the year while focusing on the three types of science. In Earth and Space Science, the focus is on Earth geological processes. In Life Science, the focus is on biological processes. In Physical Science, the focus is on chemistry.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Science Essentials 5-6 Students will address all four areas. In Scientific Inquiry, students will use the scientific process throughout the year while focusing on all three types of science. In Earth and Space Science, the focus is on the solar system. In Life Science, the focus is on the Human body and its functioning.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>

SCIENCE

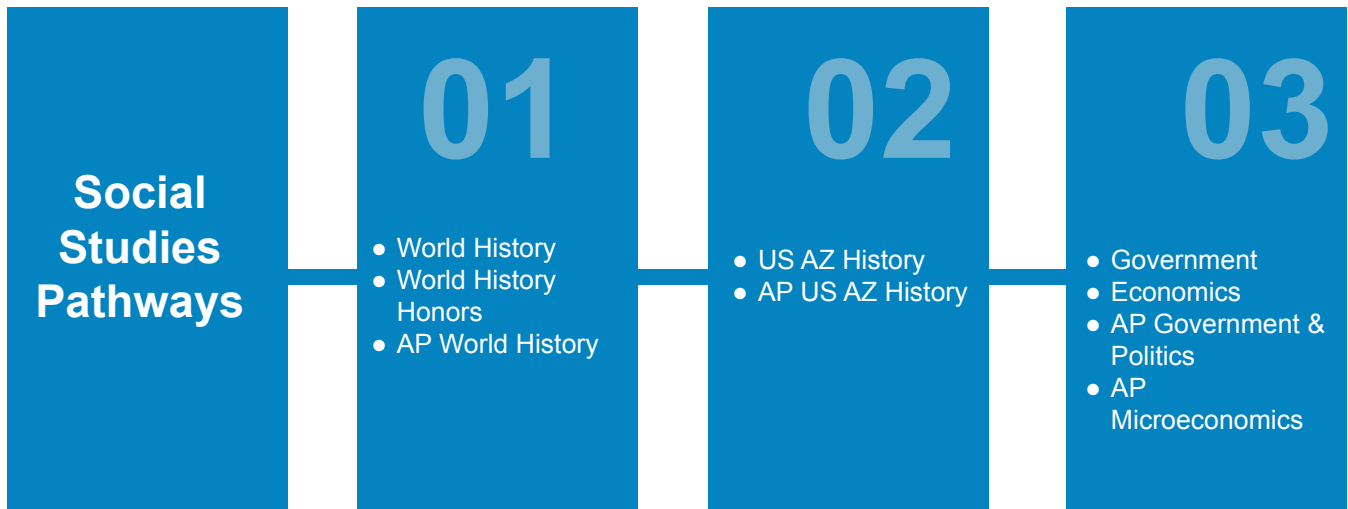
Description	Details
<p>Forensics 1-2 Students will explore how science and technology interact in the world of forensics. I Learn how to lift fingerprints, footprints, as well as collect and analyze DNA evidence. This course does not meet state high school graduation nor does it meet university entry requirements.</p>	<p>Prerequisite: Biology 1-2 & completion of 3 core science courses Credit: 1 Location: All</p>
<p>Forensics: The Science of the Crime 1-2 Students will explore the role science and technology play in this fascinating and growing career by learning the specialized skills and techniques used during a crime scene investigation and how evidence and data is expertly collected, preserved, and analyzed.</p>	<p>Prerequisite: None Credit: 1 (elective) Location: iSchool</p>
<p>Forestry and Natural Resources Students will learn forest ecology, management, and conservation. Topics include environmental policy, land use, water resources, and wildlife management as well as forestry related careers and important issues facing forestry professionals today.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Geo-Space Science 1-2 Students will study geochemical cycles, internal and external energy in the earth system, origin and evolution of the earth and the universe. This is a laboratory science course that meets the entrance requirements for university admission in Arizona.</p>	<p>Prerequisite: Completion of 3 core science courses Credit: 1 Location: All, iSchool</p>
<p>Marine Science 1-2 Students will explore how vital the ocean is to our existence. With a focus on conservation, students study marine animals, their interactions with each other and environment. Students tour the evolving seafloor, trenches, volcanoes, and ridges. Students discover waves, currents, tides, and other interactions between ocean and land. Students study the impacts on our blue planet and how they affect water, atmosphere, and climate.</p>	<p>Prerequisite: None Credit: 1 (elective) Location: iSchool</p>
<p>Agriscience II: Sustaining Human Life Students will build on existing knowledge of plant science and delve deeper into important areas such as soil science and weed management. This course covers horticulture and plant science trends from creating hybrid species to growing edible plants in unlikely places.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Astronomy Students will be introduced to the study of astronomy, its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Biotechnology Students will explore the history of biotechnology, including early attempts at food preservation, the development of antibiotics, and changes to food crops around the world. Students will learn more about some of the challenges of biotechnology, such as the growth of antibiotic resistant bacteria and questions about the safety of commercially produced genetically modified organisms. Students will also research new biotechnologies.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>

SCIENCE

Description	Details
<p>Concepts of Engineering and Technology Students will learn more about engineering and technology careers and what skills and knowledge is need to succeed in these fields. Students will explore innovative and cutting-edge projects that are changing the world we live in and examine the design and prototype development process.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Great Minds in Science Students will explore ten of today’s greatest scientific minds. Each unit takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow’s world.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Introduction to Manufacturing, Product Design, and Innovation Students will learn about the different types of manufacturing systems used to create the everyday products we depend on and how exciting, creative, and practical this industry can be. Students will discover the various career opportunities in the manufacturing industry, including those for engineers, technicians, and supervisors. As a culminating project, students will plan their own manufacturing process and create an entirely original product.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Introduction to Renewable Technologies Students will discover the cutting-edge field of renewable energy and the exciting new technologies that are making it possible. This course will explore new ways of generating energy and storing that energy, from biofuels to high-capacity batteries and smart electrical grids. Students will also learn about the environmental and social effects of renewable technologies and examine how people’s energy decisions impact policies.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>

SOCIAL STUDIES

One-Credit Courses	One-Credit Elective Courses	.5 Credit Elective Courses
World History 1-2	AP Human Geography	Entrepreneurship
World History Honors 1-2	Principles of Agriculture, Food, and Natural Resources	International Business
AP World History 1-2	Sociology	Introduction to Psychology
AP United States History 1-2	Psychology	Introduction to Sports and Entertainment Marketing
US/Arizona History 1-2	AP Psychology	Personal Psychology I
AP Comparative Government and Politics		Personal Psychology II
Social Studies Essentials 1-2	.5 Credit Elective Courses	Real World Parenting
Social Studies Essentials 3-4	Archeology	Social Media
Social Studies Essentials 5-6	AP Macroeconomics	World Cultures and Human Geography
		World Religions
		Human Rights
		U.S. Justice Systems
.5 Credit Courses		
American and Arizona Government		
AP United States Government and Politics		
Principles of Economics		
AP Microeconomics		



SOCIAL STUDIES

Description	Details
<p>World History 1-2 Students will explore a variety of people, events, and movements in world history with a focus on inquiry into the impact of social, geographic, political and economic influences on historical events including the study of peoples of Africa, the Americas, Asia and Europe.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>World History Honors 1-2 Students will research, read, write about and critically analyze topics such as: World Belief Systems; Interregional Interactions; Revolutions in Thought; Politics and Industry; World War One; World War Two; Genocides; Cold War; and Contemporary Global Issues, etc. This honors course will dive deeply and at a more rigorous pace into a variety of people, events, and movements in world history with a focus on inquiry into the impact of social, geographic, political and economic influences on historical events including the study of peoples of Africa, the Americas Asia and Europe.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>AP World History 1-2 Students will investigate significant events, individuals, developments, and processes from approximately 8000 B.C.E. to the present. The course provides opportunities for students to make connections regarding interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. *Students are expected to take the appropriate AP Exam. *May also be offered as Dual Enrollment credit: HIS 110-111, pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Fee: AP Exam Fee Location: All</p>
<p>AP United States History 1-2 Students will investigate significant events, individuals, developments, and processes from approximately 1491 to the present day. Students will use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. *Students are expected to take the AP Exam *May also be offered for Dual Enrollment credit: HIS 103-104, pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Fee: AP Exam Fee (Dual Enrollment if applicable) Location: All, iSchool</p>
<p>US/Arizona History 1-2 Students will explore events and movements in United States with a focus on inquiry into the evolution of American democratic principles, changes in society, economic and geographical development and the emergence of the United States as a global power.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>AP Comparative Government and Politics Students will be introduced to the fundamental tools utilized by political scientists to study the processes and outcomes of politics in a variety of country settings. Students will understand the major comparative politics and themes and generalizations, gain background knowledge of international political systems and governments, and compare and contrast international governments and political systems as presented in the course. May be offered as dual.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Social Studies Essentials 1-2 Students will address basics of world history. Emphasis is on increasing and refining the student's awareness of the students' place in the world, life changes, sequencing events, and conflict and resolution, including historical world events, that helps them approach responsible decision making and tolerance in real-life contexts. Students will use basic knowledge of world history as it pertains to the Social Studies standards. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>

SOCIAL STUDIES

Description	Details
<p>Social Studies Essentials 3-4 Students will address basics of US history. Emphasis is on increasing and refining the student's awareness of personal life, impact of events on life, sequence of national events, current state and national issues, and population changes impact on life, that helps them approach responsible decision making and tolerance in real-life contexts. Students will expand their knowledge of US history as it pertains to the Social Studies standards. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>Social Studies Essentials 5-6 Students will address basics of economics and civics/government. Emphasis is on increasing and refining the student's awareness of financial responsibility, insurance and benefits, needs and wants, forms of government, branches of government, laws, and current issues, that helps them approach responsible decision making and tolerance in real-life contexts. Students will apply their knowledge of economics and civics/government as it pertains to the Social Studies standards. This class is for students with significant disabilities who access the Arizona Alternative Academic Standards.</p>	<p>Prerequisite: As determined by student's IEP Credit: 1 Location: All</p>
<p>American and Arizona Government Students will explore history, principles, and foundations of our republic to prepare students to become active citizens. A comprehensive study of civics will be approached from many angles and perspectives with a focus on inquiry, foundations of governments, structures, elections, civil rights and liberties, public and foreign policies, etc.</p>	<p>Prerequisite: None Credit: .5 Location: All, iSchool</p>
<p>AP United States Government and Politics Students will analyze U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. This course is designed as a nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States *. This course will prepare and students are expected to take the Advanced Placed Exam *May also be offered for Dual Enrollment credit: POS 110, pending instructor availability.</p>	<p>Prerequisite: None Credit: .5 Fee: AP Exam Fee Location: All, iSchool</p>
<p>Principles of Economics Students will explore the economic reasoning process to make informed decisions in a wide variety of contexts. This course will align and comply to that of Arizona State Social Science Standards.</p>	<p>Prerequisite: None Credit: .5 Location: All, iSchool</p>
<p>AP Microeconomics Students will be introduced to the study of the consumers and producers that make up the economy: households, firms, governments, and community organizations. The course provides particular emphasis on the function of consumers and producers within the economic system. The course also offers analysis of the markets in which consumers and producers interact as well as non-market economics. *Students will be expected to take the AP exam.</p>	<p>Prerequisite: None Credit: .5 Location: All, iSchool</p>
<p>AP Human Geography Students will learn the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human social organization and its effect on the world in which we live. Students are challenged to use maps and geographical data to examine spatial patterns and analyze the changing interconnections among people and places. *Students are expected to take the AP Exam</p>	<p>Prerequisite: None Credit: 1 (elective) Location: All, iSchool</p>

SOCIAL STUDIES

Description	Details
<p>Principles of Agriculture, Food, and Natural Resource Students will learn about all of the steps in the journey of farm to table, beginning with the history of agriculture through animal husbandry, plant science, and managing the use of natural resources.</p>	<p>Prerequisite: None Credit: .5 1 (elective) Location: iSchool</p>
<p>Sociology Students will explore topics such as socialization, social structures, deviance, race/ethnicity, religion, gender, social institutions, and collective behavior. This is an introductory course that will focus on the study of human interactions and group behavior.</p>	<p>Prerequisite: None Credit: 1 (elective) Location: All, iSchool</p>
<p>Psychology Students will focus on the scientific study of mental processes and behavior. This course will survey the scientific basis of psychology using the various theories and approaches of examining behavior over time. The topics will include: historical and modern perspectives, research methods, the biological basis of behavior, memory, cognition, learning, development, motivation, personality, intelligence, social psychology, psychological disorders and treatments.</p>	<p>Prerequisite: None Credit: 1 (elective) Location: All</p>
<p>AP Psychology Students will study human behavior and mental processes. This course focuses on the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with topics such as: biological bases of behavior; sensation and perception; learning, cognition and motivation. *Students are expected to take the AP Exam *May also be offered as Dual Enrollment credit: PSY 101, pending instructor availability.</p>	<p>Prerequisite: Psychology Credit: 1 (elective) Fee: AP Exam Fee Location: All, iSchool</p>
<p>Archeology Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Students will also examine the relationship of material items to culture and what we can learn about past societies from these items. George Santayana once said, "Those who cannot remember the past are condemned to repeat it." The field of archeology helps us to better understand the events and societies of the past that have helped to shape our modern world. This course focuses on this techniques, methods, and theories that guide the study of the past.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>AP Macroeconomics Students will be introduced to how the market system works, how prices are determined, why surpluses and shortages occur, and why incomes differ. This course will include topics such as: national income; price determination; economic performance measures; economic growth and international economics.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Entrepreneurship Students will learn about what you'll need to own and operate a successful business. Students will explore creating a business plan, financing a business, and pricing products and services.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>International Business Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century. Students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>

SOCIAL STUDIES

Description	Details
<p>Introduction to Psychology Students will explore how psychological perspectives influence personality and play a role in human development across the lifespan. Students examine how behaviors are developed, memories are stored and language is acquired. Students also learn about the symptoms and classifications of psychological disorders, along with the various forms of treatments available.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Introduction to Sports and Entertainment Marketing Students will have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well known entertainers are marketed as commodities. Students will learn about careers in how things work behind the scenes of a major sporting events such as the Super Bowl or entertainment events.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Personal Psychology I Students will learn that self-knowledge is the key to self-improvement. Psychology is a subject that can be applied to everyday life. New research and ideas will change the way we view ourselves and each other.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Personal Psychology II Students Enrich the quality of your life by learning to understand the actions of others! Topics include the study of memory, intelligence, emotion, health, stress and personality.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Real World Parenting Students will learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>Social Media Students will learn that the world of Social Media revolves around them – their actions, their decisions, and their interests. Students will examine how much Social Media has evolved, and begin to understand how they can find authenticity and truth within an online world where you can “be” anyone. Students will also learn how your digital footprint makes a bigger impression than their physical one.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: iSchool</p>
<p>World Cultures and Human Geography Students will focus on modern cultures and human geography by analyzing the cultural similarities and differences between and among world regions. Student research will include analysis of demographic data, news analysis and investigations of the political, social, economic and environmental factors and interactions.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: All, iSchool</p>
<p>World Religions Students will focus on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taosim. Students will trace the major developments in these religions and explore their relationships with social institutions and culture along with the similarities and differences among the major religions.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: SRHS, iSchool</p>

SOCIAL STUDIES

Description	Details
<p>Human Rights Students will examine a comprehensive historical overview of the theory and practice of human rights, a term used to describe rights and entitlements that inherently belong to every human being. This course explores the different kinds of human rights, as well as human rights violations and conflicts and the actions taken to protect and enforce them.</p>	<p>Prerequisite: World History Credit: .5 (elective) Location: All</p>
<p>U. S. Justice System Students will engage in authentic learning experience while studying basic concepts of our civil and criminal judicial systems. Emphasis will be placed on individual rights, procedural and substantive due process and knowledge of law as related to daily rights and responsibilities.</p>	<p>Prerequisite: None Credit: .5 (elective) Location: All</p>

WORLD LANGUAGES

One-Credit Courses
American Sign Language 1-2
American Sign Language 3-4
American Sign Language Honors 5-6
American Sign Language Honors 7-8
French 1-2
French 3-4
French Honors 5-6
AP French Language and Culture

One-Credit Courses
Spanish 1-2
Spanish 3-4
Spanish Honors 5-6
Spanish Honors 7-8
Spanish for Native Speakers 1-2
Spanish for Native Speakers 3-4
AP Spanish Language and Culture

Description	Details
<p>American Sign Language 1-2 Students will learn basic vocabulary, syntax, finger-spelling and grammatical non-manual signals. Students will develop gestural skills as foundation for ASL enhancement and will increase understanding of the Deaf Community.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>American Sign Language 3-4 Students will continue to practice basic vocabulary, syntax, finger spelling and grammatical non-manual signals. This course will focus on communicative competence. It will develop gestural skills as foundation for ASL enhancement. ASL 3-4 will introduce cultural knowledge and increase understanding of the Deaf Community.</p>	<p>Prerequisite: American Sign Language 1-2 Credit: 1 Location: All</p>
<p>American Sign Language Honors 5-6 Students will use advanced vocabulary, syntax, fingerspelling, and grammatical non-manual signals. Students will further the knowledge of the culture and increase the understanding of the deaf community. Focus will be on target language and application.</p>	<p>Prerequisite: American Sign Language 3-4 Credit: 1 Location: All</p>
<p>American Sign Language Honors 7-8 Students will learn writing, expressive (speaking/signing), reading and receptive (listening), are combined with a study of the culture of the target language. Various classroom activities will be conducted in the target language (ASL) and students will be encouraged to use the language for communication. This course will provide opportunity to study vocabulary and ethical situations in relating to real life application as well as technical vocabulary to accompany the situation.</p>	<p>Prerequisite: American Sign Language 5-6 Credit: 1 Location: All</p>

WORLD LANGUAGES

Description	Details
<p>French 1-2 Students will focus on grammar, proper verb forms (i.e., agreement of verb and subject as well as gender), basic everyday expressions, and vocabulary. Students will be introduced to the cultures and geographies of France.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>French 3-4 Students will focus on new and old grammar, practice French in meaningful ways, and develop their listening, speaking, reading, and writing skills. In addition, students will enhance their knowledge and understanding of French culture.</p>	<p>Prerequisite: French 1-2 Credit: 1 Location: All</p>
<p>French Honors 5-6 Students will continue expanding their French fluency in speaking, listening, reading and writing. This course includes role-play and writing skills used to build vocabulary and fluency, as well as to increase knowledge of French culture.</p>	<p>Prerequisite: French 3-4 Credit: 1 Location: All</p>
<p>AP French Language and Culture Students will engage in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).</p>	<p>Prerequisite: None Credit: 1 Fee: AP Exam Fee Location: All</p>
<p>Spanish 1 -2 Students will focus on grammar, proper verb forms (i.e., agreement of verb and subject as well as gender), basic everyday expressions, and vocabulary. Students will be introduced to the cultures and geographies of Spanish-speaking countries.</p>	<p>Prerequisite: None Credit: 1 Location: All, iSchool</p>
<p>Spanish 3-4 Students will focus on new and old grammar, practice Spanish in meaningful ways, and develop their listening, speaking, reading, and writing skills. In addition, students will enhance their knowledge and understanding of Hispanic culture.</p>	<p>Prerequisite: Spanish 1-2 Credit: 1 Location: All, iSchool</p>
<p>Spanish Honors 5-6 Students will continue expanding their Spanish fluency in speaking, listening, reading and writing. This course includes role-play and writing skills used to build vocabulary and fluency, as well as to increase knowledge of Spanish culture.</p>	<p>Prerequisite: Spanish 3-4 Credit: 1 Location: All, iSchool</p>
<p>Spanish Honors 7-8 Students will continue expanding their Spanish language skills in speaking, listening, reading and writing. This course continues to build vocabulary and fluency, as well as to increase knowledge of Spanish culture. Students will have a better command of the language through the immersion into the culture with art, music and literature.</p>	<p>Prerequisite: Spanish 1-6 Credit: 1 Location: iSchool</p>

WORLD LANGUAGES

Description	Details
<p>AP Spanish Language and Culture Students will engage in the exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of products both tangible and intangible; practices and perspectives.</p>	<p>Prerequisite: Spanish 5-6 or instructor Permission Credit: 1 Fee: AP Exam Fee Location: All</p>
<p>Spanish for Native Speakers 1-2 Students will focus on grammar and writing skills in formal speaking, reading, writing, and listening will be addressed. Students will also learn about, culture and geography. Designed for Native Speakers.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Spanish for Native Speakers 3-4 Students will focus on grammar and writing that continues to prepare them to enter a multilingual world. All five competencies will continue to be addressed in this course include: speaking, reading, writing, listening, culture and geography. Designed for Native Speakers 3-4 is an intermediate course designed to meet the unique needs of the native Spanish speaker.</p>	<p>Prerequisite: Spanish for Native Speakers 1-2 Credit: 1 Location: All</p>

CTE – BUSINESS AND MARKETING

Marketing

Location: DHS, VVHS, WCHS, SRHS

The Profession Sales & Marketing program is designed to prepare students for employment in various sales, customer service, advertising and promotion, and first-line supervisory positions in wholesale, retail, and service establishments. The program enables students to explore, understand, and apply marketing, management, and entrepreneurial principles. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Marketing Course Sequence



Description	Details
<p>Business and Marketing with Economic Application 1-2 Students will be provided with an overview of marketing occupations. This course introduces students to personalities in business, business math communications, cash register operation, change making, employee cooperation, career opportunities, product knowledge, consumer buying motives, and personal selling. It introduces the marketing functions. Concepts covered include receiving, merchandising, budgeting, pricing, markups and markdowns, retailing, and sales promotion. Instruction in current marketing techniques is utilized with hands-on experience in the school store. Students will be required to work in the school store. DECA is highly recommended for all students in this class. *This course may be offered for dual enrollment credit through Maricopa Community College District pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Business and Marketing with Economic Application Honors 3-4 Students will prepare for marketing occupations. This course will cover the principles of successful business, personnel, marketing and distribution, marketing research, stock control, buying and pricing. We will also focus on budgeting, credit, collections, fundamentals of operating a new business. There is a large research component built into this class. Students will be required to work in the school store. DECA is highly recommended for all students in this class. College credit may be offered through dual enrollment with Maricopa County Community College District. (3 college credits can be earned in this class) <i>Upon completion of Business Marketing 1-2 and 3-4, students may earn a .5 Economic credit.</i> *This course may be offered for dual enrollment credit through Maricopa Community College District pending instructor availability.</p>	<p>Prerequisite: Business and Marketing with Economic Applications 1-2 Industry Certification: Rise Up and Food Handlers Credit: 1 Location: All</p>

CTE – BUSINESS AND MARKETING

Description	Details
<p>Business and Marketing Specialization Honors 5-6 Students will explore several specialty marketing areas including Sports and Entertainment, E-Commerce, Travel and Tourism, Hospitality Services, Restaurant Management, Apparel and Accessories, Business Services, Retail Merchandising, Financial Services Management, Vehicle and Petroleum Marketing and Entrepreneurship. Students will demonstrate expertise in one or more of the specified areas by completing a Marketing Management Simulation Project. Students will participate in the supervision of the school store and participate in DECA competition and conferences. Three college credits are available for this class.</p>	<p>Prerequisite: Business and Marketing with Economic Applications 3-4 Honors Credit: 1 Location: All</p>
<p>Business and Marketing Specialization Honors 7-8 Students will collaborate with local businesses, learn leadership skills, public speaking and become proficient in giving business presentations. This course is for students who have completed Marketing 5-6 and want to use their marketing skills to create written research projects used for DECA competition. In addition, students will participate as managers of the school store and participate as a leader in DECA. Up to six college credits are available for this class.</p>	<p>Prerequisite: Business and Marketing Specialization 5-6 Honors Credit: 1 Location:All</p>
<p>Business and Marketing Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1 /Repeatable Location: All</p>

CTE – COMMUNICATIONS MEDIA

Graphic Design

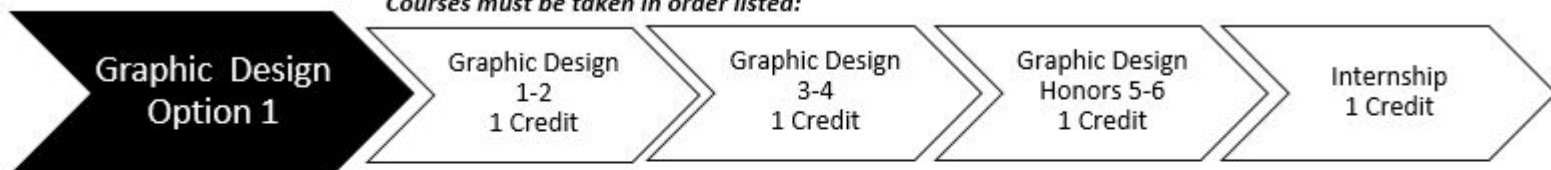
Location: DHS, SRHS, VVHS, WCHS

The Graphic Design program is designed to prepare students to apply technical knowledge and skills in the manufacture and distribution or transmission of graphic communications products. In addition to technical skills, students completing this program will also develop advanced critical thinking, career development, applied academics, life management, business, economic and leadership skills required for graphic communications occupations. (Each course is yearlong, divided into two semesters.)

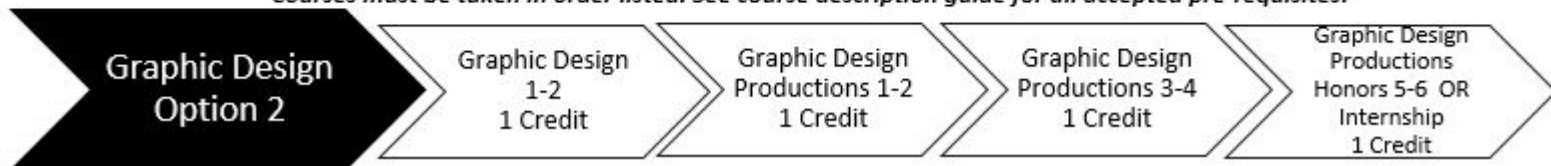
*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Graphic Design Course Sequence

Courses must be taken in order listed:



Courses must be taken in order listed. See course description guide for all accepted pre-requisites:



Description	Details
<p>Graphic Design 1-2 Students will be introduced to design principles used in Graphic Design and Digital Communication fields. This is a survey course in which students will learn about the basic elements and principles of art and design through the use of photography and the Adobe Creative Suite including InDesign, Illustrator and Photoshop. The class will be project-based with an emphasis on career and personal use. This is a challenging course, and each student is expected to be self-motivated, responsible and able to work independently to meet deadlines. College credit may be offered through dual enrollment with Maricopa County Community College District.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Graphic Design 3-4 Students will continue to go beyond the skills developed in Graphic Design 1-2. The course emphasis will be on teaching students advanced Adobe Photoshop, Illustrator, InDesign, and Acrobat techniques. Additionally, students will apply sophisticated layout, design and graphic creation processes in the production of a wide variety of real-world print, web, and digital media artifacts. College credit may also be offered via dual enrollment through the Maricopa Community College District.</p>	<p>Prerequisite: Graphic Design 1-2 Credit: 1 Location: All</p>

CTE – COMMUNICATIONS MEDIA

Description	Details
<p>Graphic Design Honors 5-6 Students will apply skills learned in Graphic Design 1-4. In this project-based course, students will function as real-world, freelance, graphic communications entities. During the course of the year, students will acquire clients from the school, school district, or local community fulfilling their individual graphic communication needs. At the end of the course, students will have created a digital and/or print portfolio of their work to be used for job interviews, college admissions packages, and internship assignments. College credit may also be offered via dual enrollment through the Maricopa Community College District.</p>	<p>Prerequisite: Graphics Design 3-4 Credit: 1 Location: All</p>
<p>Graphic Design Production 1-2 Students will produce, manage and distribute the school's annual publication (yearbook). Students will develop skills in writing, marketing, layout design, art/graphics, photography, teamwork with a standards-based approach to the basic concepts in information Technology/Graphic Arts Communication. This course will emphasize positive work attitudes and employment skills while expanding knowledge of basic business concepts and procedures. After-school work to meet deadlines and to research stories and photograph school functions is required.</p>	<p>Prerequisite: Graphic Design 1-2, or Teacher Approval Credit: 1 Location: All</p>
<p>Graphic Design Production 3-4 Students will produce, manage and distribute the school's annual publication (yearbook). Students will further develop skills in writing, marketing, layout design, art/graphics, photography, teamwork with a standards-based approach to the basic concepts in information Technology/Graphic Arts Communication. This course will emphasize positive work attitudes and employment skills while expanding knowledge of basic business concepts and procedures. After-school work to meet deadlines and to research stories and photograph school functions is required.</p>	<p>Prerequisite: Graphic Design Production 1-2 Credit: 1 Location: All</p>
<p>Graphic Design Production Honors 5-6 Students will mentor and provide leadership to Graphic Design Production 1-2 and 3-4 students in addition to producing, managing and distributing the school's annual publication (yearbook). Further development skills in writing, marketing, layout design, art/graphics, photography, teamwork and leadership with a standards-based approach to the basic concepts in information Technology/Graphic Arts Communication. This course will emphasize positive work attitudes and employment skills while expanding knowledge of basic business concepts and procedures. After-school work to meet deadlines and to research stories and photograph school functions is required.</p>	<p>Prerequisite: Graphic Design Production 3-4 Credit: 1/Repeatable Location: All</p>
<p>Graphic Design Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1 /Repeatable Location: All</p>

CTE – COMMUNICATIONS MEDIA

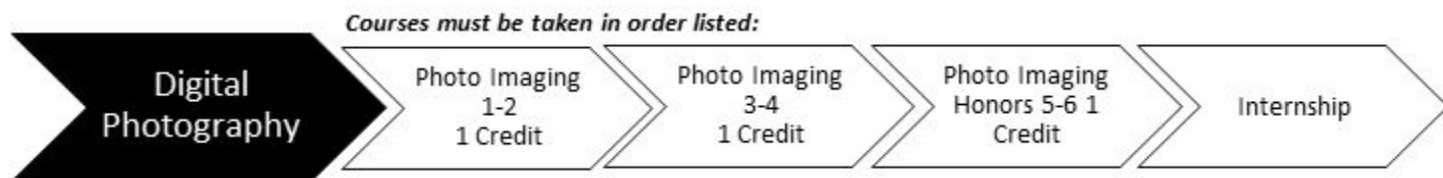
Digital Photography

Location: DHS

The Digital Photography program provides students interested in areas such as Photojournalism, Still Photography, Portraiture, or Digital Media an opportunity to gain experience with the latest graphic software, digital cameras, and studio equipment. Students will develop individual portfolios, have an opportunity to display their work, and, in the Intermediate and Advanced courses, expand their business sense by finding and serving actual clients both on and off campus. All students can elect to take the Adobe Certified Associate (ACA) exam. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Digital Photography Course Sequence



Description	Details
<p>Photo Imaging 1-2 Students will develop basic composition, lighting, and camera operation skills using digital cameras. They will explore photography-related careers. This course will introduce students to several industry-related computer programs including Adobe Photoshop. The outcome of the course is a basic portfolio that reflects the course objectives and the student’s photographic style.</p>	<p>Prerequisite: None Credit: 1 Location: DHS</p>
<p>Photo Imaging 3-4 Students will deepen their photographic skills using film and 35mm film cameras, plus medium and large format cameras. Additionally, students will explore traditional film development, printing and design and produce advanced skills Adobe Photoshop projects, create a business plan for a photography business, apply scenario-based learning to actual “real world” photo assignments, and apprentice with a master photographer.</p>	<p>Prerequisite: Photo Imaging 1-2 Credit: 1 Location: DHS</p>
<p>Photo Imaging Honors 5-6 Students will participate as an apprentice and/or intern with area graphics industry stakeholders. This class is an independent studies program where students will be encouraged to perform campus and district photography assignments; further, they will develop and submit proposals for photo-based products to the district, local government, and businesses. Students will strive for advanced certification in Adobe software. The outcome of this class will result in multiple-format portfolios for specific markets, a resume that reflects on-the-job photography experience, references from three graphics industry resources, and a multi-year plan of post-secondary education or an industry-approved business plan. Students will be prime candidates for scholarships, grants, and other aids to advance their development as professionals in Graphic Communications. *This course may be offered for dual enrollment credit through Maricopa County Community College District pending instructor availability.</p>	<p>Prerequisite: Photo Imaging 3-4 Credit: 1 Location: DHS</p>
<p>Digital Photography Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: DHS</p>

CTE – COMMUNICATIONS MEDIA

Digital Animation

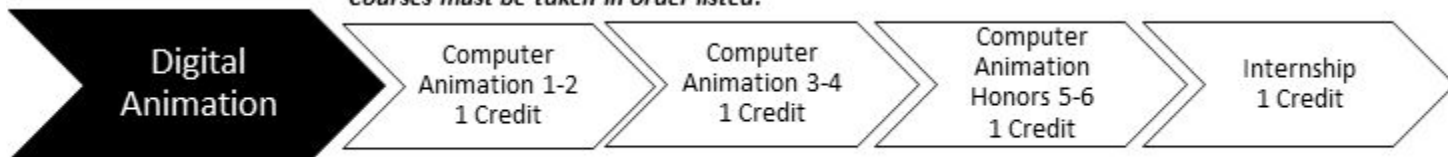
Location: VVHS, SRHS

The Animation program introduces students to computer animation techniques using 2D computer images and 3D computer animation. Students will utilize cutting-edge software applications and will create 3-D graphics and animations to produce engaging, life-like digital images and animations with exciting visual effects. Students will also explore career options and opportunities in the digital animation field and also have an opportunity to participate in the Computer Animation & Game Design Club. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Digital Animation Course Sequence

Courses must be taken in order listed:



Description	Details
<p>Computer Animation 1-2 Students will participate in a project-based course introducing techniques for computer animation in the areas of 2-D and 3-D animation. The three phases of production (pre-production, production and post-production) are taught in detail and used for all projects. Specific topics that are covered are storyboarding, keyframing, scene composition and lighting, Stop Action animation, Rotoscoping, Web Banners, 3-D modeling, and basic coding. Computer animation concepts will utilize software applications such as Adobe Flash and Blender. Students will create 2-D and 3-D animations to produce engaging, real world, digital experiences. Students will begin to explore career options.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS, SRHS</p>
<p>Computer Animation 3-4 Students will participate in the next level of this project-based course allowing students to continue on the career path laid out in Computer Animation 1-2. This includes further investigation into 2-D and 3-D techniques such as lip syncing, game design, video integration, creation of complex 3-D worlds, custom textures, and advanced coding. Computer animation concepts may utilize programs such as Blender, Autodesk Maya, Adobe Creative tools and HTML5. Students will construct engaging animation clips as well as short games. Students will explore further career opportunities as well as possible internships in animation and game design.</p>	<p>Prerequisite: Computer Animation 1-2 Credit: 1 Location: VVHS, SRHS</p>
<p>Computer Animation Honors 5-6 Students will use the knowledge gained from previous courses to create and individualized, personal learning experience geared toward their future career interests. The course will focus on creating a professional electronic portfolio, demo reel that can be used in industry or college interview situations, and a service learning project in which they will provide a service to an organization or business. All information will be documented using Production notebooks that will follow each project to its completion. Additional areas of focus will be software certification and understanding the business side of working on a team and/or as a freelance artist.</p>	<p>Prerequisite: Computer Animation 3-4 Credit: 1 Location: SRHS, VVHS</p>
<p>Animation Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1 /Repeatable Location: VVHS, SRHS</p>

CTE – COMMUNICATIONS MEDIA

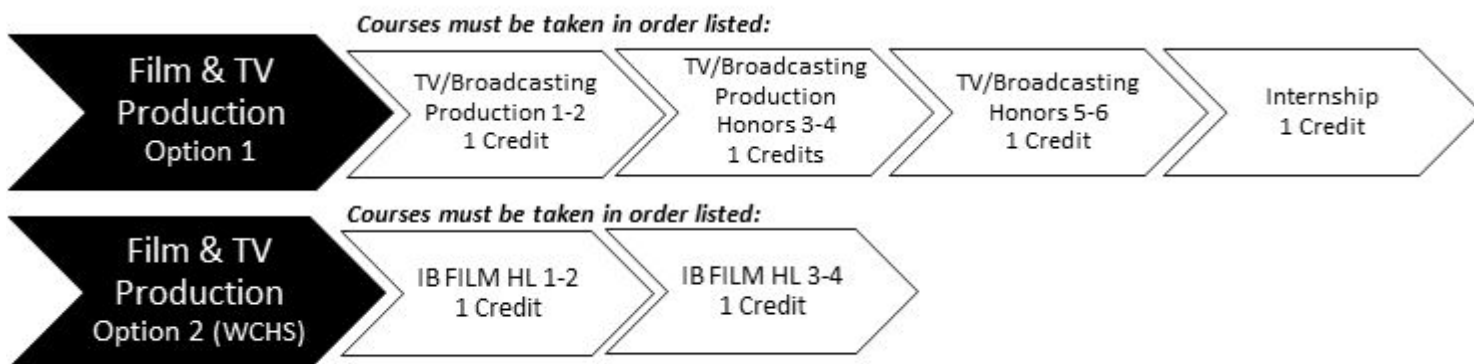
Film and TV Production

Location: DHS, SRHS, WCHS, VVHS

The Film & TV Broadcasting program is designed to prepare students to apply technical knowledge and skill in the broadcast journalism, film video, and live or mixed media productions. As well as prepare students for employment in various positions within Radio, TV and Film Industries. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Film and TV Production Course Sequence



Description	Details
<p>TV/Broadcast Production 1-2 Students will learn the technical computer application side of video and multimedia production as it relates to over-the-air, cable, and closed circuit broadcasting. Students will be introduced to studio functions in the production of live and pre-recorded media. These students will be responsible for the production of the school's daily video announcements, as well as students' own location and studio projects which will be rebroadcast on the local public access channel and will be made available for download as podcasts. This course may require after-school work to meet deadlines and cover newsworthy events throughout campus, the district, and community.</p>	<p>Prerequisite: None Credit: 1 Location: ALL</p>
<p>TV/Broadcast Production Honors 3-4 Students will further their understanding of the technical computer application side of video and multimedia production as it relates to over-the-air, cable, and closed circuit broadcasting. Working from the foundational skills developed in the TV/Broadcast Production 1-2 course, students will develop advanced techniques and skills. Students will also be responsible for key studio functions such as anchors and managers in the production of live and pre-recorded media acting as lead persons for the production of the school's daily video announcements as well as students' own location and studio projects. This course requires after-school work to meet deadlines and cover newsworthy events throughout campus, the district, and community.</p>	<p>Prerequisite: TV/Broadcast Production 1-2 Credit: 1 Location: ALL</p>

*Not all courses are available at all schools.

CTE – COMMUNICATIONS MEDIA

Description	Details
<p>TV/Broadcast Production Honors 5-6 Students will lead, mentor and produce a portfolio-type creation of video and multimedia production as it relates to over-the-air, cable, and closed circuit broadcasting. Working from the intermediate skills developed in the two previous TV/Broadcast Production courses, students will develop advanced techniques in interviewing, story development, on-air talent, multi-camera usage, lighting techniques, news gathering, sound utilization, and pre- and post-production work. Students will be responsible for mentoring, leading, and training underclassmen during the production of the school's daily video announcements. This course may require after school work to meet deadlines and cover newsworthy events throughout campus, the district, and community.</p>	<p>Prerequisite: TV/Broadcast Productions 3-4 Honors Credit: 1 Location: ALL</p>
<p>Film & TV Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: ALL</p>

CTE – PUBLIC SERVICE CAREERS

Law and Public Safety

Location: VVHS

The Law, Public Safety and Security instructional program prepares students to perform technical services involved in planning, organizing, researching, directing and controlling functions and process related to the provision of Law, Public Safety and Security Services. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Law and Public Safety Course Sequence



Description	Details
<p>Law Enforcement 1-2 Students will be introduced to basic concepts of the civil and criminal judicial systems. Special emphasis will be placed on physical conditioning, discipline and basic law enforcement principles and practices in daily life.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Law Enforcement 3-4 Students will apply academic and technical knowledge and skills to a variety of settings within law enforcement. Students will be exposed to various aspects of law enforcement. Participation in the Police Explorer Program is encouraged. Students will be subjected to a background check and fingerprinting as a part of this course.</p>	<p>Prerequisite: Law Enforcement 1-2 Credit: 1 Location: VVHS</p>
<p>Law Enforcement 5-6 Students will apply advanced technical knowledge and skills to a variety of settings within law enforcement. Students will be exposed to various aspects of law enforcement administrative functions. Participation in the Explorer program is encouraged. Students will be subject to background check and fingerprinting as part of this course.</p>	<p>Prerequisite: Law Enforcement 3-4 Credit: 1 Location: VVHS</p>
<p>Law and Public Safety Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: VVHS</p>

CTE – PUBLIC SERVICE CAREERS

Emergency Medical Services

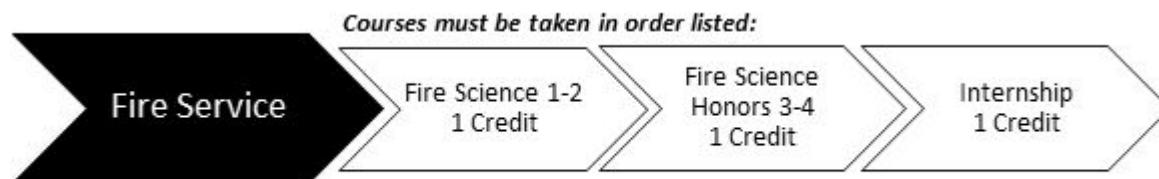
Location: VVHS (1st & 2nd Hour class open to all DUSD Schools)

The Emergency Medical Technician program prepares students to properly manage various medical emergencies, while preparing students to take the National Registry of Emergency Medical Technician Certification along with CPR and AED Certifications.

*Students should choose two (2) or more semester long courses offered in this program in order to complete a course sequence to be considered a concentrator.

*Open to Seniors at all DUSD Schools through application process

*Must provide own transportation



Description	Detail
<p>Emergency Medical Technician 1-2 Students will be prepared to recognize, assess, and manage medical emergencies in the pre-hospital environment. This is entry-level training in the Emergency Medical Services career field. This program will develop the student's knowledge and confidence of performing critical assessments to manage patients suffering with medical and trauma-related emergencies. The EMT program will develop the leadership and critical thinking skills necessary for becoming a critical part of an EMT team to assist in managing patient crisis situations. This program is in partnership with Surprise Fire EMS services and will be taught by current Surprise Fire staff members.. Students in this semester will prepare for taking The National Registry of Emergency Medical Technician Certification while completing both CPR and AED Certifications.</p> <p>* This course may be offered for college credit through Maricopa Community Colleges.</p>	<p>Prerequisite: Application Credit: 2 Location: VVHS *Open to all DUSD Students</p>
<p>Emergency Medical Technician 3-4 Students will be prepared to recognize, assess, and manage medical emergencies in the pre-hospital environment. This is entry-level training in the Emergency Medical Services career field. This program will develop the student's knowledge and confidence of performing critical assessments to manage patients suffering with medical and trauma-related emergencies. The EMT program will develop the leadership and critical thinking skills necessary for becoming a critical part of an EMT team to assist in managing patient crisis situations. This program is in partnership with Surprise Fire EMS services and will be taught by current Surprise Fire staff members. Students will prepare and take the National Registry of Emergency Medical Technician Certification.</p> <p>* This course may be offered for college credit through Maricopa Community Colleges.</p>	<p>Prerequisite: Application Credit: 2 Location: VVHS *Open to all DUSD Students</p>

CTE – PUBLIC SERVICE CAREERS

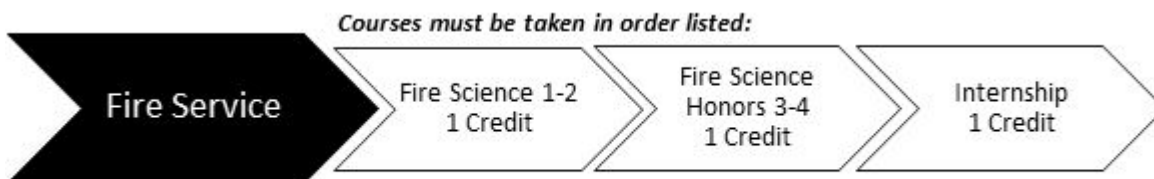
Fire Science

Location: VVHS

The Fire Science program prepares students to perform technical services involved with planning, organizing, researching, directing, and controlling functions and processes related to the provision of Fire Science services. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Fire Service Course Sequence



Description	Details
<p>Fire Science 1-2 Students will apply academic, technical knowledge and skills to a variety of settings within the firefighting response. This course is designed with lessons in fire behavior, safety, building construction, nutrition and wellness, fire department equipment and tools as well as the history and culture of the fire service. Students will collaborate in community service projects with local charities and fire departments.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Fire Science Honors 3-4 Students will apply advanced academic knowledge, technical knowledge, and skills to a variety of settings within firefighting and emergency response. This course is designed to acquaint students with various aspects of the firefighting professions through training in rope rescue, vehicle extrication, fire hydraulics, the chemistry of fire behavior, helicopter operations, command procedures, public life safety education projects, oral board interviewing, and more. A partnership with the Surprise Fire Department and hospitals will provide the opportunity for off-campus experiences or a professional internship. Participation in the program's Career and Technical Student Organizations is required. Students in this class will compete locally, regionally, and nationally. * This course may be offered for dual enrollment credit through Glendale Community College pending instructor availability.</p>	<p>Prerequisite: Fire Science 1-2 Credit: 1 Location: VVHS</p>
<p>Fire Science Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: VVHS</p>

CTE – PUBLIC SERVICE CAREERS

Army JROTC

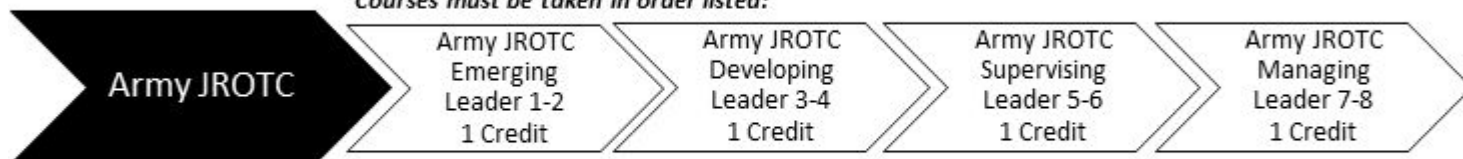
Location: DHS

The Army Junior Reserve Officer Training Corp (J.R.O.T.C.) program helps prepare high school students for various responsible leadership jobs of choice in the civilian workforce, private enterprise or military service. The mission of JROTC is “to motivate young people to be better citizens. Students will participate in JROTC activities. It consists of both classroom and field experience. As a cadet, students will earn the privilege of participating in Spring Camp and Summer Camp. Competitive teams include: Raiders, color guard, rifle, and drill.

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Army JROTC Course Sequence

Courses must be taken in order listed:



Description	Details
<p>Army JROTC Emerging Leader 1-2 Students will develop leadership, self-reliance, responsiveness to authority, physical fitness, and attributes related to good citizenship, and patriotism. All lessons are designed using a four part model to motivate the Cadet, allow the Cadet to learn new information, practice competency, and apply the competency to a real-life situation. Moreover, the four part model requires Cadets to collaborate, reflect, develop critical thinking skills, and integrate content with other disciplines. JROTC curriculum includes lessons in leadership, health and wellness, first-aid, geography, American history and government, communications, and emotional intelligence.</p>	<p>Prerequisite: Written Consent Parent/Guardian Credit: 1 Location: DHS</p>
<p>Army JROTC Developing Leader 3-4 Students will experience increasing personal leadership opportunities. All lessons are designed using a four part model to motivate the Cadet, allow the Cadet to learn new information, practice competency, and apply the competency to a real-life situation. Moreover, the four part model requires Cadets to collaborate, reflect, develop critical thinking skills, and integrate content with other disciplines. JROTC curriculum includes lessons in leadership, health and wellness, physical fitness, first-aid, geography, American history and government, communications, and emotional intelligence.</p>	<p>Prerequisite: Army JROTC Emerging Leader 1-2 Credit: 1 Location: DHS</p>
<p>Army JROTC Supervising Leader 5-6 Students will assume increasing responsibility for the training and instruction of newer cadets. All lessons are designed using a four part model to motivate the Cadet, allow the Cadet to learn new information, practice competency, and apply the competency to a real-life situation. Moreover, the four part model requires Cadets to collaborate, reflect, develop critical thinking skills, and integrate content with other disciplines. JROTC curriculum includes lessons in leadership, health and wellness, physical fitness, first-aid, geography, American history and government, communications, and emotional intelligence.</p>	<p>Prerequisite: Army JROTC Developing Leader 3-4 Credit: 1 Location: DHS</p>
<p>Army JROTC Managing Leader 7-8 Students will assume responsibility for the planning and conduct of all JROTC activities, under the guidance of their instructors. All lessons are designed using a four part model to motivate the Cadet, allow the Cadet to learn new information, practice competency, and apply the competency to a real-life situation. Moreover, the four part model requires Cadets to collaborate, reflect, develop critical thinking skills, and integrate content with other disciplines. JROTC curriculum includes lessons in leadership, health and wellness, physical fitness, first-aid, geography, American history and government, communications, and emotional intelligence.</p>	<p>Prerequisite: Army JROTC Supervising Leader 5-6 Credit: 1 Location: DHS</p>

CTE – EDUCATION AND TRAINING

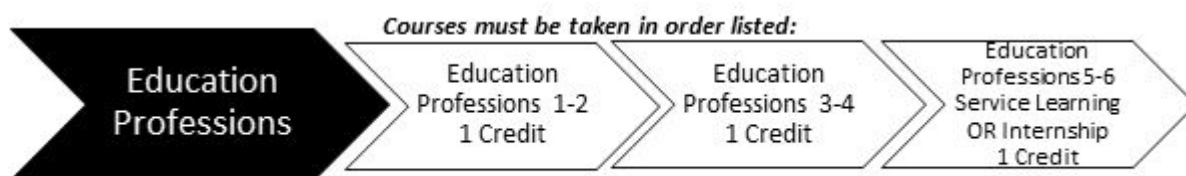
Education Professions

Location: SRHS

The Education Professions program is designed to prepare students for employment or post secondary opportunities in the education field. The program provides instruction in education career choices, education structure and systems, theory, pedagogy, developmental stages, learning styles and methodology. The program also provides interactive experiences with students at different age levels, in a variety of content areas in educational environments. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Education Professions Course Sequence



Description	Details
<p>Education Professions 1-2 Students will experience the wide range of educating youth, including teaching, coaching, counseling and administration. Students will begin to develop their educational philosophy, build sound pedagogical practices, and study optimal learning environments. Students will participate in ongoing field experience with veteran teachers, coaches, counselors and others in the education field. Dual credit may be obtained from the Maricopa County Community College system for this program. Students enrolled in the Ed Professions program will participate and be affiliated with the national organization, Educators Rising. *This course may be offered for dual enrollment credit through Maricopa College pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Location: SRHS</p>
<p>Education Professions 3-4 Students will work in the field of education enabling them to investigate the wide world of educating youth on a deeper level. Students will continue to develop their educational philosophy, build sound pedagogical practices, and study optimal learning environments. In addition, communication skills, lesson planning, teaching methods, classroom responsibilities, educational issues professional development and classroom management skills will be emphasized in class. Students will continue to participate in ongoing field experience with veteran teachers, coaches, counselors and others in the field of education. Dual credit may be obtained from the Maricopa County Community College system for this program. Students participating in Education Professions 3-4 will be members of and affiliated with the national organization, Educators Rising. *This course may be offered for dual enrollment credit through Maricopa Community College pending instructor availability.</p>	<p>Prerequisite: Education Professions 1-2 Credit: 1 Location: SRHS</p>

CTE – EDUCATION AND TRAINING

Descriptions	Details
<p>Education Professions 5-6 Service Learning Students will continue to work in the field of education by using community-based learning done through service projects that benefit community organizations. Students will foster civic responsibility by creating and implementing a service-learning project of their choosing. This class supports and provides resources for hands-on individual and student group volunteering. Dual credit may be obtained from the Maricopa County Community College system for this class. Students participating in Education Professions 5-6 will be members of and affiliated with the national organization, Educators Rising.</p>	<p>Prerequisite: Education Professions 3-4 Credit: 1 Location: SRHS</p>
<p>Education Professions Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1 /Repeatable Location: SRHS</p>

CTE – ENGINEERING SCIENCES & INFORMATION TECHNOLOGY

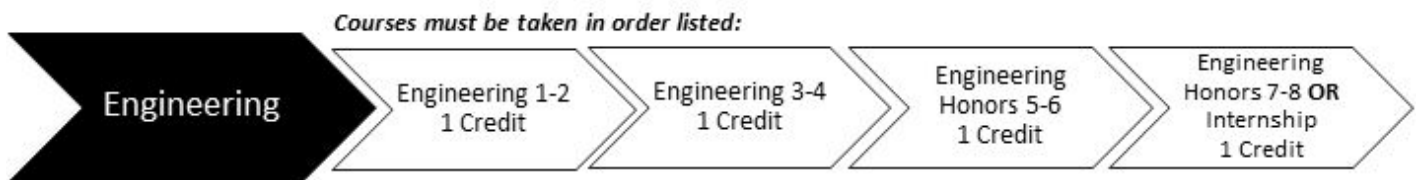
Engineering

Location: SRHS

The Engineering program is designed for students to explore careers in technology, industry and engineering. Students will explore entry, semi-professional and professional levels of careers through hands-on projects in the area of engineering (transportation, electrical, mechanical, civil power and construction). They will also participate in class activities and projects and hear speakers in the areas of engineering technology and industrial careers. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Engineering Course Sequence



Description	Details
<p>Engineering 1-2 Students will be exposed to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. This project-based class allows students to employ engineering and scientific concepts in the problem-solving process. Students will use state of the art 3D solid modeling design software and robotics systems. Student Organization: SkillsUSA</p>	<p>Prerequisite: None Credit: 1 Location: SRHS</p>
<p>Engineering 3-4 Students will develop a further understanding of engineering and technology, address design problems using a solution-finding process and select optimal design. Intermediate Engineering provides students with the opportunity to develop skills and understanding of course concepts through activity-, project- and problem-based learning. Students will use interactive 3D design engineering software, robotic systems, machining technology as well as 3D and Laser printing technologies. Student Organization: SkillsUSA</p>	<p>Prerequisite: Engineering 1-2 Credit: 1 Location: SRHS</p>
<p>Engineering Honors 5-6 Students will continue to develop an understanding of engineering and technology, address design problems using a solution-finding process and select optimal design. Advanced Engineering provides students with the opportunity to develop skills and understanding of the different concepts and disciplines of engineering through activities, projects and problem-based learning. Students will design and build a solar go-kart as well as building competition robots. Students will use interactive 3D design engineering software, robotic systems, Machining technology as well as 3D printing and Laser engraving technologies. Concepts will include the study of simple machines, circuits, mechanics of material, static and dynamics. Student Organization: SkillsUSA</p>	<p>Prerequisite: Engineering 3-4 Credit: 1 Location: SRHS</p>

CTE – ENGINEERING SCIENCES & INFORMATION TECHNOLOGY

Description	Details
<p>Engineering Honors 7-8 Students will use the engineering process to gather information about problems in their community and develop working solutions. The projects will span various disciplines of the engineering spectrum and will vary depending on the community's needs. The course will follow the framework of the EPICS program developed by ASU. Students will form design teams, research community needs and build a workable solution. The class is designed to be a capstone to the engineering curriculum and combine the skills students have developed in high school in all of their classes. Student Organization: SkillsUSA.</p>	<p>Prerequisite: Engineering 5-6 Honors Credit: 1 Location: SRHS</p>
<p>Engineering Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: SRHS</p>

CTE – ENGINEERING SCIENCES & INFORMATION TECHNOLOGY

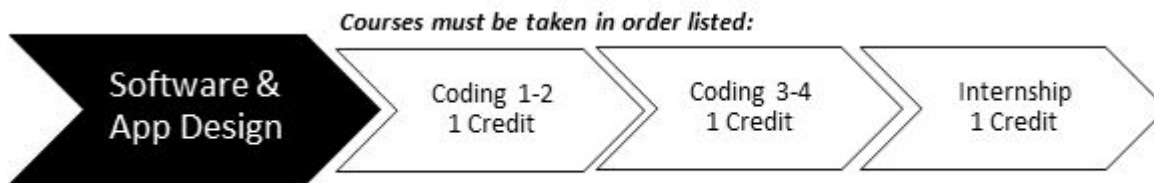
Software and App Design

Location: SRHS

The Software Development program is designed to prepare students for employment/postsecondary education related to the design, development, installation, implementation, use and management of computers with an emphasis on writing code. An integrated approach of teaching and learning is provided as students enhance their technical knowledge and skills that are associated with functions within Software Development occupations. In addition to the occupation related skills, students completing this program will also develop advanced critical thinking, applied academic, interpersonal relations, life management, business, economic, and leadership skills. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Software and App Design Course Sequence



Description	Details
<p>Coding 1-2 Students will learn how information technology systems operate. This course introduces principles of computers, basic concepts of computer maintenance and network technologies with an emphasis on software development. Students will also acquire an understanding of the IT industry, computer mathematics, and the evolution of the computer.</p>	<p>Prerequisite: None Credit: 1 Location: SRHS</p>
<p>Coding 3-4 Students will apply software theory and programming methods to the solutions of authentic business data problems. This course will offer the skills necessary to competently perform in the industry, as well as pass the necessary exams to obtain certification.</p>	<p>Prerequisite: Coding 1-2 Credit: 1 Location: SRHS</p>
<p>Coding Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Grade: 12 Location: SRHS</p>

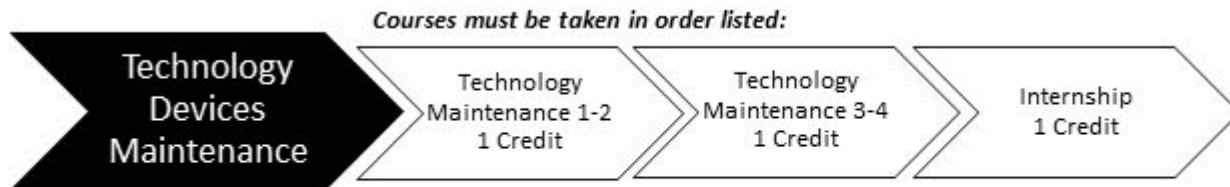
CTE – ENGINEERING SCIENCES & INFORMATION TECHNOLOGY

Technology Devices Maintenance

Location: VVHS

This program prepares students to apply technical knowledge and skill in PC hardware and software systems with an emphasis on PC repair and maintenance. This option will offer skills necessary to competently perform in the industry, as well as pass the necessary exams to obtain certification. (Each course is yearlong, divided into two semesters.)

Technology Devices Maintenance Course Sequence



Description	Details
<p>Technology Maintenance 1-2 Students will learn how information technology systems operate. This course introduces principles of computers, basic concepts of software development and network technologies with an emphasis on computer maintenance. Students will also acquire an understanding of the IT industry, computer mathematics, and the evolution of the computer.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Technology Maintenance 3-4 Students will apply technology knowledge and skill in PC hardware and software systems with an emphasis on PC repair and maintenance. This option will offer skills necessary to competently perform in the industry, as well as pass the necessary exams to obtain certification.</p>	<p>Prerequisite: Technology Maintenance 1-2 Credit: 1 Location: VVHS</p>
<p>Technology Maintenance Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Grade: 12 Location: VVHS</p>

CTE–CONSTRUCTION SCIENCE TECHNOLOGIES

Stagecraft

Location: WCHS

Stagecraft Design and Production program will prepare students for the design of on-stage productions, scenic and properties design, costume design, light and sound design as well as stage management. Skills and techniques are developed through the completion of complex hands-on projects. Students will have opportunities to eventually become crew heads, designers and stage managers. Students will become familiar with career and occupational opportunities within the field and will have an opportunity to show their work, make design presentations and present portfolios for review by industry professionals. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.



Description	Details
<p>Stagecraft Design & Production 1-2 Students will be introduced to the basic fundamentals of theater production. This hands-on program includes instruction in set design, set construction, scenic painting, lighting design, costume design and construction, theatrical makeup, audio engineering, rigging and production management. Students will serve as a member of a production crew. Stagecraft Production 1-2 requires students to participate in theater production activities after school, evenings, weekends and affiliation with the student organization.</p>	<p>Prerequisite: Beginning Theater 1-2 Credit: 1 Location: WCHS</p>
<p>Stagecraft Design & Production 3-4 Students will build on the skills learned in Stagecraft Production 1-2 with an emphasis on stage production, design, and production leadership. Advanced skills and techniques are developed through the completion of more complex hands-on projects. Students will have opportunities to become crew heads, assistants and stage managers. Students will become familiar with career and occupational opportunities within the field and will have an opportunity to show their work, make design presentations and present portfolios for review by industry professionals. A commitment to after school, evenings, weekends and CTSO participation (the student organization) is expected.</p>	<p>Prerequisite: Stagecraft Production 1-2 Credit: 1 Location: WCHS</p>
<p>Stagecraft Design & Production Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 60 hours per semester of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: WCHS</p>

CTE – FAMILY & CONSUMER SCIENCES

Culinary Arts

Location: VVHS

The Culinary Arts program is designed to prepare students to apply technical knowledge and skills required for food production and service occupations in institutional and commercial food establishments. Skills developed in this program include food identification, selection, and storage; safety and sanitation; personal hygiene; and use of commercial food equipment. Nutrition, special diets, and management of food establishments will also be addressed. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Culinary Arts Course Sequence



Description	Details
<p>Culinary Arts 1-2 Students will receive an introduction to health and safety standards for food preparation including government regulation of food and nutrition. Food preparation and presentation techniques are practiced in authentic lab experiences emulating commercial food service operations.</p>	<p>Prerequisite: None Credit: 1 Location: VVHS</p>
<p>Culinary Arts 3-4 Students expand on professional skills used in the food-service industry. In-depth culinary skills taught include Garde Manger, Saucier, front and back-of-the-house operations, cost v. profit, as well as restaurant and kitchen management in the fine dining environment. While enrolled in this course, students are encouraged to be active members in the Family Career and Community Leaders of America (FCCLA). *This course may be offered for dual enrollment credit through Maricopa County Community College District pending instructor availability.</p>	<p>Prerequisite: Culinary Arts 1-2 Credit: 1 Location: VVHS</p>
<p>Culinary Arts Baking and Pastry Honors 5-6 Students will be provided additional classroom and lab experiences related to culinary operations. These real-world, authentic activities reinforce workplace skills necessary to master the culinary arts career and technical education program. Students will participate in authentic learning experiences in which they will provide a service to an organization or business. *This course may be offered for dual enrollment credit through Maricopa County Community College District pending instructor availability.</p>	<p>Prerequisite: Culinary Arts 3-4 Credit: 1 Location: VVHS</p>
<p>Culinary Arts Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: VVHS</p>

CTE – HEALTH CAREERS

Laboratory Assisting

Location: WCHS

The Laboratory Assisting program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of select healthcare services. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Laboratory Assisting Course Sequence



Description	Details
<p>Medical Lab Assistant 1-2 Students will attain skills in phlebotomy procedures, specimen procurement and sample processing, basic laboratory testing, patient processing, medical terminology, office procedures/skills, and medical laboratory techniques. Instruction includes communication, interpersonal and professional skills, appropriate scientific principles of microbiology, chemistry, and hematology integrated into skill development and clinical learning.</p>	<p>Prerequisite: None Credit: 1 Location: WCHS</p>
<p>Medical Lab Assistant Honors 3-4 Students will continue their learning of Medical Laboratory Assistant 1-2 and the culmination of this Allied Health strand. In addition to attaining expertise in phlebotomy procedures and building on the skills developed in the prior course; this course offers hands-on experiences in the classroom lab including capillary punctures, urinalysis and blood smears. Upon successful completion of this course, students will have the opportunity to take a National Certification Exam for Phlebotomy Technician (CPT).</p>	<p>Prerequisite: Medical Lab Assistant 1-2 Credit: 1 Location: WCHS</p>
<p>Laboratory Assisting Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: WCHS</p>

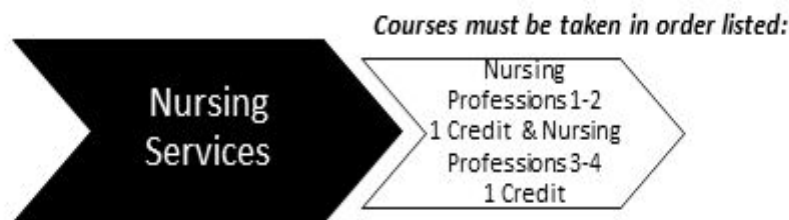
CTE – HEALTH CAREERS

Nursing Services

Location: WCHS (1st & 2nd Hour and 5th & 6th Hour classes open to all DUSD Schools)

The Nursing Professions program prepares students to work in various healthcare industries such as in-home healthcare, hospitals, hospice, etc., while preparing students to take the National Certified Nursing Assistant Exam to receive their Certified Nursing Assistant (CNA) License.

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.



Description	Details
<p>Nursing Professions 1-2 Students will be introduced to the healthcare community, examine the legal and ethics involved in nursing, apply our current knowledge of infection control and safety, identify mental health and social service needs, practice measuring and recording vital signs and provide basic emergency and personal care for patients in this semester long course. Students must provide their own transportation to lab sites. Membership in the student organization: HOSA is recommended. Participation in this class will prepare students for a Certified Nursing Assistant Licensure after the completion of Nursing Professions 3-4. *Completion or concurrent enrollment in Chemistry 1-2 or equivalent *Open to Seniors at all DUSD Schools through application process *Must provide own transportation</p>	<p>Prerequisite: Successful completion of Biology 1-2 or equivalent Credit: 1 per semester Location: WCHS *Open to all DUSD students</p>
<p>Nursing Professions 3-4 Students will continue to practice the skills learned in Nursing Professions 1-2. In addition, this course will focus on patient comfort and rest, mental health, nutrition, body systems, diagnostic testing, surgical care and end of life care for patients in this semester long course. Participation in the student organization, HOSA, is strongly recommended. Students must provide their own transportation to and from the lab. Upon successful completion of this course, students will have the opportunity to take the National Certified Nursing Assistant Exam to receive their Certified Nursing Assistant License. *Open to Seniors at all DUSD Schools through application process *Must provide own transportation</p>	<p>Prerequisite: Successful completion of Nursing Services 1-2 Credit: 1 per semester Location: WCHS *Open to all DUSD students</p>

CTE – HEALTH CAREERS

Sports Medicine and Rehabilitation

Location: DHS, SRHS, VVHS, WCHS

The Sports Medicine and Rehabilitation program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of select healthcare services. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.



Description	Details
<p>Sports Medicine 1-2 Students will receive an introductory level course designed for students interested in fields such as athletic training, physical therapy, medicine, and physiology of exercise, biomechanics, and other sports medicine-related fields. Students will practice the concepts of patients' rights, quality of care, communication skills, teamwork, decision-making and legal and ethical issues. The introductory course includes coursework in the following areas: prevention, evaluation, treatment, and rehabilitation of common sports injuries, health care administration, nutrition and insurance issues. Advanced anatomy including the musculoskeletal, nervous, and circulatory and respiratory system will be emphasized throughout the course. *This course may be offered for dual enrollment credit through Maricopa County Community College District pending instructor availability.</p>	<p>Prerequisite: None Credit: 1 Location: All</p>
<p>Sports Medicine Honors 3-4 Students will practice Sports Medicine and Rehabilitation Therapies (Sports Medicine 2) which is designed for students interested in fields such as athletic training, physical therapy, medicine, physiology of exercise, biomechanics, and other sports medicine related fields. The course covers prevention, treatment, and rehabilitation of advanced sports injuries, taping and wrapping of injuries, and emergency procedures. In addition, students will practice the concepts of nutrition, sports psychology, rehabilitation with therapeutic modalities, and fitness/conditioning/strength programs. Observation hours in various off-campus sports medicine settings will be required, so students must possess a driver's license, reliable transportation and proof of insurance. Students must get approval from parents, in writing, to ride with licensed classmates. *This course may be offered for dual enrollment credit through Maricopa County Community College District pending instructor availability.</p>	<p>Prerequisite: Sports Medicine 1-2 Credit: 1 Location: All</p>
<p>Sports Medicine Honors 5-6 Students will build on the skills learned in Sports Medicine 3-4H, with an work-based learning opportunities, professional skill standards, and industry credential readiness. Advanced skills and industry readiness, are developed through the completion of more client-based, hands-on projects. Students will have opportunities to work with the athletic department and competitive PE courses to develop and carry out programs. Students will become familiar with career and occupational opportunities within the field and will have an opportunity to show their work, design programs, and present portfolios for review by industry professionals. Students will also be recertified in CPR, First Aid, and Automated External Defibrillation. A commitment to after school, evenings, and CTSO participation (the student organization) is expected.</p>	<p>Prerequisite: Sports Medicine 3-4 Honors Credit: 1 Location: All</p>
<p>Sports Medicine & Rehabilitation Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: All</p>

CTE – TRANSPORTATION TECHNOLOGIES

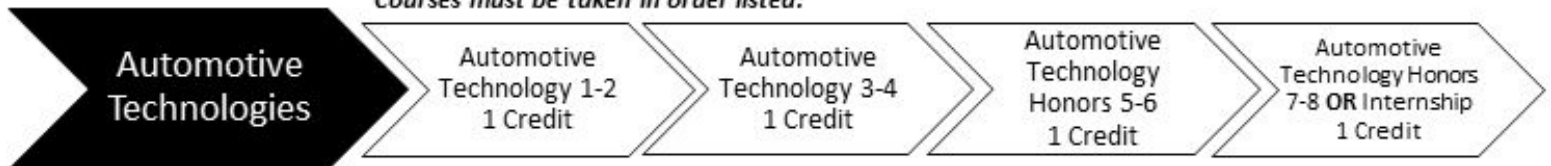
Automotive Technologies

Location: DHS

The Automotive Technologies program is designed to prepare individuals for jobs as technicians in the automotive or aerospace fields. (Each course is yearlong, divided into two semesters.)

*Students should choose two (2) or more yearlong courses offered in this program in order to complete a course sequence to be considered a concentrator.

Courses must be taken in order listed:



Description	Details
<p>Automotive Technology 1-2 Students will be introduced to automotive systems for the general public/consumers. Auto 1 will have an emphasis on general work safety. Following units focus on working with hand tools, electric equipment, pneumatic and hydraulic tools, and basic car maintenance and systems inspection. Auto 2 allows students to continue to explore automotive systems by using interactive computer training equipment that simulates real automotive systems along with work on real auto parts. This is a great course for anyone interested in knowing more about cars.</p>	<p>Prerequisite: None Credit: 1 Location: DHS</p>
<p>Automotive Technology 3-4 Students will continue the exploration of automotive systems. This is ideal for students who are interested in a career in the Automotive field. Students will perform standard inspections, maintenance and repair of: HVAC, Auto Transmission, Manual Transmissions, Engine, Steering and Suspension and Electrical systems. Students will train to use industry standard automotive service and test equipment such as ECU scan tools, computerized wheel alignment equipment and wheel mounting equipment, and advanced engine performance diagnostic equipment.</p>	<p>Prerequisite: Automotive Technology 1-2 Credit: 1 Location: DHS</p>
<p>Automotive Technology Honors 5-6 Students will prepare for taking the ASE national tests, entering advanced automotive training programs, and working in entry level automotive positions. This course is for students who want to work in the automotive industry as an Engineer, Technician, Parts and Service Management, or Business Management. Students will participate in authentic learning experiences in which they will provide a service to an organization or business.</p>	<p>Prerequisite: Automotive Technology 3-4 Credit: 1 Location: DHS</p>
<p>Automotive Technology Honors 7-8 Students will be provided with additional classroom lab time for extended hands-on experiences. These real world, authentic activities reinforce workplace skills necessary to master this Career and Technical Education Program. Students will participate in authentic learning experiences in which they will provide a service to an organization or business.</p>	<p>Prerequisite: Automotive Technology 5-6 Honors Credit: 1 Location: DHS</p>
<p>Automotive Technologies Internship Students will experience on-the-job training in a career path. Requirements include three weeks of classroom instruction in job preparation and application and 120 hours per year of on the job field work. Artifacts include a complete portfolio, two employer evaluations, two instructor field evaluations, a final, written summary and reflection. Students must provide their own transportation to the internship site.</p>	<p>Prerequisite: Application Credit: 1/Repeatable Location: DHS</p>

CTE – WEST-MEC OFFERINGS

Description	Details
<p>Aesthetics This one-year program specializes in the study of skin care and provides in-depth instruction on a variety of skin care services. The curriculum will include giving facials, skin analysis, pore cleansing, skin care regimens, waxing, eyebrow shaping, lash tinting and aromatherapy techniques. Upon completion of the program, students may test to receive a certification with the Arizona Board of Cosmetology.</p>	<p>Prerequisite: Credit: 1 credit in both English & Math with a C or better 2.25/semester Grade: 12 Fee: May require fee Location: See counselor</p>
<p>Air Conditioning Technology This one year program introduces students to the basic elements of heating, ventilation, and air conditioning systems. Students will have the opportunity to analyze electrical systems, perform maintenance repairs, troubleshoot and install air conditioning and heating units. Upon completion of the program, students may test to receive a certification with the National Center for Construction and Education Research (NCCER), Snap-On, OSHA-10.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 2/semester Grade: 11-12 Fee: May require fee Location: See counselor</p>
<p>Automotive Technology This two-year program, teaches students all aspects of automotive repair and maintenance including engine performance, engine repair, brakes, steering, suspension, and alignment, and electrical systems. Upon completion of the two-year program, students may take the Automotive Service Excellence (ASE) Certification Exam.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Aviation Maintenance Technology This two-year program teaches students the maintenance and repair of aircraft mechanical systems including 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 test for Federal Aviation Administration (FAA) Airframe and Powerplant certification. Must be available for summer sessions - June and July for 8-hour days.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 6/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Biomedical Science This two-year interactive program introduces students to human physiology, basic biology, medicine, and research processes. Throughout the course of the program, students will be examining human body systems and investigating how to prevent, diagnose and treat disease in a lab setting. Upon completion of the two-year program, students may sit for the Biotechnician Assistant Credentialing Exam (BACE).</p>	<p>Prerequisite: 1 credit in Algebra I, Algebra II, English, Biology & Chemistry with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Coding This two-year interactive program prepares students for a career as a software developer. The program teaches students how to design and develop software, build apps for phones, tablets, websites and write and test computer code. Upon completion of the program, students may test to receive a certification in Internet Web (CIW) JavaScript.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>

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CTE – WEST-MEC OFFERINGS

Description	Details
<p>Collision Repair & Refinishing This two-year program teaches the basic principles and terminology of the auto body repair industry. This hands-on repair program teaches metal work, basic painting and color matching, cost estimation, industry safety protocol, structural analysis, computer diagnostic systems, and welding in collision repair. Upon completion of the two-year program, students may test to receive Inter-Industry Conference on Auto Collision Repair (I-CAR) certification.</p>	<p>Prerequisite: 1 credit in both English Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Culinary Arts This one-year interactive program teaches students the latest techniques in commercial baking, food service safety and sanitation, and purchasing for food service systems. Successful completion of concurrent college credits leads to a Certificate of Completion in Culinary Principles. Students may also test to receive certification in Food Service Safety and Sanitation as well as ServSafe Food Manager Certification.</p>	<p>Prerequisite: Unweighted GPA of 3.0 or better or reading assessment results Credit: 1.25/semester Grade: 11-12 Fee: May require fee Location: See counselor</p>
<p>Dental Assisting This two-year program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of dental assisting health care services-both front office and clinical responsibilities. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with a dental assistant. Students completing this program will be prepared to participate in teams, solve problems, think critically and implement effective solutions.</p>	<p>Prerequisite: 1 credit of English and Science with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Drone Technology This one-year program is designed to educate students on how to build, program, and fly unmanned aircraft systems (UAS) to perform various missions. Students will learn to fly UAS using various software programming platforms designed to integrate with onboard sensors, autopilots, and GPS. In addition, they will analyze, troubleshoot, and maintain instrumental and control systems used in constantly evolving drone technology.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 Fee: May require fee Location: See counselor</p>
<p>Electrical Trade Speciality This one-year program in the Electrical Trade Speciality program prepares trainees to enter the residential electrician field. Upon completion of the program, students may test to receive a certification with the National Center for Construction and Education Research (NCCER), Snap-On, OSHA-10.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 1.5/semester Grade: 11-12 Fee: May require fee Location: See counselor</p>
<p>Emergency Medical Technology (EMT) This one-year program teaches students basic emergency medical care. Students will learn to assess and treat patients. Training consists of first-response care, CPR, measuring vital signs, bandaging, and other life-saving procedures. Upon completion of the course, students who are 18 years of age or older may take the National Registry Exam to receive EMT certification.</p>	<p>Prerequisite: Unweighted GPA of 3.0 or reading assessment results Credit: 1/semester Grade: 11-12 Fee: May require fee Location: See counselor</p>

CTE – WEST-MEC OFFERINGS

Description	Details
<p>Energy and Engineering Technology This two-year program explores the fields of mechanical systems, electrical systems electronics, instrumentation and controls, energy production systems. This program is run in close partnership with APS, Palo Verde Nuclear Generating Facility and Estrella Mountain Community College. Upon completion of the two-year program, students may test to receive OSHA 10, American Heart Association CPR/AED and First aid, ACT National Career Readiness Certificate, Energy Industry Fundamentals Certificate, NCCER certifications.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Fire Science This one-year program is an overview of the fundamentals in the firefighting profession. Students will learn fire fighting tactics, search and rescue procedures, and perform simulated fire fighting training exercises. Upon completion of the program, students may take the International Fire Service Accreditation Congress (IFSAC) Certification Exam.</p>	<p>Prerequisite: Unweighted GPA of 3.0 or better or passing or reading assessment results Credit: 1/semester Grade: 11-12 Fee: May require fee Location: See counselor</p>
<p>General Construction Technology This two-year program prepares students to enter the residential and commercial construction industry. Students will learn estimating, concrete, masonry, framing, dry-wall, basic electrical, basic plumbing, roofing, hand and power tools, rigging and materials handling, along with site safety. Upon completion of the two-year program, students may test for certification with the National Center for Construction and Education Research (NCCER).</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 Fee: May require fee Location: See counselor</p>
<p>Hairstyling These two year interactive programs teach students the latest haircut, color, perm and styling procedures from experienced cosmetology professionals in a state-of-the-art salon setting. Upon completion of the Hairstyling two year program, students may test to receive a cosmetology license Certification in Hairstyling from the Arizona Board of Cosmetology.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/yr 1 & 4/yr 2 Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>IT Security This two-year program focuses on the foundational principles of securing computer networks and managing risk. Important topics covered are managing networks, ethical hacking defense, troubleshooting Linux OS and mitigating security risks. Upon completion of the two-year program, students may test to receive ACT National Career Readiness Certificate and other entry-level IT Security certifications.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Law and Public Safety This two-year program explores the basic skills used in patrol functions, defensive tactics, use of force and first aid. Students will learn constitutional law, forensic science, first aid/CPR and more. Upon completion of the two-year program, students may test to receive a certification in Arizona Security License, First Aid, CPR, AED and FEMA Incident Command System Certifications.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>

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CTE – WEST-MEC OFFERINGS

Description	Details
<p>Medical Assisting This one or two-year program prepares students with the necessary clinical and administrative knowledge to become entry-level medical assistants. Students will receive hands-on training and learn how to properly administer injections, take vital signs, record EKGs, implement basic accounting procedures, and understand the fundamentals of patient documentation. Upon completion of the program, students may test to receive a certification with the American Heart Association CPR/AED, Registered Medical Assistant, Registered Phlebotomy Technician.</p>	<p>Prerequisite: 1 credit in both English & Science with a C or better <u>2 year program</u> Credit: 3/year Grade: 11-12 <u>1 year program</u> Credit: 2.75/semester Grade: 12 Fee: May require fee Location: See counselor</p>
<p>Medical Laboratory Science This one-year program introduces students to careers in the healthcare field. This program will provide students with knowledge and experience of working in a medical laboratory setting. Students will obtain skills in laboratory biological safety measures, phlebotomy procedures, laboratory aseptic technique, specimen collection procedures, laboratory documentation, ethics in the workplace, as well as patient care. After completion of the one-year program, successful candidates will be prepared to seek one or more certifications, like OSHA 10 Healthcare, and Certified Phlebotomy Technician (CPT).</p>	<p>Prerequisite: 1 credit in English, Math, Lab Science with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Medium/Heavy Diesel Technology This two-year program teaches students the maintenance and repair of diesel systems found in medium-heavy equipment like trucks, buses, cranes, tractors, and more. Students will use computers to troubleshoot and diagnose electrical systems, brakes, suspension, steering, and hydraulics using Snap-on Tools technology and equipment. Upon completion of the two-year program, students may take the Automotive Service Excellence (ASE) Certification Exam, Snap-on, OSHA-10.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Nursing Services This one-year program prepares students with the necessary clinical and administrative knowledge to become entry-level nursing assistants. Students will receive hands-on training and learn how to properly administer basic nursing care, understand bodily system and vital signs, practice client-centered care and critical thinking, work on patient advocacy, teamwork and professionalism, practice patient hygiene care, collect basic specimens and maintain patient records and proper ethics.</p>	<p>Prerequisite: 1 credit in Algebra II, 2 credits of English, 2 Lab Science with a C or better Credit: 1.5/semester Grade: 12 Fee: May require fee Location: See counselor</p>
<p>Pharmacy Science This one-year program teaches students the delivery of pharmaceutical services alongside licensed pharmacists in a pharmacy setting. The program teaches medical terminology, pharmacy law, quality customer service, pharmacology, preparing prescription medications, and administrative duties such as inventory of drugs and pharmacy operations. Upon completion of the one-year program, students may test to receive Pharmacy Technician Certification Board (PTCB) Certification, American Heart Association CPR/AED.</p>	<p>Prerequisite: 1 credit each of English, Science and Math I with a C or better Credit: 1.5/semester Grade: 12 Fee: May require fee Location: See counselor</p>
<p>Physical Therapy This one-year program prepares students with the necessary skills and techniques to become a physical therapy technician. Students will receive hands-on instruction in helping patients who are recovering from all types of injuries and illnesses to improve their quality of life. Topics include innovative orthopedic techniques, neurological and pediatric rehabilitation, pain management therapy, rehabilitation equipment staging and treatment area skills, and record treatment. Upon completion of the program, students may test to received certification with the American Heart Association CPR/AED and OSHA-10.</p>	<p>Prerequisite: 1 credit in both English & Science with a C or better Credit: 1.5/semester Grade: 11-12 Fee: May require fee Location: See counselor</p>

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CTE – WEST-MEC OFFERINGS

Description	Details
<p>Powersports Technology This two-year program prepares students with technical skills to service, maintain and diagnose Powersport vehicles, such as Motorcycles, All-Terrain Vehicles (ATV's), Utility Terrain Vehicles (UTV's), and Personal Watercraft. Students receive hands-on training in two-stroke and four-stroke engines, drive-train systems, suspension, brakes, electrical diagnosis, and engine management systems. West-MEC programs prepare students to seek one or more industry certification or licensure in their field of study, providing a pathway to economic independence.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Precision Machining This two-year program exposes students to precision manufacturing and computer numerically-controlled machining. Students will gain insight on the select tools and materials needed to make durable goods, read blueprints, comprehend CNC theory and procedures, utilize machine shop math, etc. Upon completion, students may test to receive a certification with the National Institute of Metalworking Skills.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>
<p>Veterinary Science This one or two-year program will teach students how to deliver medical care to domestic, exotic and large animals, i.e. cats, dogs, reptiles, birds. Students will have the opportunity to draw an animal's blood and collect other lab specimens, clean teeth, administer medication as prescribed by a licensed veterinary technician and/or veterinarian, witness surgeries, and help the veterinary team with animal nursing. Upon completion of the program, students may test to receive a certification with the National Association of Veterinary Technicians in America.</p>	<p>Prerequisite: 1 credit in both English, Science and Math with a C or better <u>2 year program:</u> Credit: 3/year Grade: 11-12 <u>1 year program:</u> Credit: 2.75/semester Grade: 12 Fee: May require fee Location: See counselor</p>
<p>Water Systems This one-year program equips students with laboratory and technical knowledge for entry-level water services positions. West-MEC students use the engineering process to understand and solve complex water cycle, water, and wastewater treatment problems. Applied mathematics, chemistry, and microbiology concepts are embedded throughout the program.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 1.5/semester Grade: 11-12 Fee: May require fee Location: See counselor</p>
<p>Welding Technology This two-year program explores the basic skills used in metalworking, manufacturing and industrial production. Students will learn basic safety techniques, sheet metal work, acetylene welding and cutting, electric welding, soldering, plasma cutting, and much more. Upon completion of the program, students may test to receive a certification with the American Welding Society S.E.N.S.E (AWS), Snap-On, OSHA-10, NCCER Welding Levels 1,2&3 Certifications.</p>	<p>Prerequisite: 1 credit in both English & Math with a C or better Credit: 3/year Grade: 11-12 (2 year program) Fee: May require fee Location: See counselor</p>

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