

Paradise Honors High School Course Catalog 2019 - 2020



**Paradise Honors High School
12775 N 175th Ave
Surprise, AZ 85388
623-455-7400**



Dear Student:

Paradise Honors High School offers a wide variety of courses for high school students. The purpose of the Catalog of Approved High School Courses is to help you and your parents select the courses that are a best fit for you. Choosing the courses for your high school program is an extremely important task and one that you should do thoughtfully with your parents. You should consider:

- What courses are required for graduation?
- When will you take each required course?
- What are your interests and areas in which you wish to develop?
- What courses are best suited to your goals?

Teachers, school counselors, and administrators are available to help you make wise choices. Please take full advantage of the help and support that they have to offer. Be sure to schedule an appointment with your school counselor to help you with the important task of developing your four-year high school plan. Also, meet with your school counselor each year to review your plan and to select courses for the upcoming school year.

High school is an exciting time in life. You can design a program of studies that is uniquely suited to helping you grow and develop into the person that you want to be. Plan your academic program to move you toward the future you want for yourself. On behalf of our entire school system, I wish you much success.

Sincerely,

Jessica Alessio
Principal

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Graduation Requirements

Credit Requirements: Students must earn a minimum of 24 credits to graduate. *Proposed changes include increasing graduation requirements to 25 for the Class of 2022 and 26 for the Class of 2023.* Credits can be earned in the following areas:

CORE REQUIREMENTS			OTHER REQUIREMENTS	
Subject Area	Current Specific Credit Requirements	Testing	Subject Area	Current Specific Credit Requirements
English	4 credits, including: <ul style="list-style-type: none"> • 1 credit in Freshman English • 1 credit in Sophomore English • 1 credit in Junior English • 1 credit in Senior English 	AzMERIT English	Fine Arts / CTE	1 credit
			Physical Education & Health	1 credit, including any combination of the following: <ul style="list-style-type: none"> • 1 credit in Health or • 1 credit in Physical Education or • .5 credit in Health and .5 credit in Physical Education or • 1 credit in Lifetime Wellness • 1 credit in Weight Training
Mathematics	4 credits, including: <ul style="list-style-type: none"> • 1 credit in Algebra 1 • 1 credit in Geometry • 1 credit in Algebra 2 • 1 credit with significant math content 	AzMERIT Mathematics	World Language	2 successive credits of either Japanese or Spanish
			Electives	4 credits to include courses beyond requirements (Class of 2020 and Class of 2021) 5 credits to include courses beyond requirements (Class of 2022)*** 6 credits to include courses beyond requirements (Class of 2023)***
Science	4 credits, including: <ul style="list-style-type: none"> • 3 credits in preparation for AIMS exam • 1 credit in Science elective 	AIMS Science		
Social Studies	4 credits, including: <ul style="list-style-type: none"> • 1 credit in World History • 1 credit in Government • 1 credit in US History • 1 credit in Economics 	Civics Test (<i>passing score required for graduation</i>)	Community Service	20 hours per year at PHHS

* Students who successfully complete high school level mathematics in middle school still need to earn four credits in mathematics, preferably in higher level courses.

** Students who received credit for Spanish I based on work in middle school still need to earn at least 2 credits in World Languages to meet their World Languages graduation requirements

*** Proposed changes to the graduation requirements would increase the overall credits to 25 for the Class of 2022 and to 26 for the Class of 2023. Both classes will be required to earn additional elective credits.

AIMS Information

Arizona's Instrument to Measure Standards (AIMS)

Arizona's Instrument to Measure Standards (AIMS) is a standards based assessment. All Arizona public schools, including districts schools and charter schools, are required to properly administer state and federally mandated assessments. AIMS assessments measure each student's proficiency of the Arizona Academic Content Standards in science. AIMS tests are challenging tests that are typically administered during the sophomore year.

<u>Performance Level</u>	<u>Science Scale Scores</u>
Falls Far Below	200-474
Approaches	475-499
Meets	500-536
Exceeds	537-800

AzMERIT Information

AzMERIT

Beginning in the 2014-2015 school year, the Arizona Department of Education selected a new computer-based assessment to replace AIMS. The AzMERIT assessment is different from AIMS in that it assesses content knowledge at the end of Mathematics and English courses rather than knowledge gained by students at the end of their sophomore years. High school students take what is called an End of Course Assessment in March through May of the year in which they are enrolled in the course. Courses tested include all levels of freshman, sophomore, and junior English as well as Algebra I, Geometry, and Algebra II. The State has not yet determined how these assessments will affect graduation.

The AzMERIT is also different from AIMS in that it is a computer-based assessment rather than paper-based. Students will test with their same cohort. Testing will still take place during a three-day period like AIMS; however, these days are not consecutive. The Writing Assessment will be taken first as mandated by the State. Reading will follow, and the Mathematics test will be taken last. Further information regarding accountability and graduation requirements will be provided as it becomes available.

Civics Test Information

In 2015, the Arizona legislature passed the American Civics Act (House Bill 2064). This bill will require students, beginning with the graduating class of 2017, to pass a civics test based on the United States Immigration and Naturalization civics questions. Students will be required to score 60% or higher in order to graduate from high school or obtain a high school equivalency certificate. As a courtesy, the Arizona Department of Education, with help from the Maricopa County Education Service Agency and Arizona educators, has developed a mostly multiple choice version of the required test.

The Civics Test provided by ADE includes the 100 civics questions from the naturalization test with most questions rewritten as multiple choice questions. The few questions that require students to name specific elected officials are worded as short answer questions and placed at the end of the test. The multiple choice questions are ordered by the grade based on test content alignment, beginning with Kindergarten and ending with high school.

The official list of 100 civics questions included on the naturalization test and free study materials are posted on the U.S. Citizenship and Immigration Services web site: <http://www.uscis.gov/citizenship/learners/study-test/study-materials-civics-test>

General Information

Attendance

All students are expected to attend school regularly in accordance with the Public School Laws of Arizona and may be excused from class or school only for reasons as specified in the Arizona Department of Education Guidelines and Procedures.

*Attending school regularly
is the first step toward
academic excellence!*

Note: Per Arizona Revised Statute 15-802, 15-803, any high school student with unlawful absences constituting 10% or more of a semester course may have his or her name submitted to the principal for consideration of denial of credit. A student may also have his or her name submitted for denial of credit for whom lawful and/or unlawful absences constitute 10 % of a semester course if the student has not made up missed work or is not meeting expected levels of performance.

For more information on the Attendance Policies see the PHS Student Handbook.

Release Time: Qualifications and Procedures

The following conditions apply to any senior who wishes to leave school early:

- Applicants must complete an Early Release Request Form to initiate the process. Forms are available in the counseling office or on the counseling website. The school counselor and principal must indicate their approval on this form.
- If the conditions upon which approval was granted change, it is the responsibility of the student to inform the school of this change.
- Students who are granted early release must leave the school premises after their last class. Parents assume all responsibility for students during early release.
- In order to be eligible for release time, students must have completed all of their student service hours through their junior year.
- Release time approval prior to the conclusion of 7th hour requires proof of attendance at a local college or employment (must not be a relative of the student).

Grading and Reporting

Reporting Student Progress

1. School staff shall communicate to students and parents on a regular basis the student's level of academic performance in the essential curriculum.
2. Progress reports printed from PowerSchool reflect the progress of the student through the date of issuance and do not represent the marking period or final grade.
3. Report cards are issued at the conclusion of each semester.

General Information

Weighted Grade Point Average (GPA) and Class Rank

Weighted GPA/class rank may only be used for the purpose of college admission and/or scholarship applications. It will not be used for athletic eligibility, National Honor Society, honor roll, or for any other activity requiring the reporting of the grade point average. Both weighted and non-weighted GPA/class rank will appear on the high school transcript. Students receive weighted quality points if they earn a grade of “A” or “B” or “C” in Advanced Placement (AP), Dual Enrollment (DE) and Honors courses. Weighted classes are designated in the catalog with the symbol \diamond . Students earn 1.0 additional quality points for AP, DE, and Honors courses.

Weighted Quality Points			
Grade	AP or DE	Honors	Regular
A	5.0	5.0	4.0
B	4.0	4.0	3.0
C	3.0	3.0	2.0
F	0	0	0

Grade Promotion

To be promoted to grade 9 students must:

- Pass all core content courses in middle school.

To be promoted to grade 10 students must:

- Earn 6 credits including passing all core courses.
- Successfully complete 20 hours of community service during freshman year.

To be promoted to grade 11 students must:

- Earn 12 credits including passing all core courses.
- Successfully complete 20 hours of community service during sophomore year.

To be promoted to grade 12 students must:

- Earn 18 credits including passing all core courses.
- Successfully complete 20 hours of community service during junior year.

Credit Recovery

Students may take a course more than one time only for the purpose of credit recovery. Once a student has earned a passing grade in a course, he/she is not allowed to retake the same course for credit. If a student failed to earn credit in an enrolled course, that student may retake the same course for credit until a passing grade is earned.

Withdrawal from Courses

Any student who withdraws from any course more than 10 school days after the beginning of the semester will receive a “W” (withdrawal) on the report card and permanent record card. No credit shall be received by students who withdraw.

- a. If a student transfers between levels of the same course, the grade the student earned will be transferred and averaged. A “W” code will not be assigned.
- b. If a student withdraws from a course and transfers to a different course more than 10 days after the beginning of the semester, no credit will be awarded. The schedule change form will be placed in the student’s cumulative record. A “W” code will be assigned.

General Information

Academic Eligibility

The following rules will govern academic eligibility for student participation in all voluntary extracurricular activities, except student self-help groups. These types of student activities include athletic teams, cheerleading, school plays, musicals, school clubs, elective offices, non-required trips by performing groups, etc.

Earning Academic Eligibility

A full-time student earns academic eligibility for bi-weekly student participation in all voluntary activities by passing and maintaining a “C” in all authorized courses which governs the student’s specific activity. If a student has a “W” code for a course, the grade at the time of withdrawal will determine if the student is eligible for voluntary extracurricular activities. This provision applies to all students enrolled at Paradise Honors High School.

Bi-Weekly Eligibility Criteria

Each voluntary extracurricular activity is governed by meeting the academic eligibility requirements listed below:

- Eligibility is declared every other Monday (bi-weekly). On Monday holidays, eligibility will be declared the following day.
- Students who become ineligible will not be permitted to attend or participate in practice sessions, games, meetings, or activities until he/she becomes re-eligible.
- Students who are declared ineligible shall be ineligible for a minimum of two weeks beginning the Tuesday (or day after grades pulled) through a two week period when grades are pulled again (typically on Monday).
- Students who receive a discipline referral may be deemed ineligible for any extracurricular activities.
- School administration reserves the right to restrict participation in any extracurricular activities for any student.

Special Education Students

The Academic Eligibility Policy governs special education students’ eligibility for extracurricular activities unless the Individualized Education Program (IEP) team exempts the student. The IEP team can exempt a student when it determines that failure to meet eligibility requirements is a direct result of the student’s educational disability.

National Collegiate Athletic Association (NCAA) Eligibility

All students who intend to participate in interscholastic athletics in a Division I or Division II postsecondary institution must register with the NCAA Initial-Eligibility Clearinghouse. The purpose of this registration is to determine whether or not the student is a “qualifier” and can practice, compete, and receive athletic scholarships as a freshman. Part of that determination is based upon the student’s completion of a required number of core courses as approved by the NCAA. The courses designated with ★ have been approved by the NCAA for Paradise Honors High School for the upcoming school year. Because the approved list of courses is updated every year, students must maintain contact with their school counselor to assure that courses selected during the registration process are still accepted by the NCAA for the subsequent school year. Students are also encouraged to see their counselors to receive more complete information on NCAA eligibility requirements, or go to their website - <https://web3.ncaa.org/ecwr3/>.

General Information

Course Levels

As long as students meet the course prerequisites, they may enroll in any level of a course (regular, honors, or advanced placement) regardless of whether or not they were enrolled in that level the previous year.

Regular Courses are designed for students who have grade level skills. The courses prepare students with the knowledge and skills required to meet state content standards.

Honor Courses are designed for students who are capable of and interested in progressing through course material with more depth and rigor than the regular course. Honors courses prepare students with the knowledge and skills required to meet state content standards.

Advanced Placement (AP) Courses are taught at a college level with curriculum determined by The College Board. Students successfully completing AP courses should plan to take the Advanced Placement tests in May. Students who score well on these exams may be awarded credit by colleges and universities throughout the United States.

*Be sure to challenge yourself!
Consider enrolling in appropriate
Honors and Advanced
Placement classes.*

Special Education

Special Education services are designed to meet the needs of students with disabilities who have been found eligible for services through the Individualized Education Program (IEP) process. An IEP is developed through an IEP team and reflects special education instruction, supports, related services, and least restrictive environment guidelines in accordance with the Individuals with Disabilities Education Act (IDEA-R).

NOTE: All diploma seeking students, including students with IEPs and 504 plans, must complete graduation requirements.

504

Students become eligible for a 504 plan due to a documented disability that limits one or more major life functions. A multidisciplinary 504 team develops the 504 plan that reflects appropriate accommodations and modifications in accordance with Section 504 of the Rehabilitation Act.

NOTE: All diploma seeking students, including students with IEPs and 504 plans, must complete graduation requirements.

General Information

West-MEC

West-MEC Central Programs are Career and Technical Education programs offered at our West-MEC career campuses, partnering community college campuses, and member district high schools. Business and industry partners support West-MEC Central Programs. These programs equip students with relevant skills and working industry knowledge to propel students in their future careers and higher learning endeavors. Students will have opportunities to earn industry certification, college credit and internships. These programs do not follow a typical high school schedule and students are responsible for transportation to various West-MEC, community college, and other high school campuses for their preferred program. High school students residing in the West-MEC district boundaries and attending school in member districts, charter schools, private schools or homeschool are eligible to participate in West-MEC Central Programs.

It is important to note that all PHHS students must be enrolled in a minimum of 4 courses at PHHS in conjunction with individual West-MEC program requirements. Furthermore, not all program session times will work with the PHHS daily schedule. Please see your school counselor prior to submitting your application to discuss session availability. Credits earned through West-MEC programs may be used to fulfill the initial CTE graduation requirement. All subsequent West-MEC credits will transfer to PHHS as elective credit.

2019-2020 Programs

Aesthetician

4.5 elective credits

Can start in 11th or 12th grade

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: 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. This program is partnered with Gateway Community College.

Location – West-MEC Northwest Campus (Surprise)

11:30 AM – 3:00 PM Monday-Friday

3:15 PM – 6:45 PM

Cost - \$1200

Air Conditioning Technician

4 elective credits

Open to rising 11th & 12th grade students

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).

Location - West-MEC Northeast Campus (Phoenix)

7:30 AM – 10:30 AM Monday-Friday

Cost- \$125

General Information

Automotive Collision Technology **6 elective credits**

Open to rising 11th grade students

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.

Location - West-MEC Northeast Campus (Phoenix)

4:00 PM - 6:30 PM Monday-Friday (1st year students)

1:00 PM - 3:30 PM Monday-Friday (2nd year students)

Cost - \$125

Automotive Technology **6 elective credits**

Open to rising 11th grade students

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.

Location - West-MEC Northeast Campus (Phoenix)

4:00 PM - 6:30 PM Monday-Friday (1st year students)

1:00 PM - 3:30 PM Monday-Friday (2nd year students)

Cost - \$125

Location - West-MEC Northwest Campus (Surprise)

Session 1 1:00 PM - 3:30 PM Monday-Friday (1st year students)

Session 2 4:00 PM - 6:30 PM Monday-Friday (1st year students)

Cost - \$125

Aviation Maintenance Technology **12 elective credits**

Open to rising 11th grade students

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.

Location - West-MEC Central Campus (Glendale)

1:00 PM – 5:35 PM Monday-Friday (1st year students)

1:00 PM – 5:35 PM Monday-Friday (2nd year students)

Cost - \$525

General Information

Avionics/Drone Electronics

6 elective credits

Open to rising 11th grade students

This two-year program is designed to educate students on electronics within the aviation industry. Students will learn avionics installation, troubleshooting, system integration and avionics operating systems, including GPS systems, autopilot, communication systems, and weather radar. Upon completion of the program, students may test to receive a certification with the Federal Communications Commission (FCC).

Location - West-MEC Central Campus (Glendale)

4:00 PM – 6:30 PM Monday- Friday (1st year students)

1:00 PM – 3:30 PM Monday-Friday (2nd year students)

Cost - \$125

Biomedical Science

6 elective credits

Open to rising 11th grade students

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. 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.

Location - West-MEC Northwest Campus (Surprise)

Session 1 1:00 PM – 3:30 PM Monday- Friday (1st year students)

Session 2 4:00 PM – 6:30 PM Monday-Friday (1st year students)

Cost - \$125

Coding

6 elective credits

Open to rising 11th grade students

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.

Location – West-MEC Central Campus (Glendale)

Session 1 1:00 PM – 3:30 PM Monday-Friday (1st year students)

Session 2 4:00 PM – 6:30 PM Monday-Friday (1st year students)

Session 1 1:00 PM – 3:30 PM Monday-Friday (2nd year students)

Session 2 4:00 PM – 6:30 PM Monday-Friday (2nd year students)

Students remain in same session for both years of program.

Cost- \$125

General Information

Culinary Principles

2.5 elective credits

Open to rising 12th grade students

This one-year interactive program teaches students the latest techniques in commercial baking, food service safety and sanitation, and purchasing for food service 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. This program is offered in partnership with Estrella Mountain Community College.

Location – Estrella Mountain Community College (Avondale)

1:00 PM – 3:45 PM Monday- Thursday

Cost - \$515

Dental Assisting

6 elective credits

Open to rising 11th grade students

This two-year program prepares students to perform technical services and become entry-level dental assistants. Students will receive hands-on training and learn how to assist medical professionals with dental examinations, sterilize and prepare instruments, polish teeth, take and develop x-rays and take impressions of teeth. Upon completion of the program, students may test to receive a certification with the American Heart Association CPR/AED, Dental Assisting National Board (DANB), and the National Entry Level Dental Assistant (NELDA) Certification.

Location - West-MEC Northwest Campus (Surprise)

4:00 PM – 6:30 PM Monday-Friday (1st year students)

1:00 PM – 3:30 PM Monday-Friday (2nd year students)

Location - West-MEC Southwest Campus (Buckeye)

Session 1 1:00 PM – 3:30 PM Monday-Friday (1st year students)

Session 2: 4:00 PM – 6:30 PM Monday-Friday (1st year students)

Cost - \$125

Electrical Trade Specialties

3 elective credits

Open to rising 11th and 12th grade students

This one-year program introduces students to the basic elements electrical systems. Students will have the opportunity to analyze construction drawings, perform maintenance on electrical circuits, work with control systems, install lighting, and motors. Upon completion of the program, students may test to receive a certification with the National Center for Construction and Education Research (NCCER).

Location - West-MEC Northeast Campus (Phoenix)

1:00 PM - 3:30 PM Monday-Friday

Location - West-MEC Southwest Campus (Buckeye)

1:00 PM – 3:30 PM Monday-Friday

Cost - \$125

General Information

Emergency Medical Technician **2 elective credits**

Open to rising 12th grade students only

This one-semester 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. Students who are 18 years of age or older may take the National Registry Exam to receive EMT certification.

Location – Gateway Community College at Deer Valley (Phoenix)

Fall: 2:00 PM – 5:00 PM Monday - Thursday

Spring: 2:00 PM – 5:00 PM Monday - Thursday

Location – Gateway Community College Southwest Skill Center (Avondale)

Fall: 2:00 PM – 5:00 PM Monday - Thursday

Spring: 2:00 PM – 5:00 PM Monday - Thursday

Cost – Approximately \$325

Energy and Industrial Technology **6 elective credits**

Priority given to rising 11th grade students

West-MEC's Energy and Industrial Technology Program explores the fields of electricity, electronics, instrumentation & controls, mechanical systems, industrial skills, and power skills. 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 OSHA10, American Heart Association CPR/AED and First aid, ACT National Career Readiness Certificate, Energy Industry Fundamentals Certificate, NCCER certifications.

Location - West-MEC Southwest Campus (Buckeye)

4:00 PM – 6:30 PM Monday-Friday (1st year students)

1:00 PM – 3:30 PM Monday-Friday (2nd year students)

Cost - \$175

Fire Science **2 elective credits**

Open to rising 11th or 12th grade students

This one-year program is an overview of the fundamentals in the firefighting profession. Students will learn firefighting tactics, search and rescue procedures, and perform simulated firefighting training exercises. Upon completion of the program, students may take the International Fire Service Accreditation Congress (IFSAC) Certification Exam.

Location - Glendale Community College (Glendale)

1:30 PM – 4:30 PM Monday & Wednesday

1:30 PM – 4:30 PM Tuesday & Thursday

Cost - \$350-\$500

General Information

General Construction Technology **5 elective credits**

Open to rising 11th and 12th grade students

This one-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 one-year program, students may test for certification with the National Center for Construction and Education Research (NCCER).

Location - West-MEC Northeast Campus (Phoenix)

7:30 AM – 11:00 AM Monday – Friday

Location - West-MEC Southwest Campus (Buckeye)

7:00 AM – 10:30 AM Monday – Friday

Cost - \$125

Hairstyling **7 elective credits**

Open to rising 11th grade students

This two-year interactive program teaches students the latest techniques in hair, skin and nail care from experienced cosmetology professionals in a state-of-the-art salon setting. Upon completion of the Hairstyling two-year program, students may test to receive a cosmetology license Certification in Hairstyling from the Arizona Board of Cosmetology. This program is partnered with Gateway Community College.

Location – West-MEC Northwest Campus (Surprise)

Session 1 1:00 PM – 3:30 PM Monday-Friday (1st year students)

Session 2 4:00 PM – 6:30 PM Monday-Friday (1st year students)

Location – West-MEC Southwest Campus (Buckeye)

Session 1 1:00 PM – 3:30 PM Monday-Friday (1st year students)

Session 2 4:00 PM – 6:30 PM Monday-Friday (1st year students)

Cost - \$825

IT Security **6 elective credits**

Priority given to rising 11th grade students

This two-year program focuses on the foundational principles of securing computer networks and managing risk. Important topics covered are manage 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.

Location - West-MEC Northwest Campus (Surprise)

4:00 PM – 6:30 PM Monday-Friday (1st year students)

1:00 PM – 3:30 PM Monday-Friday (2nd year students)

Location - West-MEC Southwest Campus (Buckeye)

4:00 PM – 6:30 PM Monday-Friday (1st year students)

1:00 PM – 3:30 PM Monday-Friday (2nd year students)

Cost - \$125

General Information

Law, Public Safety and Security

6 elective credits

Open to rising 11th grade students

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 Certified Protection Officer Certification, Arizona Security License, First Aid, CPR and AED Management of Aggressive Behaviors certifications.

Location - West-MEC Central Campus (Glendale)

4:00 PM – 6:30 PM Monday-Friday (1st year students)
1:00 PM – 3:30 PM Monday-Friday (2nd year students)

Location - West-MEC Northwest Campus (Surprise)

4:00 PM – 6:30 PM Monday-Friday (1st year students)
1:00 PM – 3:30 PM Monday-Friday (2nd year students)

Cost - \$125

Medical Assisting

5.5 – 6 elective credits

Open to rising 11th and 12th grade students

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.

One-Year Program

Location - West-MEC Northeast Campus (Phoenix)

7:00 AM – 11:00 AM Monday – Friday

Location - West-MEC Southwest Campus (Buckeye)

7:00 AM – 11:00 AM Monday – Friday

Two-Year Program

Location - West-MEC Northeast Campus (Phoenix)

4:00 PM – 6:30 PM Monday – Friday (1st year students)
1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Location - West-MEC Northwest Campus (Surprise)

4:00 PM – 6:30 PM Monday – Friday (1st year students)
1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Location - West-MEC Southwest Campus (Buckeye)

4:00 PM – 6:30 PM Monday – Friday (1st year students)
1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Cost - \$125

General Information

Medium Heavy Diesel Technology

6 elective credits

Open to rising 11th grade students

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 diagnosis 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.

Location - West-MEC Northeast Campus (Phoenix)

4:00 PM – 6:30 PM Monday – Friday (1st year students)

1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Cost - \$125

Pharmacy Technician

3 elective credits

Open to rising 12th grade students

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.

Location - West-MEC Northeast Campus (Phoenix)

Session 1: 1:00 PM – 3:30 PM Monday-Friday

Session 2: 4:00 PM – 6:30 PM Monday-Friday

Location - West-MEC Southwest Campus (Buckeye)

Session 1: 1:00 PM – 3:30 PM Monday-Friday

Session 2: 4:00 PM – 6:30 PM Monday-Friday

Cost - \$125

Physical Therapy Technician

3 elective credits

Open to rising 11th & 12th grade students

This one-year program prepares students with 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 receive certification with the American Heart Association CPR/AED and OSHA-10.

Location - West-MEC Northwest Campus (Surprise)

Session 1: 1:00 PM – 3:30 PM Monday-Friday

Session 2: 4:00 PM – 6:30 PM Monday-Friday

Cost - \$125

General Information

Precision Machining

6 elective credits

Open to rising 11th grade students

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 of the program, students may test to receive a certification with the National Institute of Metalworking Skills (NIMS).

Location - West-MEC Central Campus (Glendale)

4:00 PM – 6:30 PM Monday – Friday (1st year students)

1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Cost - \$125

Veterinary Sciences

5.5 - 6 elective credits

Open to rising 11th and 12th grade students

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 assist a certified veterinary technician and/ or veterinarian in surgery, run laboratory tests, obtain animal vitals, and provide daily care and enrichment to the animals up for adoption. This program prepares students to be a vital part of the veterinary team working together to save animals lives. Upon completion of the program, students may test to receive a certification with the National Association of Veterinary Technicians in American (NAVTA).

One-Year Program

Location – West-MEC Northeast Campus (Phoenix)

7:00 AM – 11:00 AM Monday – Friday

Cost - \$125

Two-Year Program

Location - West-MEC Northeast Campus (Phoenix)

4:00 PM – 6:30 PM Monday – Friday (1st year students)

1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Cost - \$125

Location - West-MEC Northwest Campus (Surprise)

4:00 PM – 6:30 PM Monday – Friday (1st year students)

1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Location - West-MEC Southwest Campus (Buckeye)

Session 1 1:00 PM – 3:30 PM Monday – Friday (1st year students)

Session 2 4:00 PM – 6:30 PM Monday – Friday (1st year students)

Cost - \$125

General Information

Welding Technology

6 elective credits

Open to rising 11th grade students

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).

Location - West-MEC Central Campus (Glendale)

4:00 PM – 6:30 PM Monday – Friday (1st year students)
1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Location - West-MEC Southwest Campus (Buckeye)

4:00 PM – 6:30 PM Monday – Friday (1st year students)
1:00 PM – 3:30 PM Monday – Friday (2nd year students)

Cost - \$265

General Information

Alternative Sources of Credit

Besides attending regular school classes, students may earn extra credits in a number of ways. Many require prior authorization from the school principal.

Summer School

Various local school districts offer summer school courses on a tuition basis. Original credit classes and review credit classes may be offered. See the school counselor for more information.

College Courses

Credit towards high school graduation may be given for approved courses taken at an accredited college, provided prior approval is obtained by the high school principal. Credit for the completion of a college course will be determined by the curriculum that is covered in the class. The tuition for approved courses is the responsibility of the student. Those credits awarded toward high school graduation will be recorded as transfer credits on the transcript. For further information, please see our list of pre-approved courses offered by the Maricopa Community College System on the counseling website or your school counselor.

Online Courses

Student may earn high school credit for the completion of an approved online course. A student requesting permission to take an online course should complete the following:

1. A formal meeting with his/her school counselor to discuss the appropriateness of taking an online course and the appropriateness of the specific course to be taken.
2. An official transcript from the online school indicating satisfactory completion of the course sent to the high school for evaluation and addition to the high school transcript.

Contact your school counselor for information.

Alternatives to Four-Year Enrollment

Students are expected to enroll in a full schedule of courses each year that they are in attendance, unless they have special permission to do otherwise.

In recognition of the fact that four-year enrollment in a public high school may not serve the best interests of some students, these alternatives are made available:

- Early College Admission Program
- Early Admission to an Approved Vocational, Technical, or other Postsecondary School
- Request for Early Graduation

For all alternatives, students must meet the graduation requirements in addition to submitting a written request to their principal along with a portfolio that contains:

- Completion of the Request for Early Graduation form and conference with counselor
- A résumé
- A written statement of career plans which includes how this option will enhance career plans
- A written request from parents or guardians stating their agreement with the student's request
- An academic package, which includes a transcript, test scores, and attendance records

See your school counselor for more details and forms.

General Information

Guidelines for Students Planning to Attend College or Technical School

This section includes general guidelines that may help students plan a high school program of studies to prepare for admission to postsecondary school. However, college admissions requirements, curriculum, and majors change from one year to the next; therefore, students are encouraged to make use of the more specific information on particular colleges available in the counseling center or on the college's web site.

Public Two-Year Colleges in Arizona

Arizona's public community colleges, such as Glendale Community College, have an open door admission policy. This means that students who are graduates of accredited Arizona high schools are admitted to at least a general program of studies. Most of these schools also require the students to take a placement test as part of the admissions process, usually in English and mathematics. Results of these placement tests may require students to enroll in developmental noncredit courses until they meet basic proficiency levels.

Technical Schools, Private Junior Colleges and Out-of-State 2-Year Colleges

Many of these institutions, especially the technical schools, have an open door admission policy, which means that a student with a GED or a diploma from an accredited Arizona high school will be admitted. However, these admission standards do vary, and it is best to contact the individual school directly or check its web site for specific requirements.

Other Colleges and Universities

Admission requirements vary greatly depending on the academic standing of the school and/or a student's intended major. The higher the admissions standards the more likely the school will have increased course requirements and would expect the student to take courses at the honors, DE, and/or AP level. The best way to plan a curriculum for these schools is to check current sources of information from the school's guidance office or from the college itself.

Arizona 4-Year Colleges and Universities

The high school coursework requirements below are the minimum standards for students seeking admission to the following academic institutions:

Arizona State University	Grand Canyon University	Prescott College
Arizona Christian University	Northern Arizona University	Southwest University of Visual Arts
Embry-Riddle Aeronautical University	Ottawa University	University of Arizona

Arizona Colleges and Universities Required Coursework	
Subject	Number of Course Credits
English	4
Mathematics (Algebra I, Geometry, Algebra 2, and Upper-Level Math Course)	4
Science	3
Social Studies	3
World Languages (Varies by school and major)	2 of same language
Fine Arts	1

Information about additional requirements for individual campuses and/or programs may be obtained directly from each of the institutions or by consulting resources available in the counseling center.

General Information

SAT II Subject Tests

Many colleges use the SAT II Subject Tests for admission, for course placement, and to advise students about course selection. Some colleges specify the SAT II Subject Tests they require for admission or placement; others allow applicants to choose which tests to take. All SAT II Subject Tests are one hour, multiple-choice tests. However, some of these tests have unique formats. The tests are designed to measure students' knowledge and skills in particular subject areas, as well as their ability to apply that knowledge. Students take the SAT II Subject Tests to demonstrate to colleges their mastery of specific subjects. The tests are independent of any particular textbook or method of instruction. **Students have found that they are more successful on the SAT II Subject Tests if they are taken after completion of the most closely related high school course.** Use the following information to assist you in knowing the optimal time to take the test if you may attend a college that requires a SAT II Subject Test.

Name of SAT II Test	Information	Related High School Course
English Literature	The Literature subject test measures how well you have learned to read and interpret literature. There is no reading list for this test. The best way to prepare for the test is through close critical reading of English and American literature to become skilled in understanding and analyzing literary text.	Best taken after having completed English 11.
U.S History	The United States History subject test assesses your knowledge of and ability to use material commonly taught in U.S. History and social studies courses in high school.	Best taken after having completed U.S. History in grade 11.
World History	The World History Subject Test uses the chronological designations B.C.E. (before Common Era) and C.E. (Common Era). These labels correspond to B.C. (before Christ and A.D. (anno Domini), which are used in some world history textbooks. Questions on the World History Subject Test may be presented as separate items or in sets based on quotes, maps, pictures, graphs or tables. Please note that this test reflects what is commonly taught in high school. Due to differences in high school classes, it's likely that most students will find questions on topics they're not familiar with. Many students do well despite not having studied every topic covered.	Best taken after having completed World History.
Mathematics Level 1	Mathematics Level 1 is a broad survey test intended for students who have taken three years of college preparatory mathematics, including two years of algebra and one year of geometry.	Best taken after having completed Algebra II or Trigonometry or Mathematical Analysis, Pre-Calculus.
Mathematics Level 2	Mathematics Level 2 is a broad survey test intended for students who have taken college preparatory mathematics for more than three years, including two years of algebra, one year of geometry, and pre-calculus and/or trigonometry. It is recommended that if the student has had these courses and attained grade of B or better and knows when and how to use a scientific or graphing calculator, he or she should select Mathematics Level 2.	Best taken after having completed Trigonometry or Mathematical Analysis, Pre-Calculus.

General Information

Name of SAT II Test	Information	Related High School Course
Biology	<p>This test contains a common core of 60 general knowledge multiple-choice questions, followed by 20 multiple-choice questions that emphasize either ecological (Biology E) or molecular (Biology M) subject matter. After completing the core questions, test takers choose the section for which they feel most prepared. Take Biology E if you are more comfortable answering questions pertaining to biological communities, populations and energy flow. Take Biology M if you are more comfortable answering questions pertaining to biochemistry, cellular structure and processes such as respiration and photosynthesis.</p>	<p>Best taken after having completed Biology or Anatomy and Physiology or Biology AP.</p>
Chemistry	<p>The chemistry test assesses the understanding of general chemistry at the college preparatory level. The one-hour test contains 85 multiple-choice questions with approximately five questions on equation balancing and/or predicting the product of a reaction interspersed throughout the test. Topics tested include: Structure of Matter, State of Matter, Reaction Types, Stoichiometry, Equilibrium and Reaction, Thermochemistry, and Laboratory Skills and Processes.</p>	<p>Best taken after having completed Chemistry.</p>
Physics	<p>The physics test assesses the understanding of physics at the college preparatory level. The one-hour test contains 75 multiple-choice questions with some problem solving using basic algebra. Calculator use is not permitted during the test. Topics tested include: Mechanics – Kinematics, Dynamics, Energy and Momentum, Circular Motion, Simple Harmonic Motion, and Gravity; Electricity and Magnetism – Electric Fields, Forces, and Potentials, Capacitance, Circuit Elements and DC Circuits, and Magnetism; Waves and Optics – General Wave Properties, Reflection and Refraction, Ray Optics, and Physical Optics; Heat and Thermodynamics – Thermal Properties and Laws of Thermodynamics; Modern Physics – Quantum Phenomena, Atomic, Nuclear and Particle Physics, and Relativity.</p>	<p>Best taken after having completed Physics.</p>

General Information

Name of SAT II Test	Information	Related High School Course
World Language Tests: French, German, Modern Hebrew, Italian, Japanese, Korean, Latin, Spanish, and Chinese	These tests are intended for students who have studied the language for at least two years in high school. Generally, the more years of study the student has, the better his or her language test score is likely to be. In considering whether to take a reading test or a listening test in the language, there is no difference in difficulty between the two tests. However, the tests with listening can provide a more complete picture of a student's skills. For this reason, colleges may prefer the listening test to the reading only test for placement purposes. Native speaker scores are grouped with those students who have had less exposure to the language. This means that even students with high grades in language courses may not score as high as native speakers. College admission staffs take this into account when they review scores.	Best taken after having completed Level III or IV of the language.

Information taken from College Board (www.collegeboard.com)

Fee Waivers

Participation in the Free and Reduced Meals Program qualifies students for:

- Financial Assistance for Dual Enrollment courses through Rio Salado College
<http://www.riosalado.edu/programs/dual/Pages/Tuition-Assistance.aspx>
- Reduced Registration for Advanced Placement Exams
- Free Registration for two SAT I and two SAT Subjects Tests
<http://sat.collegeboard.com/register/sat-fee-waivers>
- Free Registration for two ACT Tests
<http://www.actstudent.org/faq/answers/feewaiver.html>
- Four Free College Applications
<http://sat.collegeboard.com/register/sat-fee-waivers>
- Free Registration for the NCAA Eligibility Center for students considering Division I or Division II Athletics
http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.html

See the National School Lunch Program/School Breakfast Program Application for income eligibility guidelines. Applications can be mailed to the address on the back of the form or returned to school with your student.

See your school counselor to access any of the above resources

PHHS Course Descriptions

Paradise Honors High School offers a rigorous curriculum to enhance student learning and prepare our students for life after school. This Catalog of Approved High School Courses Guide lists courses offered at PHHS along with potential courses that may be offered (determined by student interest) for the upcoming 2019-2020 school year. All courses are .5 credit and require that students pass semester 1 and semester 2 in order to fulfill 1 credit graduation requirements.

The following pages list the courses that are offered at Paradise Honors High School.

Weighted Course = ◊ NCAA Approved Course = ★

Career Technical Education (CTE)

Career and Technology Education (CTE) offers an opportunity to explore career pathways while still in high school. Students may also take CTE courses as elective courses within their four-year high school plan. The CTE program provides coursework that focuses on career exploration and development of the skills needed for success in postsecondary and workplace experiences.

9101

Business Management I

1 Credit

Grades 9, 10, 11, 12

This course teaches the strategies, skills, and computer applications used to promote success within business organizations. It is an excellent choice for students pursuing an immediate position in the workforce or post-secondary education. The course will include the following sections: advanced computer applications; applying problem solving skills and solutions in a business and management environment; and opportunities for students to participate in leadership activities such as those supported by Career and Technical Student Organizations.

9104

Marketing I

1 Credit

Grades 9, 10, 11, 12

This course is for students who have an interest in learning about the fields of business, sales, marketing, merchandising, and management occupations. Students will be introduced to the fundamentals of marketing, including selling, promotion, pricing, distribution, and marketing information management. Students will experience many different parts of the marketing process including advertising, sales, display, human relations, management, and communication.

9107

Media Technology Foundations

1 Credit

Grades 9, 10, 11, 12

Media Technologies Fundamentals is a one-credit high school course that offers classroom instruction in a variety of basic media technologies. The software that we are going to cover during this course will consist of Adobe Photoshop and Illustrator as well as learning about digital photography, communication, and intellectual property rights. This course is a jump start into an additional two year program as yet to be determined.

9120

Computer Science I

1 Credit

Grades: 10, 11, 12

Prerequisite – Completion of Geometry

This course is designed as an introduction to a range of topics in computer science. Through a series of engaging, hands-on projects, students will begin their study of web design and computer programming. The application and limits of computing will be explored through current topics in computing that are also relevant to high school students. An emphasis will be placed on developing problem-solving and computational thinking skills.

9130

Digital Photography I

1 Credit

Grades 9, 10, 11, 12

Students who have taken some type of introductory art course or graphic arts course in middle school or high school will be most successful in this course. It is expected that photography be created both in and out of class for the greater possibility of both creative and original works. Therefore it is **required** that the student has his/her own DSLR camera. Study of the art of photography will be approached through the following topics: technical camera operation, composition and design, lighting, photo criticism, visual culture, workflow, photo management, image editing, history of photography. Students will also explore some alternative processes for developing images.

Lab fee - \$50

Electives

9200

Human Growth and Development **1 Credit**

Grades 11, 12

We are who we are because we develop. From the time of our conception to our last breath, we are developing - physically growing and changing, cognitively maturing, and socially interacting. In this course, major issues in development are discussed: whether nature or nurture is more important to development; whether we develop in stages or in a continuous process; whether our personalities stay the same or change as we grow. Students will learn development using both a chronological and thematic approach. Additionally, this course teaches parenting and caregiving roles in relation to the developing child as we are guiding them in the learning process in a hands-on approach to education. It focuses on the major theories of child development and learning. Practical experience is gained by observation of and interaction with young children. Students will be required to write and implement a lesson plan geared for preschool and elementary level children. This class is a basic foundation course for any student wanting to pursue a career in education or working with children.

9201

Independent Research I **1 Credit**

Grades 11, 12

This course is designed to introduce student to the foundations of research and design. Modeled after Google's "20% time," and developed with a focus on inquiry-based learning, Independent Research allows the self-motivated, independent student to explore a topic of personal interest under the close supervision of an instructor. This uniquely-challenging course may include research foundations, directed readings, applied interdisciplinary work, carrying out an independent research project, integration of research into real-world application, or other activities deemed appropriate.

9203

Public Speaking and Debate **1 Credit**

Grades 10, 11, 12

The Public Speaking and Debate curriculum is designed to develop confidence and effectiveness in group interactions through the study of communication, technique in voice and movement, and experience in a variety of public speaking settings. Students will learn the techniques appropriate to varied types of speaking including expository, instructional, and persuasive speeches, interpersonal communication, debate, interviewing, and broadcasting. Through the study of historically significant speakers, students will examine and implement the elements of effective public speaking. Students will also develop skills in researching and supporting ideas presented when speaking and debating. The focus of the course is to promote relevant skills that promote success in the real world.

9204

Sports Medicine **1 Credit**

Grades 10, 11, 12

The Introduction to Sports Medicine and Sports Nutrition course is designed for students who are interested in fields such as athletic training, physical therapy, medicine, nursing, fitness, physiology of exercise, kinesiology, nutrition, EMT, and other sports medicine related fields. It is offered as a classroom and lab course to provide students with an avenue through which to explore these fields of study. Students will receive certification in CPR/AED training. This course focuses on the basic information and skills important in the recognition of, care, prevention, and preliminary rehabilitation of athletic injuries. Students will also learn the role that nutrition plays in athletic performance and injury prevention.

Lab Fee - \$20

9009

Front Office Assistant

0 Credit

Grade 12

Under the direction of administration and administrative assistants, students will gain experience working in the front office. Students will collect and distribute materials, assist front office staff, process materials, perform clerical duties, and other duties as assigned.

9010

Student Services Office Assistant

0 Credit

Grade 12

Under the direction of the Counseling Department, students will gain experience working in a high school counseling office. Students will collect and distribute materials, assist students, locate career and college information, process materials, perform clerical duties, and other duties as assigned.

9011

Teacher Assistant

0 Credit

Grade 12

Working under the direction of the teacher, student assistants help distribute, collect, and store the materials of instruction; type and duplicate materials designed by the teacher; provide routine assistance to students during the administration of exercises and tests; and provide occasional tutorial assistance to students under the guidance of the teacher. Students do not have access to student grades or personal data (i.e., may not support in grading of assignments, entering grades in the grade book, etc.).

English

The high school English program is designed to fulfill the Arizona State Department of Education's requirement that each student earns four credits in English. All students must earn one credit each in grades 9, 10, 11, and 12.

1001

Freshman English ★

1 Credit

Grade 9

The focus of this class is to emphasize a variety of reading and writing skills that students will need to be successful in both high school and college courses. Students will be reading a variety of modern novels, as well as literary classics, along with a mix of fiction and nonfiction material. The course will also review grammatical structures, essay writing, and other forms of writing to help students be successful.

100M

Freshman English Honors ◇ ★

1 Credit

Grade 9

Prerequisite- Successful completion of writing sample and teacher recommendation

The focus of the English 9 Honors class is to integrate advanced reading and writing skills that focus heavily on literature, composition, grammar and usage. In the honors sections, students will go into great analytical depth through the selected reading materials and the accompanying writing. Students will read a combination of modern novels, literary classics, and a mix of fiction and nonfiction. The course will also teach essay writing and other forms of complex writing.

1101

Sophomore English ★

1 Credit

Grade 10

Prerequisite- Freshman English

Building on the skills learned in Freshman English, students will continue to develop reading and writing skills through reading fiction and nonfiction, modern works and literary classics. The course will include higher level writing skills where students work on paragraph development, grammatical structures and vocabulary. Students will be required to work in both small and large group settings and learn research techniques.

110M

Sophomore English Honors ◇ ★

1 Credit

Grade 10

Prerequisite- Completion of Freshman English Honors or Freshman English with a grade of a B or better and teacher recommendation

Students will learn to use their reading and writing skills through in-depth analysis and inquiry of fiction and nonfiction that include modern works and literary classics that challenge the students to read fluently and consistently use critical reading and writing skills. Grammar and vocabulary will continue to be integrated within the units of study. Students will further learn to work in cooperative groups and take part in analytical discussions testing higher level thinking skills. Furthermore, there will be an emphasis on research and the integration of research into student writing.

111M**Sophomore English Pre-AP ◊ ★****1 Credit****Grade 10*****Prerequisite - Completion of Freshman English Honors with a grade of a B or better and teacher recommendation***

The primary purpose of this Pre-AP Course is to assist students in becoming skilled readers of texts written in a variety of genres, periods and rhetorical contexts. Students will become writers who compose for a variety of purposes, and also grow as thinkers who consume information critically. In examining a wide variety of texts, students will develop an understanding of the interactions among each writer's purpose(s), audience's expectation(s), and subject matter's intricacies as well as the way grammar, punctuation and the nuances of language contribute to writing effectiveness.

1201**Junior English ★****1 Credit****Grade 11*****Prerequisite- Sophomore English***

This class focuses on reading a variety of genres within American Literature. Students will study literary terms and demonstrate knowledge of the impact of works from the broad spectrum of American Literature. Students will work in groups to discuss the literary works, produce essays analyzing the literature, and learn higher-order thinking skills including the integration of research in writing.

120M**Junior English Honors ◊ ★****1 Credit****Grade 11*****Prerequisite- Completion of Sophomore English Pre-AP, Sophomore English Honors, or Sophomore English with a B or better and teacher recommendation***

The course is devoted to studying American literature from the colonial period to the late twentieth century. Because much of the early literature is nonfiction (diaries, letters, sermons, almanacs, speeches, and foundational documents), there are many opportunities to analyze historical and informational texts. Throughout the year, students have opportunities to make connections with history, art, and other subjects. Essays range from the analytical to the creative: students might write a narrative essay in the style of Thoreau's *Walden* or compare the treatment of a given theme in works from different genres. Students build on their writing skills from previous years, integrating multiple sources and perspectives into their work, reading literary criticism, and writing longer and more complex essays.

124M**AP Junior English (AP Language & Composition) ◊ ★****1 Credit****Grade 11*****Prerequisite- Completion of Sophomore English Pre-AP or Sophomore English Honors with a grade of a B or better and teacher recommendation***

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing and the rhetorical analysis of nonfiction texts. The AP English Language and Composition course aligns to introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

1301

Senior English ★

1 Credit

Grade 12

Prerequisite- Junior English

This course is designed to engage students by allowing them to carefully read and interpret various genres and periods of literature. Through the close reading and analysis of selected texts, students will deepen their understanding of the ways authors use language, structure, style and theme to convey the meaning and purpose of their work. Students will continue to develop vocabulary, note taking and research skills both in and out of the classroom. An emphasis is placed on writing in preparation as students go on to post-secondary education or the workforce.

130M

Senior English Honors ◊ ★

1 Credit

Grade 12

Prerequisite- Completion of Junior English or Junior English Honors with a B or better and teacher recommendation

This course is designed to engage students at a college preparation level. Students will independently and critically read, interpret, discuss, and debate various genres and periods of literature. Through the close reading and analysis of selected complex texts, students will deepen their understanding of the ways authors use language, structure, style and theme to convey the meaning and purpose of their work. Students will continue to develop vocabulary, note taking and research skills both in and out of the classroom. An emphasis is placed on collegiate academic research and career-aligned writing in preparation as students go on to post-secondary education and the workforce.

134M

Senior English AP (AP Literature & Composition) ◊ ★

1 Credit

Grade 12

Prerequisite- Completion of Junior English AP or Junior English Honors with a grade of a B or better and teacher recommendation

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

1530

Creative Writing I

1 Credit

Grades 9, 10, 11, 12

Creative writing is designed to aid students in their creative expression, as well as delivery of one's writing. Students will read and discuss articles on the craft of writing. The first semester will focus on fiction. Students will read and evaluate the effectiveness of fiction of varying styles. They will write and workshop short stories to complete a final portfolio. The second semester will focus on poetry. Students will learn poetic vocabulary and read interpret poems of varying styles. Students will write and workshop each other's poetry to complete a final portfolio at the end of the quarter. Students will be expected to deliver their writing to an audience.

1532

Play and Screenwriting

1 Credit

Grades 9, 10, 11, 12

Students will develop the craft of script writing for both stage and screen by reading and analyzing significant play and movie scripts; then, they will learn how to write scripts for both plays and film. Students will learn about the art and technique of play production and film-making through informational texts. Projects will include writing and performing monologues, creating story boards, writing one-act and full length scripts for plays and film/television based on original concepts and existing literature, and producing short films based on original work. Performance will be a component of this class.

1533

Plays at Literature

1 Credit

Grades 9, 10, 11, 12

Students will develop reading, writing, and speaking skills through the analysis stage plays as literature. Students will read and perform select texts from classic theatrical works and create original works of their own. Students will develop an appreciation for the power of theater as a mode of communication and practice making meaning for an audience using theater as the device. Coursework will include reading and analyzing culturally significant plays; writing a play script based on a modern work of literature; developing meaningful characters through reading, writing, and performing monologues; influencing an audience through well-developed characters and powerful settings; building suspense using carefully constructed plot; and making social arguments using theater to develop a theme. Performance will be a component of this class.

Fine Arts

The Fine Arts programs are designed to develop creative problem solving skills, promote aesthetic sensitivity, and provide an opportunity for students to experience intellectual, physical, emotional, and social growth. Through exploring abstract concepts, students demonstrate critical thinking skills and core values as well as develop personal integrity. All courses foster positive student interactions and an appreciation for diverse points of view, while establishing strong human bonds which transcend racial, ethnic and socioeconomic barriers. All Fine Arts courses satisfy the Fine Arts graduation requirement.

6000

Art I

1 Credit

Grades 9, 10, 11, 12

The emphasis in Art 1 is to build a solid foundation and understanding of the visual arts. Throughout the year, we will explore the Elements of Art and the Principles of Design. Students will experiment with various art forms and disciplines including but not limited to: drawing, painting, sculpture, crafts, art history, and art criticism. Studio projects will entail objective observation and non-objective analysis of still life, landscape, abstract, and/or figurative subjects; exploration of a variety of artistic media; and the development of critical vocabulary of artistic concepts. Lectures, group critiques, demonstrations, and written assignments augment the studio portion of the class. Students interested in art, but have no background, are encouraged to take this course to see what they can achieve.

Class fee -\$35 for year

6001

Art II

1 Credit

Grades 10, 11, 12

Prerequisite- Art I or teacher recommendation

The emphasis in Art II is to continue exploring the visual arts. Students will utilize the Elements of Art and the Principles of Design in new ways and really explore their creativity with more freedom and flexibility compared to Art I.

Students will experiment with various art forms and disciplines including but not limited to: drawing, painting, sculpture, crafts, art history, and art criticism. Studio projects will entail objective observation and non-objective analysis of still life, landscape, abstract, and/or figurative subjects. The exploration of a variety of artistic media; and the development of critical vocabulary of artistic concepts will be expanded upon. Lectures, group critiques, demonstrations, and written assignments augment the studio portion of the class. Students interested in gaining a more rich understanding of a variety of art forms/styles should take this class.

Class fee \$50 for year

6002

Art III

1 Credit

Grades 11, 12

Prerequisite- Completion of Art I and Art II and teacher recommendation

The emphasis in Art III is to push the boundaries of the fundamentals of Art I and Art II and begin building a portfolio of work to prepare the students for AP Studio Art, college applications and/or job interviews. Students will be pushed to focus on a theme while simultaneously creating work that show skillful technique and various media usage. Lectures, group critiques, demonstrations, and written assignments augment the studio portion of the class. Students interested in building their art portfolio and seeking guidance for pursuing the arts should take this class.

Class fee \$50 for year

6004

Digital Communications I

1 Credit

Grades 10, 11, 12

This course will introduce the design principles used in Graphic Design and Digital Communication fields. Students will learn about the basic elements and principles of art and design through the use of photography and the Adobe Creative Suite including Illustrator and Photoshop. Students will study color management, basic digital camera work, photographic compositional elements and elements of design including line, color, shape, texture and size as well as basic terminology, file naming conventions, storage and transfer of digital media and basic image manipulation. Students will learn many aspects of digital art including history and aesthetics as well as look critically at digital art and how it relates to and impacts the world. 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. Digital Communication I students will have the opportunity to develop the yearbook publication and have the potential to take on leadership roles in the production of the schools yearbook.

Class fee \$50 for year

6005

Digital Communications II

1 Credit

Grades 11, 12

Prerequisite- Completion of Digital Communications I and teacher recommendation

This course will continue with the design principles gained in Digital Communications I. Students will continue their practices and understanding of the principles of art and design through the use of photography and the Adobe Creative Suite including Illustrator and Photoshop. Students will continue to study color management, digital camera work, photographic compositional elements and elements of design including line, color, shape, texture and size as well as basic terminology, file naming conventions, storage and transfer of digital media and more detailed image manipulation. Students will develop their own aesthetics in digital media, continuing to expand their knowledge of the aspects of digital art including history as well as looking critically at digital art and how it relates to and impacts the world. 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. Digital Communications II students will be required to take on leadership roles in the production of the schools yearbook publication.

Class fee \$50 for year

602M

AP Studio Art – 2D Design ◊

1 Credit

Grades 10, 11, 12

Prerequisite- Teacher recommendation

Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time of content, technique, and process. Students will expand their two-dimensional design skills and advance their visual communication skills by exploring a variety of design processes and techniques, and compositional and aesthetic concepts. Students will develop mastery in concept, composition, and execution. Students will address three components in their portfolios: Quality, Concentration, and Breadth. Students will submit this body of work to the College Board for grading and possible college credit.

Class Fee \$50 for the year

603M**AP Studio Art – 3D Design ◊****1 Credit****Grades 10, 11, 12*****Prerequisite- Teacher recommendation***

Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time of content, technique, and process. Students will expand their three-dimensional design skills and advance their visual communication skills by exploring a variety of design processes and techniques, and compositional and aesthetic concepts. Students will develop mastery in concept, composition, and execution. Students will address three components in their portfolios: Quality, Concentration, and Breadth. Students will submit this body of work to the College Board for grading and possible college credit.

Class Fee \$50 for the year**604M****AP Studio Art – Drawing ◊****1 Credit****Grades 10, 11, 12*****Prerequisite- Teacher recommendation***

Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time of content, technique, and process. Students will expand their drawing and two-dimensional design skills and advance their visual communication skills by exploring a variety of design processes and techniques, and compositional and aesthetic concepts. Students will develop mastery in concept, composition, and execution. Students will address three components in their portfolios: Quality, Concentration, and Breadth. Students will submit this body of work to the College Board for grading and possible college credit.

Class Fee \$50 for the year**6009****Painting I****1 Credit****Grades 9, 10, 11, 12**

This course is appropriate for those students who have successfully completed Intro to Art. This course provides the foundation of painting, its application and materials. It focuses on the color theory and the processes of wet-into-wet, dry-brush paint application, masking, and different types of paint such as watercolor, acrylic, tempura, etc. Working from direct observation, students develop an understanding of composition and paint manipulation. A sketchbook is required on a weekly basis. Solid drawing skills are recommended for success in this course.

Lab fee - \$50**6200****Concert Band I****1 Credit****Grades 9, 10, 11, 12*****Prerequisite- Audition and/or director approval. Limits placed on the number of percussionists.***

Students should have prior experience playing a concert band instrument. Rehearsals prepare students for public performances. Students use elements of music and performance techniques to articulate notation. Ensemble situation encourages students to work together to enrich a positive environment through musical creation. Instruments used include regular symphonic band instrumentation: flute, oboe, clarinet, alto saxophone, tenor saxophone, trumpet, French horn, trombone, baritone, tuba and concert percussion, etc... Concert Band Solos, Duets and Trios will be considered. Percussionists will audition no matter what their prior experience, since there are limited positions. Students perform band literature representing a variety of styles and historical periods in concerts and some athletic events. Emphasis is on both individual and ensemble skill development. The course will take place during the school day, but after-school activities and rehearsals are integral to the course; grades may reflect such participation. The number of required non-school hour performances and practices during a school year may not exceed 40 hours.

6201

Concert Band II

1 Credit

Grades 10, 11, 12

Prerequisite- Audition and/or director approval. Limits placed on the number of percussionists.

Students should have prior experience playing a concert band instrument. Rehearsals prepare students for public performances. Students use elements of music and performance techniques to articulate notation. Ensemble situation encourages students to work together to enrich a positive environment through musical creation. Instruments used include regular symphonic band instrumentation: flute, oboe, clarinet, alto saxophone, tenor saxophone, trumpet, French horn, trombone, baritone, tuba and concert percussion, etc... Concert Band Solos, Duets and Trios will be considered. Percussionists will audition no matter what their prior experience, since there are limited positions. Students perform band literature representing a variety of styles and historical periods in concerts and some athletic events. Emphasis is on both individual and ensemble skill development. The course will take place during the school day, but after-school activities and rehearsals are integral to the course; grades may reflect such participation. The number of required non-school hour performances and practices during a school year may not exceed 40 hours.

6500

Chorus I

1 Credit

Grades 9, 10, 11, 12

This is an entry-level choir for both male and female students interested in vocal music performance. It is also an outlet for the student who enjoys singing for his/her own pleasure. The following musical skills for ensemble singing will be stressed: proper breathing, pleasant vocal production, blend and balance, expansion of range, good intonation, ear training, and sight-reading. Various styles of choral literature will be explored. Participation in performances is an expectation of the class, which is part of the course grade. These activities are integral elements that support and extend learning in the classroom.

6501

Chorus II

1 Credit

Grades 10, 11, 12

Prerequisite- Chorus I

Students will sing new literature for each semester. Repertoire will be varied but thematic and provide a variety of styles, languages, and genres to the singers. Fundamental and intermediate music skills such as sight singing and small group singing will be an integral part of classroom rehearsals.

6502

Chorus III

1 Credit

Grades 11, 12

Prerequisite- Chorus II

Students will sing new literature for each semester. Repertoire will be varied but thematic and provide a variety of styles, languages, and genres to the singers. Intermediate and advanced music skills such as sight singing and small group singing will be an integral part of classroom rehearsals.

6505

Concert Choir I

1 Credit

Grades 9, 10, 11, 12

Prerequisite- Teacher recommendation based on audition

This course will focus on performance singing in three and four part harmony, note reading, independent musicianship, and evaluating choices in music repertoire. Students will have the opportunity to sing at the NAU Jazz /Madrigal Festival and Regional and State Festivals throughout the year. ***Travel fees TBD.***

6506

Concert Choir II

1 Credit

Grades 10, 11, 12

Prerequisite- Teacher recommendation based on audition

This course will focus on performance singing in three and four part harmony, note reading, independent musicianship, and evaluating choices in music repertoire. Students will have the opportunity to sing at the NAU Jazz /Madrigal Festival and Regional and State Festivals throughout the year. Ensemble leadership and independent musicianship will also be a focus. *Travel fees TBD.*

6507

Concert Choir III

1 Credit

Grades 11, 12

Prerequisite- Teacher recommendation based on audition

This course will focus on performance singing in three and four part harmony, note reading, independent musicianship and evaluating choices in music repertoire. Students will have the opportunity to sing at the NAU Jazz /Madrigal Festival and Regional and State Festivals throughout the year. Ensemble leadership, student conducting skills and independent musicianship will also be a focus. *Travel fees TBD.*

6602

Music Technology I

1 Credit

Grades 9, 10, 11, 12

Students will explore composition techniques, foundational music concepts and music performance by applying them using notation and digital tools in order to create, perform, respond and connect to various genres of music. Students will also develop multimedia presentations to describe and accompany their original music compositions, and learn innovative ways to present their music in a classroom or concert setting. All students interested in music technology may participate.

6404

Piano I

1 Credit

Grades 9, 10, 11, 12

This course is designed to teach students the fundamentals of playing the piano by learning proper playing techniques and mastering music theory skills. Students will have the opportunity to perform piano pieces for the class and also gain an understanding of melodic and chordal structure, rhythmic patterns and use of expression in music by focusing on music history, key composers and basic music concepts.

6405

Piano II

1 Credit

Grades 10, 11, 12

Prerequisite- Piano I

This course is designed to teach students intermediate to advanced concepts of playing the piano by learning proper playing techniques, chord structure and mastering advanced music theory skills. Students will have the opportunity to perform piano pieces for the class and also gain an understanding of major and minor modes, song selection and use of expression and articulation in music by focusing on piano performance and composing short songs.

6406

Piano III

1 Credit

Grades 11, 12

Prerequisite- Piano II

This course is designed to teach students advanced concepts of playing the piano by learning proper playing techniques, chord structure and mastering advanced music theory skills. Students will have the opportunity to perform piano pieces for the class and also gain an understanding of major and minor modes music analysis, song selection and use of expression and articulation in music by focusing on piano performance and creating piano compositions.

6700

Theatre Arts I

1 Credit

Grades 9, 10, 11, 12

This is a general exploration course that develops a better understanding of the elements of theatre, writing a play, and creating a production. Students will develop an understanding of the various roles of theatre artists and gain a greater appreciation through collaboration and practical application for creating theatre. Acting is developed to instill basic techniques of acting, including character analysis, character history and an in-depth understanding of the relationship between the voice, body, and character.

6701

Theatre Arts II

1 Credit

Grades 10, 11, 12

Prerequisite – Theatre Arts I or teacher recommendation

This year-long, intermediate-level class uses improvisation, creative dramatics and scene work to help students challenge and strengthen their acting skills for monologues and ensemble performance. Content expands experience with technical theatre such as costumes, props, lighting, and sound design. Course engages students in selecting and developing one-acts or complex scenes. Students learn the art of stage managing, directing and playwriting.

6702

Theatre Arts III

1 Credit

Grades 11, 12

Prerequisite – Theatre Arts II or teacher recommendation

Advanced workshop course designed for students with significant experience in theatre. Course uses teacher-assigned and self-directed study and performance to build a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of problem-solving skills. Students analyze increasingly more sophisticated theatre literature/texts including a variety of themes and cultural backgrounds.

Mathematics

The need for all students to study mathematics is becoming more evident as society becomes increasingly technology dependent. Communication, connections, reasoning, problem solving, and technology are major strands addressed in all mathematics courses. Courses in mathematics are worthwhile not only for students who plan to continue their education in college, but also for those students who plan to enter the work force immediately upon completion of high school.

3001

Algebra I ★

1 Credit

Grade 9

The Algebra I course is focused on the application of modeling to real-world problems, while developing the foundations necessary to access all higher mathematics. Content will focus on functions, linear equations, systems of equations, quadratic functions, polynomials, rational expressions & radicals, rational functions, probability & counting, and data analysis & statistics. The course will present mathematics through contemporary applications and practice to develop higher-order thinking skills. Students will be asked to propose ideas, explain solutions and revise assumptions and conclusions.

300M

Algebra I Honors ◊ ★

1 Credit

Grade 9

Prerequisite- Student must pass prior year benchmark test or placement exam and teacher recommendation

The Algebra I Honors course is focused on the application of modeling to real-world problems, while developing the foundations necessary to access all higher mathematics. The class will maintain rigorous pace and depth. Content will focus on functions, linear equations, systems of equations, quadratic functions, polynomials, rational expressions & radicals, rational functions, probability & counting, and data analysis & statistics. The course will present mathematics through contemporary applications and practice to develop higher-order thinking skills. Students will be asked to propose ideas, explain solutions and revise assumptions and conclusions.

3101

Geometry ★

1 Credit

Grades 9, 10

Prerequisite- Algebra I

Combining elements from algebra and geometry, this course includes topics such as deductive logic and proofs, the study of sets of geometric solids (such as cones, cylinders, pyramids, and spheres) and other approaches to prove and apply theorems.

310M

Geometry Honors ◊ ★

1 Credit

Grades 9, 10

Prerequisite- Algebra I Honors or Algebra I and teacher recommendation

This course will combine advanced elements from algebra and geometry, including deductive logic and proofs, the study of sets of geometric solids (such as cones, cylinders, pyramids, and spheres) and other approaches to prove and apply theorems. This course will explore theorems and approaches to the theorems in-depth and at an accelerated pace.

3201**Algebra II ★****1 Credit****Grades 10, 11*****Prerequisite- Algebra I and Geometry***

After demonstrating skills in Algebra I, students will have the opportunity to study more advanced algebraic concepts in this course. Algebra II will include concepts such as complex numbers, graphing points in space, exponential functions, and linear equations. Additionally, students who take this course will study trigonometric applications and will utilize all aspects of algebra and geometry in the solving of real world problems that will prepare for future courses in physics and/or calculus.

320M**Algebra II Honors ♦ ★****1 Credit****Grades 10, 11*****Prerequisite- Algebra I or Algebra I Honors and Geometry Honors or Geometry and teacher recommendation***

This honors course is designed to build on algebraic concepts in a rigorous fashion. Complex numbers, graphing points in space, exponential functions, and linear equations will be included along with permutations, binomial expansions, and other theories and skills of advanced algebra. Additionally, students who take this course will study trigonometric applications and will utilize all aspects of algebra and geometry in the solving of real world problems that will prepare for future courses in physics and/or calculus.

3503**Applied Mathematics ★****1 Credit****Grade 12*****Prerequisite- Algebra II***

This is an applied mathematics course where students study the practical application of mathematics using problem-solving strategies and algebra skills as related to business and consumer situations. Students complete regressions and employ properties of functions (linear, polynomial, rational, exponential, recursive, piecewise and trigonometric) to make business decisions as well as solving linear and nonlinear systems to optimize solutions. Students will utilize technology such as spreadsheets, graphing utilities, and modeling software to collect, organize and interpret data.

3502**Statistics ★****1 Credit****Grade 12*****Prerequisite- Algebra II or Algebra II Honors***

This problem-based Statistics course engages students in design thinking, research, and collaborative problem solving as tools to investigate mathematical problems in their world. Students will learn how to use sampling techniques, probabilities, experimental design, hypothesis testing and summary statistics to predict, limit and describe outcomes and scenarios from their probable future careers.

344M**AP Calculus AB ♦ ★****1 Credit****Grades 11, 12*****Prerequisite- Completion of Algebra II Honors with a grade of a B or better and teacher recommendation***

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. Students learn how to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and how to make connections amongst these representations. Students will use technology to help solve problems, experiment, interpret results, and support conclusions.

345M

AP Calculus BC ◊ ★

1 Credit

Grade 12

Prerequisite- Completion of AP Calculus AB with a grade of a B or better and teacher recommendation

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results and support conclusions.

Physical Education

Physical Education courses help students develop skills, knowledge, and attitudes for healthy, physically active, and productive lives. Physical Education provides students with opportunities to participate in activities that help them pursue physically active lifestyles while understanding that activity provides enjoyment, challenge, self-expression, and social interaction.

7000

Physical Education

1 Credit

Grade 9

This course represents an orientation to physical education, physical fitness and health. It is an introduction to basic skills and movement by participation and instruction in the following activities: team and individual sports, dance, and physical fitness. Students will be encouraged to strive for lifetime personal fitness and optimal levels of health. This course will equally require both physical and classroom participation.

7031

Lifetime Wellness

1 Credit

Grades 10, 11, 12

This course is designed to give a broad overview of the primary aspects of maintaining and developing optimal health practices. Students will explore personal and social wellness attitudes in combination with individual and global health behaviors. The units covered in this class are: Time Management Strategies, Stress and Mental Health, Components of Wellness, Intro to Nutrition, Wellness Resources and the Media, Micronutrients, Fitness through the Lifecycle, and Healthy Eating.

7030

Sport for Life

1 Credit

Grades 10, 11, 12

This course will provide students with the knowledge, confidence, and skills to enjoy participation in team, dual, individual, and lifetime activities. Students will learn through quality participation and social interaction. Instruction is provided to students at all levels of skill. Students may take this course more than once.

7200

Weight Training I

1 Credit

Grades 10, 11, 12

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

7201

Weight Training II

1 Credit

Grades 11, 12

Prerequisite- Weight Training I

An extension of Weight Training I, this course will continue to build upon core weight training concepts and techniques used to maximize physical fitness. As students extend upon the basic fundamentals of weight training, various principles of Cross-Fit will also be introduced, including the domains of endurance, stamina, strength, flexibility, agility, balance and speed. Throughout a combination of both lecture and activity sessions, students will learn powerful decision-making and goal-setting techniques in order to meet personal challenges and to develop positive health behaviors affecting overall fitness and wellness.

7202

Weight Training III

1 Credit

Grades 11, 12

Prerequisite- Weight Training II

This course is designed for the competitive athlete. Students will be challenged in the rigorous aspects of strength and advanced conditioning. Physiology of exercise and kinesiology will be introduced, as well as fundamental conditioning and plyometric activities.

Science

The high school science program is designed to integrate the practices of science and engineering with core concepts within the major disciplines of science. The crosscutting, or big ideas, of science are regularly emphasized so that students have the opportunity to construct a deep understanding of the interconnectedness of science. The primary goal within the science program is science literacy among all students. However, numerous and varied opportunities are available to students who wish to study science at deeper levels. The learning environment within science promotes logical thinking, honesty, and curiosity. Disciplinary literacy is emphasized throughout the program.

4101

Biology ★

1 Credit

Grade 9, 10

This course serves as a rigorous introduction to world of life sciences. Students will be exposed to both microscopic and macroscopic concepts that span multiple disciplines including: cellular biology, ecology, genetics, developmental biology, biochemistry and many others. Students will use analytical, critical thinking and problem solving skills to conduct labs both physical and theoretical. Biology will emphasize interconnectedness between concepts and students will be expected to apply concepts to their own lives.

Lab fee - \$20 for year

410M

Biology Honors ◊ ★

1 Credit

Grade 9, 10

Prerequisite- Earn a B or better in all previous science classes and teacher recommendation

The honors biology option is a version of the standard biology course which offers students a more rigorous elaboration of the fundamental material. Honors biology students will be expected to produce work of a higher quality and will have many differentiated assignments. At the conclusion of each semester, students will turn in a project based on personal research. The focus of this curriculum is to foster critical thinking and application of ideas beyond the immediate concept; moreover students have the privilege of having more challenging assessments and different grading criteria on most assignments.

Lab fee - \$20 for year

4201

Chemistry ★

1 Credit

Grade 10, 11

Prerequisite- Biology

This survey course explores the fundamentals of inorganic general chemistry. Emphasis is placed on essential concepts and basic problem solving techniques. Basic principles include structure, bonding, reactions, and molecular conversions. Students will use the scientific method when performing laboratory experiments related to the essential concepts of chemistry.

Lab fee - \$20 for year

420M

Chemistry Honors ◊ ★

1 Credit

Grades 10, 11, 12

Prerequisite- Biology with teacher recommendation

This course will provide a detailed study of the principles of chemistry in addition to stoichiometry, equilibrium, kinetic molecular theory, and gas laws. Emphasis will be placed on higher level problem solving techniques and the integration of quantitative analysis. Students will incorporate inquiry based techniques with the scientific method when exploring these detailed concepts in the laboratory. Students considering science and engineering careers are highly encouraged to enroll for this course. Strong math skills are recommended.

Lab fee - \$20 for year

4301

Anatomy & Physiology ★

1 Credit

Grades 11, 12

Prerequisite- Biology

This course will include a year-long program of intense human anatomy and physiology studies. The areas covered will include: medical terminology, basic chemistry, cell and tissue structure, and the 11 systems of the human body (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary and reproductive).

Lab fee -\$20 for year

4400

Environmental Science ★

1 Credit

Grades 11, 12

Prerequisite- Completion of Biology

This elective course builds on the foundations of Biology. It is designed for students to experience the interdisciplinary nature of environmental science. Students will engage in the practices of science and engineering to construct their understanding of the interdependence of organisms, populations, and natural resources; renewable and nonrenewable energy resources; and human's impact on the environment. Students will participate in frequent descriptive and field investigations, service projects, and research related to environmental law. They will also have the opportunity to explore environmental careers. Completion of Biology and Earth Science are recommended.

Lab fee -\$20 for year

4401

Forensic Science ★

1 Credit

Grades 11, 12

Prerequisite - Chemistry or concurrent enrollment in Chemistry and teacher recommendation

This course focuses on developing analytical problem solving skills with emphasis placed on the principles and procedures that aid law enforcement in crime scene investigations. Students will implement tools and techniques used to collect, identify, analyze and interpret data from crime scene evidence. Laboratory exercises include fingerprinting, handwriting and document analysis, ballistics, blood spatter analysis, hair and fiber examination, DNA analysis and more.

Lab fee -\$20 for year

414M

Genetics Honors ◇

1 Credit

Grades 11, 12

Prerequisite - Completion of Biology and concurrent enrollment in or completion of Chemistry

Honors Genetics is an upper level lab science course designed to explore the massive impact chemistry has on the outcomes of genetics. Students will investigate how genetic chemical changes caused by mutation, environment, and science may influence human genetics. Topics include chromosomal abnormalities, hereditary diseases, genetic engineering, and more. Laboratory experiments are designed for the application of biotechnology used in the field today.

Lab fee -\$20 for year

450M

Physics Honors ◊ ★

1 Credit

Grades 11, 12

Prerequisite- Concurrent enrollment or completion of Algebra II or Algebra II Honors

Laws of motion, electricity, sound, light, and magnetism will be studied in this advanced science course. Mathematical equations will be used throughout the course and laboratory experiments will be performed. An exploration of concepts such as thermodynamics, nuclear physics, vectors and trigonometry will be included in this course.

Lab fee -\$20 for year

4130

Zoology ★ (Anticipated for 2019-2020)

1 Credit

Grades 11, 12

Prerequisite - Completion of Biology and Chemistry

Zoology is a course that will survey the nine major phyla of the kingdom Animalia. Zoology is the study of animal life. Zoologists research everything they think to ask about animals, including their anatomy and interrelationships, their physiology and genetics, and their distributions, evolution and habitats. This course will have a required lab component.

Lab fee -\$20

Social Studies

The high school social studies program is designed to integrate knowledge and skills from history and the social sciences into a comprehensive instructional sequence. The overall goal is to prepare students for the responsibilities of citizenship. The content includes knowledge of democratic government, the dignity and self-worth of the individual, and equality of opportunity. The curriculum reinforces specific social studies skills introduced at the elementary and middle school years. Among these are geographic skills, social science research skills, critical thinking skills, historiography, and both individual and group problem solving skills.

2101

World History ★

1 Credit

Grade 9

This course is a survey of world history and the cultures of the world with an emphasis on the Modern Era from the Renaissance to the present. The focus of the course is the major ideas, people and events from the eastern and western hemispheres which have shaped our world today. Emphasis is placed on critical thinking skills, essay writing, interpretation of original documents and historiography. Students will be expected to read extensively beyond the assigned textbook and routinely undertake independent research projects.

210M

World History Honors ◇ ★

1 Credit

Grade 9

Prerequisite- Teacher recommendation

This course is a survey of world history and the cultures of the world with an emphasis on the Modern Era from the Renaissance to the present. The focus of the course is the major ideas, people and events from the eastern and western hemispheres which have shaped our world today. You will be given the opportunity to become involved in rigorous learning and writing activities requiring critical thinking, research, making inferences, generalizing and drawing conclusions. Students will be expected to read extensively beyond the assigned textbook and routinely undertake independent research projects.

201M

Human Geography AP ◇ ★

1 Credit

Grade 9

Prerequisite- Teacher recommendation and Galileo scores

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

2311

Government ★

1 Credit

Grade 10

This course presents a comprehensive study of national, state, and local government. Throughout the year students will become well-versed in topics including law and current events. Students will gain exposure to a variety of strategies in order to read and analyze complex primary and secondary source text and to increase oral expression, problem solving, and critical thinking skills. Students will be expected to closely read and analyze several seminal documents in American history, important Supreme Court cases, laws and statutes, graphs and charts, as well as news articles and political cartoons. Students will complete the course as informed citizens capable of future course work and assessments in secondary social studies.

231M**Government Honors** ◇ ★**1 Credit****Grade 10*****Prerequisite- Earn a B or better in prior social studies course and teacher recommendation***

This course presents a comprehensive study of national, state, and local government. Throughout the year students will become well-versed in topics including law and current events. Students will gain exposure to a variety of strategies in order to read and analyze complex primary and secondary source text and to increase oral expression, problem solving, and critical thinking skills. Students will be expected to closely read and analyze several seminal documents in American history, important Supreme Court cases, laws and statutes, graphs and charts, as well as news articles and political cartoons. This course requires the completion of at least one independent research investigation regarding historical or current topics in government. Students in this course must demonstrate a commitment to academic achievement, while exemplifying self-motivation and a desire to learn independently. Students will complete the course as informed citizens capable of influencing their futures and will likely pursue future Honors-level course work in secondary social studies.

233M**1 Credit****Government AP** ◇ ★**Grade 10*****Prerequisite- Earn a B or better in prior social studies course and teacher recommendation***

This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.

2201**US History** ★**1 Credit****Grade 11**

U.S. History is a survey course highlighting key events in the development of the United States. Emphasis will be on causes and effects of significant events and contributions and accomplishment of groups or individuals in U.S. History. Furthermore significant movements in history, cultural and societal changes in U.S. History will be taught.

220M**US History Honors** ◇ ★**1 Credit****Grades 11, 12*****Prerequisite- Earn a B or better in prior social studies course and teacher recommendation***

US History Honors will study the major themes of United States History from the founding of the nation through the present day. Themes to be covered include: Colonial America, the Revolutionary War, Slavery and the Civil War, the Westward Movement, Reconstruction, Industrialism and Imperialism, the World Wars and the Great Depression, and then a look at the United States from the 1940's to the present in relation to various cultural, political and social issues.

222M**US History AP** ◇ ★**1 Credit****Grade 11*****Prerequisite- Earn a B or better in prior social studies course and teacher recommendation***

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. Students investigate significant events, individuals, developments, and processes in nine historical periods from the late-1400's to the present. Students develop and 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. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

2301**Economics ★****1 Credit****Grade 12**

This course will study micro- and macroeconomics, global economics and personal finance to ensure the students understand the costs and benefits of financial decisions on all levels. Students will also study current and historical relationships in the economic, political and cultural realms.

2110**20th Century Warfare****1 Credit****Grades 9, 10, 11, 12**

This course is designed for students who wish to conduct an in-depth study of the nature of warfare in the 20th century through a project-based learning environment. This course will examine the history of the twentieth century, focusing on the role of the United States as it becomes a major world power. Beginning with the growing tensions of European and American rivalries for increased economic influence throughout the world, we will explore World War I, the Russian Revolution, and World War II. The second half of the course will focus exclusively on the Cold War, Korean War, Vietnam War, the Iraq and Afghanistan conflicts, and the war on terror.

212M**Psychology AP ◊ ★****1 Credit****Grades 11, 12*****Prerequisite- Earn a B or better in prior social studies course and teacher recommendation***

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

2118**African American Studies****1 Credit****Grades 9, 10, 11, 12**

The African American Studies course is designed to provide students with a comprehensive overview of the African American experience beginning with Africa through modern times. The course will address the introduction of Africans to the Americas, enslavement, emancipation, and the social and political challenges and triumphs that followed. In addition, the course will highlight the social, cultural and political contributions of African Americans to American society.

2117 ★**Psychology****.5 Credit****Grades 10, 11, 12**

This course involves the systematic study of individual human behavior and experience. The purpose of this course is to introduce the student to the content, terminology, methodology, and application of the discipline. This survey course contains an introduction to the physiological, cognitive, behavioral, and affective domains of psychology. Topics include learning, intelligence, patterns of behavior, growth and development, interpersonal relationships, gender, and social issues. ***This course will be linked with Sociology.***

2114

Sociology ★

.5 Credit

Grades 10, 11, 12

What is Sociology? Why do people do what they do? Sociology is the science that studies human society and social behavior. It is how we relate to and influence each other, other groups, and between our group and other groups. The study of sociology provides individuals with the basic tools they need to develop a sociological imagination. The sociological imagination is the ability to see the connection between the larger world and our personal lives. The development of a sociological imagination enables students to examine how society shapes beliefs and beliefs in turn shape society. ***This course will be linked with Psychology.***

2119

Women's Studies

1 Credit

Grades 9, 10, 11, 12

The main focus of this course will be women and their societal advancement through American History. Discussion of the status of women in a more global perspective will occur. Women's Studies examine the experiences and contributions of diverse groups of women in American society. This course will provide knowledge about the social role of women and their involvement in areas such as health, history, and political activism. The course will also provide knowledge about gender stereotypes and how this affects the learning process.

World Languages

The study of world languages uses a proficiency-based approach, which focuses on what students can do with the language and to what degree they are able to function in the language. World language study enhances the integration of communication skills with higher order thinking skills and creativity. The study of culture is an integral part of the curriculum; it sets the stage for language use and heightens students' sensitivity to and appreciation for diverse groups of people, environments, and customs. Students also develop broader knowledge of and facility in their native languages and tend to increase their verbal performance. The study of world languages contributes to positive self-esteem, builds on individual strengths, and accommodates a variety of learning styles. Additional world language courses taken outside of PHHS may be used for credit toward graduation requirements if prior approval of course content has been given by the principal.

5100

Japanese I ★

1 Credit

Grades 9, 10, 11, 12

Japanese I is designed to develop the basic communication skills needed to interact with native speakers of Japanese. With a focus on oral communication, this course emphasizes listening skills, pronunciation, and everyday vocabulary. Students will gain reading and writing skills through the exploration of hiragana, katakana and kanji. Classroom activities, projects and discussions will offer insight into Japanese society and culture.

5110

Japanese II ★

1 Credit

Grades 10, 11, 12

Prerequisite- Japanese I

Japanese II continues to develop the basic communication skills needed to interact with native speakers of Japanese. With a focus on written communication, this course emphasizes oral communication, listening skills, pronunciation, and everyday vocabulary. Students will continue to improve reading and writing skills through the further exploration of ひらがな、カタカナ、 and 漢字. Classroom activities, projects and discussions will offer insight into Japanese society and culture.

5120

Japanese III ★

1 Credit

Grades 11, 12

Prerequisite- Japanese II

Japanese III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

5130

Japanese IV ★

1 Credit

Grade 12

Prerequisite- Japanese III

Japanese IV is designed to be comparable to college/university Japanese courses that represent the point at which students complete approximately 300 hours of college-level classroom instruction. A focus is placed on advancing students' skills and abilities to read, write, speak and understand the Japanese language. Students will develop the productive, receptive, and cultural skills necessary to maintain simple conversations with native speakers of Japanese. Comprehension and proficiency levels at the end of the course are expected to reach at least the Intermediate Low to Intermediate Mid-range as described by ACFTL Proficiency Guidelines.

5200

Spanish I ★

1 Credit

Grades 9, 10, 11, 12

Language, culture, and communication are the key concepts for this course. Students will learn basic Spanish vocabulary through reading and writing, listening to and speaking the language. Students will also learn cultural perspectives and the importance of speaking a second language in today's global economy.

5210

Spanish II ★

1 Credit

Grades 9, 10, 11, 12

Prerequisite- Spanish I

A continuation of Spanish I, students will build upon their current vocabulary and use of Spanish. Reading, writing, listening and speaking the language will be emphasized. More complex sentences and terminology will be used in this class to help students better communicate in the Spanish language.

5220

Spanish III ★

1 Credit

Grades 10, 11, 12

Prerequisite- Spanish II

A continuation of Spanish II, students will build upon their current vocabulary and use of Spanish. Reading, writing, listening and speaking the language will be emphasized. Areas of focus will include an emphasis on literary comprehension and analysis in the target language and extensive writing opportunities. Speech and debate in the target language is also a highlight of this course.

5230

Spanish IV ★

1 Credit

Grades 11, 12

Prerequisite- Spanish III

This course is the fourth level of Spanish study and is designed to deepen students understanding of both the Spanish language and culture. Using the Arizona World Language Standards of Communication (written or spoken), Culture (the how, what and why of the new culture and your own), Connections (between other subjects and Spanish), Comparisons (of the Spanish language and culture and your own) and Community (extending use of Spanish beyond the classroom) the aim of this class is to introduce students to develop intermediate proficiency in all four elements of language study: listening, speaking, reading, and writing. As we study relevant, real-world theme based units there is a high expectation for effort outside of the classroom in this level of the language.