

**Sedona Red Rock
Jr./Sr. High School**

Course Catalog

SCORPIONS



2019-2020

FORWARD

Sedona Red Rock Jr. /Sr. High School is a six-year public school, dedicated to the pursuit of academic excellence in a culturally diverse community.

Analytical and creative thinking skills equip students to draw upon the knowledge of the past, weigh the questions of the present, and to envision the possibilities of the future. We believe that academic achievement is intrinsically valuable in a democratic atmosphere of mutual respect, social equity, and personal responsibility.

Involvement in extra-curricular and co-curricular activities provides additional opportunities for pursuing academic, social, and athletic goals.

Selecting courses will be one of the most important tasks you will perform during your school career. The coursework you choose will prepare you for further educational opportunities and life.

OBJECTIVES

1. To set and maintain high academic standards while providing each student with the opportunity for a structured, yet individualized, six-year sequence of courses, thereby preparing students for post-secondary educational opportunities.
2. To offer a rigorous college and career preparatory program, enabling students to graduate with 21st Century skills and opportunities to fulfill their goals for the future.
3. To maintain an atmosphere of mutual respect in a culturally diverse community and thereby promote a responsible exchange of ideas among students and other members of the Sedona Red Rock Jr./Sr. High School community.
4. To serve as a model of excellence in the educational community.

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GENERAL INFORMATION

1. GRADES AND CREDITS

- a. All students must have 22.5 credits to be eligible to graduate. Please see page 6 for more details.
- b. Credits – Credits are based on Carnegie units of credit. In most cases, a course that lasts one full school year will receive one (1) unit of credit (.5 credit per semester). Courses that last for only one semester will merit one-half (.5) unit of credit.
- c. Grading – The following grading scale applies to all courses at Sedona Red Rock Jr./Sr. High School:

GRADE	RANGE	REGULAR VALUE	WEIGHTED VALUE
A	90-100%	4.0	5.0
B	80-89%	3.0	4.0
C	70-79%	2.0	3.0
D	60-69%	1.0	2.0
F	0-59%	0.0	0.0

- d. Weighted Grades – All Advanced Placement (AP) and Dual Enrollment courses add 1.0 (D or better) on the grade point average.
- e. Computation of Grade Point Average
 - Each percent grade is changed to the appropriate letter grade
 - Each letter grade is assigned a value (either regular or weighted)
 - Each value is multiplied by the amount of credit the class is worth resulting in a number of points.
 - The total number of points is divided by the total number of credits attempted, arriving at the grade point average.
- f. Audit – Students who enroll more than 20 days after the start of a course, without a verified transfer grade from the previous school, will be able to take the course as audit only. No credit will be awarded for the course.

2. TYPES OF COURSES

- a. **Elective Courses** – Elective courses are those which are not specifically identified as graduation requirements. You will need to take some elective courses in order to have sufficient credits to graduate. All elective courses are designed to provide you with a marketable skill, make you a better-informed person, citizen, and consumer, and assist you in expanding your knowledge in areas that will become life-long hobbies or avocations.
- b. **Honors Courses** – Courses designated as Honors are taught at a higher instructional level and contain more rigorous coursework requirements.
- c. **Prerequisite Courses** – A prerequisite is a condition that must be met before a student may enroll in a certain course. The prerequisites are listed on each course description. Please check these requirements carefully before making selections.
- d. **Required Courses** – A required course is one that must be successfully completed in order to meet graduation requirements. For example, a student must successfully complete Government in order to graduate. Graduation requirements are listed in this booklet on page 6.
- e. **Advanced Placement (AP) Course** – These classes are College Board approved courses designed to prepare the student for taking college-level course work and exams while still in high school. Taking AP courses can result in students earning college credit or placement once the student enrolls in a college or university. Most colleges and universities accept AP courses. It is important the student be informed about the policies of their potential colleges.
- f. **Dual Enrollment (DE) Course** – These are dual credit courses in which the student earns both high school and college credit simultaneously. To participate in DE courses, students have to show college readiness.
- g. **Career & Technical Education (CTE) Course** – These are dual credit courses, provided that the student earns a grade of C or better, that focus on career training skills. Some CTE courses are offered on-site while others are offered off-site through V'ACTE Central Campus. Students may have to submit an application to enroll in CTE courses.

3. CREDIT ACCEPTANCE BY COLLEGE / UNIVERSITY

During the past several years, colleges and universities, including many in Ohio, have changed their entrance requirements.

If you are accepted **CONDITIONALLY** into a college or university, you may have to

complete entrance requirements at your own expense of time and money before you may begin to take courses leading to your degree. This can greatly increase the cost of college and the time required to obtain a degree.

Check with your counselor and your college of choice frequently to see that you do not neglect a requirement for admission.

4. COURSE SCHEDULES

- a. Many required courses are “pre-arranged” in grades 7-11 due to state-mandated graduation requirements. Students are encouraged, when the opportunity is presented, to select elective courses carefully with input from a parent/guardian, college advisor, teacher, and/or counselor.
- b. Schedule changes are permitted within the first 10 days of the grading period for the following reasons:
 - To add or repeat a course required for graduation, college admission, or vocational school preparation.
 - To correct a scheduling error
 - To eliminate a study hall
 - To adjust for appropriate placement
 - To accommodate special education/ELL students
 - To replace summer school course(s) successfully completed

5. GRADUATION REQUIREMENTS

Sedona Red Rock High School requires a minimum of 22.5 credits for graduation/diploma.	State of Arizona Minimum Required
English (4.0 Credits)	4.0 Credits
Math (4.0 Credits)	4.0 Credits*
Science (3.0 Credits)	3.0 Credits
History/Social Studies (3.0 Credits)	3.0 Credits**
CTE Courses (3.0 Credits)	
Foreign Language (1.0 Credit)	
Physical Education (1.0 Credit)	
Fine Art (1.0 Credit)	
Exhibition (0.5 Credit)	
Elective Credits (2.0 Credits)	8.0 Credits***
Other State Requirements for Graduation:	
Civics Test (Minimum score of 60% or better; reported as Pass or Fail)	
Introductory Coursework in First Aid/CPR	

- * Math: Credits must include at least one credit each of Algebra I, Algebra II, and Geometry.
- ** History/Social Science: Credits must include one credit each of World History, US History, and Government/Economics
- *** Electives: Credits must include at least one credit of Fine Arts or CTE.

6. EARLY GRADUATION:

- a. The Sedona-Oak Creek Unified School District Board of Education does not advocate early graduation, although such requests will be reviewed. College-bound students are encouraged to remain in high school to earn the credits as set forth above.
- b. Early graduation can occur:
 1. At the end of the student’s junior year, or
 2. At the end of first semester of the student’s senior year.
- c. To be eligible for early graduation, the student must:
 1. Make the commitment for early graduation by the year of graduation.
 2. Present a parental letter of consent to high school counselor by the start of the year of graduation.
 3. Have an acceptable attendance and disciplinary record.
 4. Receive approval from Administration for early graduation.
 5. Meet all credit and testing requirements for graduation.

7. NCAA ELIGIBILITY STUDENTS PARTICIPATING IN COLLEGE ATHLETICS:

All students wanting to participate in college athletics need to be ready to participate by fulfilling NCAA Clearinghouse requirements. When scheduling high school classes, beginning with the first year, students need to schedule core classes as listed on our schools “list of approved core classes” which can be found at the NCAA Clearinghouse website: www.eligibilitycenter.org

Our school code is **060408**. To be eligible, students need a 2.0 or better GPA from their “core classes” and a qualifying score on an ACT or SAT.

Students are encouraged to meet with their counselors at the start of the freshman year to begin their course selection process. Students must create a student account by going to the clearinghouse website. Students can also qualify for a fee waiver - see your counselor for qualifying information.

Checklist for College Planning

WHEN TO BEGIN	WHAT TO DO	HOW TO DO IT
<input type="checkbox"/> Freshman and Sophomore years	Become familiar with college entrance requirements and continue career exploration activities. Which courses in your high school curriculum satisfy college requirements? Do you have a plan for extracurricular involvement?	Work with parents, teachers, and counselors to create a four- year high school curriculum plan to satisfy your goals. Try job shadowing. Get involved at school and in your community.
<input type="checkbox"/> September – March of junior year	Think about your reasons for going to college. What are your goals? What learning opportunities are most important? Do your college plans include career plans?	Talk with your parents, counselors, teachers, and friends. Investigate possible career options and degree level required.
<input type="checkbox"/> January- March of junior year	Identify important factors in choosing a college. Two-year or four-year? Location? Cost? Kind of atmosphere? Variety of study programs available? Entrance test requirement?	Focus on your goals and career interest. Consult college guidebooks. Explore colleges on the internet. Prepare for your college admission test.
<input type="checkbox"/> March- August of junior year	List colleges you are considering and collect information. Have you included all possible choices? What information do you need? How can you get it?	Attend college fairs and college night programs. Prepare for and visit colleges. Take appropriate college admission test.
<input type="checkbox"/> August- December of senior year	Compare the colleges on your list. Have you weighed pros and cons carefully? Which colleges will meet your needs?	Continue visiting colleges. Organize information into detailed, useful comparisons.
<input type="checkbox"/> September- December of senior year	Apply to your “choice” colleges. Do you have all the necessary forms? Are you sure of the application deadlines?	Obtain application forms. Observe deadlines. Submit transcript and test scores (retest if necessary).
<input type="checkbox"/> January- February of senior year	Apply for financial aid. Have you investigated all possible sources of aid? When should you apply?	Consult financial aid office. Secure forms and note deadlines. Complete the FAFSA after January 1.
<input type="checkbox"/> November- May of senior year	Make some final decisions. What additional preparation might be helpful? Should you consider summer school? Do you feel comfortable with your final choice?	Confer with parents and counselors. Confirm your decision, and decline other admission offers. Show initiative.

JUNIOR HIGH COURSE DESCRIPTIONS

ELECTIVES (Junior High)

Beginning Art

Level: 7-8

Beginning Art is a one-semester course that presents the basics of drawing, painting, design and sculpture. Students are introduced to two- and three-dimensional design through studio projects, art history and art criticism. Students create original work in media such as collage, tempera and clay. The course also requires short writing assignments.

Introduction to Drama & Theater

Level: 7-8

This one-semester course will introduce students to the basics of drama and theater production. Students will learn about acting, design, stage management, and technical theater through performance projects, design presentations, research, and hands-on workshop experiences. The course will culminate in an all-participant one-act play.

Physical Education

Level: 7-8

Physical Education is a one-semester course. The P.E. department is constantly striving to encourage individual responsibility, self-maturation, leadership, and sportsmanship in our students. Students will learn the importance of lifetime fitness and will develop the knowledge and skills necessary to achieve it. Students will experience various workout routines, weight training, cardiovascular workouts, and activities such as yoga. We expect students to learn the rules and playing strategies of the various athletic activities presented in class. Some activities introduced are soccer, flag football, disc golf, basketball, badminton, table tennis, volleyball, and softball.

Robotics

Level 7-8

This is a one-semester course. In Robotics, students apply STEM skills to design and build functional robots. Using a project-based approach, students engage in basic engineering, computer programming, and mathematic skills. This class also involves research and team building skills. Student collaborative groups can earn the chance to compete in area, regional, and state competitions.

Spanish I

Level: 8-12

Highly motivated 8th grade students are able to year-long Spanish I for high school credit. In Spanish I students establish and build a foundation for communication using basic grammar, verbs, essential vocabulary, and useful expressions. There is an immediate focus on students using the target language in context and in complete sentences. Students build on thematic vocabulary and basic verbs and gain the skills necessary to greet one another and talk about topics such as weather, favorite activities, foods, and many other common themes. Grammatical structures presented in Level 1 include the present tense of regular and irregular verbs, articles, nouns, and adjectives and how they function in the language. Various skits, plays, and video

Credit: 1.0

projects will be assigned throughout the year. Students will also complete brief studies on Hispanic culture and Geography. Foreign Language is required for high school graduation.

EXPLORATORY WHEEL (Junior High)

Civics 7/8

Level: 7-8

This eight-week course begins with examining the events leading to the creation of the United States and the background for the writing of the U.S. Constitution. The students will learn about the structure of American government, as well as current issues facing society. Students are expected to develop critical thinking and analytical skills by debating and discussing relevant events. Required.

Debate

Level: 7-8

This eight-week course is designed to develop students' skills in oral persuasion, reasoned argument, and research. Students taking this course will be expected to research and prepare original speeches on specific topics (self-selected and assigned). The primary purpose of this class is to achieve excellence in skills of analytical thinking, reasoning, organization, argument, persuasive speaking, and research. These skills will be developed through preparation for and participation in debate. Grades will be based on skill exercises, research, as well as preparation, practice, and performance. Required.

Music

Level: 7-8

This is an eight-week course that begins with three weeks of vocal/music theory training, followed by five weeks of string orchestra. Throughout this course, students will study a broad range of topics in music, including basic elements of music theory, notation, composition, performance, and music history. Required.

INTERVENTION (Junior High)

Learning Lab

Level: 7-8

In the eight-week Learning Lab course, the focus is to promote the improved academic skills. The class gives students the opportunity to work on homework and study for other classes. It also enables students to receive tutoring and extra help in content areas that are more challenging. Required.

LANGUAGE ARTS / READING (Junior High)

Academic Reading

Prerequisites: Language Acquisition Assessment Data (AZELLA)

Level: 7-8

This full-year Language Arts/Reading program will use the four components of reading instruction – decoding, fluency, vocabulary, and comprehension – to help students improve reading performance. The class will include direct instruction, small group instruction, and modeling of effective reading practices/strategies. Some areas of instruction may include word recognition, vocabulary building, critical thinking, study skills, making inferences, drawing conclusions, sequencing, interpretation of facts, etc. Students will be assessed and evaluated throughout the year to monitor progress.

Language Arts 7/8

Level: 7-8

This year-long course is designed to develop students' reading, writing, listening, speaking, and critical thinking abilities through integrated Language Arts consistent with the State of Arizona College & Career Ready Standards. Students will study vocabulary including context clues, connotation, denotation, roots, affixes, synonyms, and antonyms. Students will read and analyze a variety of forms of literature and informational text. Composition activities will emphasize sentence structure and paragraph construction and take students from pre-writing through revision and publication of a variety of applications such as narratives, arguments, informative/explanatory essays, and responses to text. The ultimate goal is to prepare students for the end-of-course exam and future success in high school English. Required.

MATHEMATICS (Junior High)

Math 7

Level: 7

In 7th grade Mathematics, students will focus on developing an understanding of and applying proportional relationships; developing an understanding of operations with rational numbers; working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions; and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume. Students will work toward proficiency in the State of Arizona College & Career Ready Standards and will be required to take the End of Course Test. Required.

Math 8

Level: 8

In 8th grade Mathematics, students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence; and understanding and applying the Pythagorean Theorem. Students will work toward proficiency in the State of Arizona College & Career Ready Standards and will be required to take the End of Course Test. Required (unless advanced proficiency test is passed from Math 7).

Algebra I***Credit: 1.0***

Prerequisite: Math 8 or advanced proficiency test from Math 7 and teacher recommendation

Level: 8-12

Eighth grade students meet the prerequisite requirements will be able to take Algebra I for high school credit. Algebra I is the first course of a 4-year high school mathematics program of study. The major emphasis of Algebra I is on the fundamental skills of algebra and the various algebraic strategies that can be applied to solving mathematical problems. Students will work toward proficiency in the State of Arizona College & Career Ready Standards and will be required to take the End of Course Test. This course is required for high school graduation. The TI-84 graphing calculator is required. Required for high school graduation.

SCIENCE (Junior High)***Science 7/8***

Level: 7-8

This course is designed to teach a selection of Earth, Life, and Physical Science Topics, following the Arizona State Science Standards for Junior High. Earth Science: Students will use inquiry as a discovery method in order to describe the properties and composition of the Earth's structures, explain the Earth's geological processes, and discover the Earth's place in the solar system and the universe. Life Science: Students will use inquiry as a discovery method in order to describe the effect of humans on the environment, the diversity of life on earth, ecosystems, and genetics. Physical Science: Students will use inquiry as a discovery method in order to describe matter and its properties, atomic structure, the periodic table, forces, and Newton's laws of motion. Required.

SOCIAL STUDIES (Junior High)***Social Studies 7/8***

Level: 7-8

Social Studies 7/8 is designed to help students develop the skills necessary for making informed and reasoned decisions for the public good as citizens of a culturally diverse, democratic society in an interdependent world. Through integrated explorations of Geography, American History, World History, Government, Civics, and Economics, students are given authentic opportunities to think critically, perform effective research, develop an informed opinion, express ideas through various means, and to respect perspectives different than their own. The course is designed to engage students in rigorous, intellectual work that encourages inquiry, reading, writing, and historical thinking skills. Required.

SPECIAL SERVICES COURSE DESCRIPTIONS

Consumer Math

Level: 7-12

This course is an intense intervention math class that focuses on missing beginner skills to help increase student ability to complete higher-level math. It is a goal-focused course that has special requirements for enrollment.

Life Skills

Level: 7-12

This course focuses on social skills, workplace skills, and independence skills. Students work on career exploration and learning how to socialize in different social situations. There is an emphasis on building problem-solving skills and learning self-management. Students are engaged in a variety of tasks including learning to clean, cook, do laundry, and complete assigned tasks. It is a goal-focused course that has special requirements for enrollment.

Physical Education

Level: 7-12

This course is a Unified Special Olympics team, the Sedona Red Rockers. This team participates in various sports including bocce, bowling, basketball, and track & field. This course is composed of students with disabilities as well as peer partners without disabilities. The focus is learning how to play sports, while gaining acceptance and understanding of others. This course has limited availability. Students without disabilities who enroll will earn standard PE credit for the course.

Study Skills

Level: 7-12

This course focuses on learning workplace skills, basic mathematics, and English skills to expand student knowledge in order to better prepare for other courses and future employment. It is a goal-focused course that has special requirements for enrollment.

HIGH SCHOOL COURSE DESCRIPTIONS

ART (High School)

AP Studio Art: Drawing Portfolio & 2D Design

****Weighted Credit: 1.0***

Prerequisites: Drawing & Painting and/or Casting & Sculpting

Level: 11-12

This course meets the rigorous expectations for Advanced Placement as prescribed by College Board. This full-year course has been developed for the visually gifted and motivated art student to 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. The student will create a portfolio of college-level works that show evidence of mastery in concept, composition, and execution while investigating all three portfolio requirements – Quality, Concentration, and Breadth. The portfolio will be submitted to the College Board for grading in May. *Students wishing to receive a weighted grade for this course must submit the AP Studio Art Portfolio; otherwise, standard credit will be given. Elective.

Casting & Sculpture

Credit: 1.0

Level: 10-12

This course focuses on the nature and history of casting, sculpture, and three-dimensional design. Students will concentrate on techniques and processes to develop three-dimensional art skills. Students will use a variety of materials such as wire, wood, paper, clay, and mixed media. Students will participate in art criticism, become acquainted with the history of casting and sculpture and view work by contemporary artists. Elective.

Drawing & Painting

Credit: 1.0

Level: 10-12

This course emphasizes life drawing, observation skills, design, art criticism, and art history. Students create a variety of two-dimensional art forms in drawing, design, and painting projects using a wide range of media, including pencil, charcoal, ink, watercolor, tempera, and mixed media such as collage and clay. The course does require short writing assignments. Elective.

Intermediate Art 9

Credit: 1.0

Level: 9

Intermediate Art 9 presents the basics of drawing, painting, design, and sculpture. This course introduces students to two- and three-dimensional design through studio projects, art history, and art criticism. Students create original work in media such as collage, tempera, and clay. The course does require short writing assignments. Elective.

CAREER & TECHNICAL EDUCATION (High School) Off-Site

Certified Nursing Assistant

Credit: 1.0 / Semester

Prerequisite: Students must submit an application for enrollment.

Level: 12

This is a dual-enrollment, V²ACTE Central Campus one-semester program. Students will earn OSHA-10 Healthcare and CPR/AED/First Aid Certification, as well as Yavapai College and Arizona State Board of Nursing Certified Nursing Assistance Certifications. College credit is awarded through Yavapai College. Elective.

Construction Trades

Credit: 1.0 / Semester

Prerequisite: Students must submit an application for enrollment.

Level: 10-12

This is a dual-enrollment, V²ACTE Central Campus one- to two-year program. Students study flooring, framing, roofing, plumbing, electrical, and much more. Students earn Industry Certification in OSHA-10, IVES Core 4 Lift, NCCER Core, and NCCER Level 1 Certificates. College credit is awarded through Yavapai College. Elective.

Culinary Arts

Credit: 1.0 / Semester

Prerequisite: Students must submit an application for enrollment.

Level: 11-12

This is a dual-enrollment, V²ACTE Central Campus one-year program. Students will earn ServeSafe Manager Industry Certification as well as a Yavapai College Culinary Arts Fundamentals Certificate. College credit awarded through Yavapai College. Elective.

Fire Science

Credit: 1.0 / Semester

Prerequisite: Students must submit an application for enrollment.

Level: 12

This is a dual-enrollment, V²ACTE Central Campus one-year program. Students will earn CPR/AED/First Aid, Arizona Firefighter 1 & 2, and Hazardous Materials Certifications. College credit is awarded by Yavapai College. Elective.

Medical Assistant

Credit: 1.0 / Semester

Prerequisite: Students must submit an application for enrollment.

Level: 11-12

This is a dual-enrollment, V²ACTE Central Campus one- to two-year program. Students will earn CPR/AED/First Aid, Phlebotomy, and Medical Assistant certifications upon program completion. College credit is awarded through Yavapai College. Elective.

Phlebotomy

Credit: 1.0 / Semester

Prerequisite: Students must submit an application for enrollment.

Level: 12

This is a dual-enrollment, V²ACTE Central Campus one-semester program. Students earn Yavapai College Phlebotomy Certificate. College credits awarded through Yavapai College. Elective.

Teacher Training

Credit: 1.0 / Semester

Prerequisite: Students must submit an application for enrollment.

Level: 11-12

This is a dual-enrollment, V'ACTE Central Campus one-year program. Students will receive a Level 1 Finger Print Clearance Card, CPR/AED/First Aid Certification, as well as Arizona Paraprofessional Certification. College credit awarded through Yavapai College. Elective.

CAREER & TECHNICAL EDUCATION (High School) On-Site

Criminal Justice I

Credit: 1.0

Level: 9-12

Criminal Justice I is an introductory course designed to familiarize students with all facets of the Criminal Justice System – police, courts, and corrections – in the United States today. The course provides a historical and philosophical overview of the American Criminal Justice System as well as specifically studying the organization and jurisdiction of local, state, and federal law enforcement agencies, the court systems, and corrections systems. The course will also look at and identify historical events that have influenced current trends in policing as well as the impact of advancements in technology and forensics to investigate crimes. Throughout the course, students will have a chance to preview career opportunities within the Criminal Justice System and understand the qualifying requirements of those jobs.

Photography I

Credit: 1.0

Level: 9-12

Photography class uses digital cameras as a tool for artistic expression. Visual communication, design analysis and photography's impact on our society is emphasized. Photography skills introduced include manual camera controls, capturing light, movement, depth and camera angles. Photoshop software serves as a "digital darkroom". Students take photographs at school and at home working as groups and individually. It is not necessary to own a camera to enroll.

Photography II & III

Credit: 1.0

Prerequisite: Successful completion of Photo I/II

Level: 10-12

Photography class uses digital cameras as a tool for artistic expression. Visual communication, design analysis and photography's impact on our society is emphasized. Photography skills introduced include manual camera controls, capturing light, movement, depth and camera angles. Photoshop software serves as a "digital darkroom". Students take photographs at school and at home working as groups and individually. It is not necessary to own a camera to enroll.

Sports Medicine I

Credit: 1.0

Level: 9-12

Sports Medicine I is designed for students interested in the career of athletic training. The primary focus will include, but not be limited to, the following topics: The Sports Medicine Team, organization and administration, injury prevention, physical training and conditioning techniques, nutritional considerations, protective sports equipment, psychology of sports injury/illness, mechanisms and characteristics of sports trauma, tissue response to injury, human anatomy, exercise physiology, biomechanics, kinesiology, CPR/bloodborne pathogens, injury

assessment and evaluation, environmental concerns, basic taping and bandaging, explanations of therapeutic modalities, basic exercise rehabilitation, drug use/abuse in sports, and skin disorders.

Sports Medicine II

Credit: 1.0

Level: 10-12

Sports Medicine II is designed to educate students interested in fields such as athletic training, physical therapy, medicine, fitness, physiology of exercise, kinesiology, nutrition, and other sports medicine fields. The main focus of this class is to introduce students to the science of human anatomy and physiology, various injuries of the body, and ways to care for these injuries.

ENGLISH (High School)

Academic Reading

Credit: 1.0

Prerequisites: Language Acquisition Assessment Data (AZELLA)

Level: 9-12

This full-year Language Arts/Reading program will use the four components of reading instruction – decoding, fluency, vocabulary, and comprehension – to help students improve reading performance. The class will include direct instruction, small group instruction, and modeling of effective reading practices/strategies. Some areas of instruction may include word recognition, vocabulary building, critical thinking, study skills, making inferences, drawing conclusions, sequencing, interpretation of facts, etc. Students will be assessed and evaluated throughout the year to monitor progress.

AP English Literature & Composition

****Weighted Credit: 1.0***

Level: 11-12

This full-year course meets the rigorous expectations for Advanced Placement as prescribed by College Board. It is a college level literary and writing course. Students will read a variety of novels, novellas, excerpts, and poetry that are deemed “literary merit.” These works range from *Metamorphosis* to *The Picture of Dorian Gray*. Literary units can vary from year to year, though the focus is always on exegesis and analysis. Students write outside of class and in class. In-class essays are usually mirror the timed 40-minute essays required for the AP Test in May.

*Students wishing to receive weighted credit for this course must take the AP English Literature & Composition Exam in May; otherwise, standard credit will be given.

DE English Composition 101

Weighted Credit: 0.5

Prerequisites: Grade of B or better in English 11 and passing score on Entrance Exam

Level: 12

This is a college-level introductory course emphasizing the process and patterns of writing college level expository prose. Included are reading assignments; extensive practice in writing clear, well-developed, grammatically correct essays; and a research paper. A research paper will be required for completion of this course. This course meets 1/2 credit towards English 12 and must be taken in conjunction with English Composition 102. Students may take this course without the option of college credit. This course offers 3 credits though Yavapai College (EN101).

DE English Composition 102**Weighted Credit: 0.5**

Prerequisites: English Comp 101

Level: 12

This course continues the reading and writing of ENG101. Readings range from short stories and poetry to plays and/or novels. Writing includes both formal and informal criticism or analysis of the texts. This course meets 1/2 credit towards English 12 and must be taken in conjunction with English Composition 101. Students may take this course without the option of college credit. This course offers 3 credits through Yavapai College (EN102).

English 9/10**Credit: 1.0**

Level: 9-10

English 9/10 includes the study of the various forms of literature; the essay, the short story, the novel, drama, poetry, as a further introduction to basic literature. Improvement of reading technique is a regularly scheduled activity. The student writing assignment is the natural outgrowth of student experience. Paperback copies of a novel and a non-fiction work are used as common reading material in addition to a standard anthology. Parallel tasks are assigned to prepare students to meet the State of Arizona College & Career Ready Standards and End of Course Exam.

English 11**Credit: 1.0**

Prerequisites: English 9/10

Level: 11

This course is concerned with preparation for proficiency in the State of Arizona College & Career Standards as well as SAT and ACT College Entrance Exams. Reading, writing, speaking, and listening activities are generated from the American literature covered. Content will be explored through novel, non-fictional texts, and the course anthology. Students must take the End of Course Exam.

English 12**Credit: 1.0**

Prerequisites: English 9, 10, 11

Level: 12

English 12 focuses on three key areas: public speaking, reading, and writing. These key areas are addressed through the study of mass media, literature, non-fiction works, and the course anthology. English 12 students will complete a research project that requires them to research a topic, write a research paper, and complete a presentation to the class. A research paper and an oral presentation will be required for course completion.

Senior Literature**Credit: 1.0**

Prerequisites: English 9, 10, 11

Level: 12

Senior Literature investigates the theme "Search for Self." Students will begin with *Siddhartha* as a launching point for this thematic search. Students will engage with a variety of authors, both American and World. Non-fiction or informational texts are layered within each novel unit. For example, *Into the Wild*, and *Walden's Pond* are both studied during the *Siddhartha* unit. There is at least one Shakespeare play, Hamlet, which will be studied as well. Students will write a minimum of eight essays, both in class and outside of class and with the use of technology. There are several oral presentations throughout the units assigned, from short reports to more formal speeches.

EXHIBITION (High School)

Senior Exhibition

Credit: 0.5

Level: 12

Senior Exhibition is an independent senior-level research paper/project that is required for graduation. Students will first create a proposal that is run through the exhibition committee to ensure strength and rigor. Then, the students will investigate the approved topic via credible sources and craft a research document that is properly cited. If students choose to pursue the project option, they will document each phase of the project. At the end of the process, students will make a formal presentation of their Exhibition (either project or research paper) in front of a panel of staff and community judges.

FOREIGN LANGUAGE (High School)

Spanish I

Credit: 1.0

Level: 8-12

In Spanish I students establish and build a foundation for communicating using basic grammar, verbs, essential vocabulary, and useful expressions. There is an immediate focus on students using the target language in context and in complete sentences. Students build on thematic vocabulary and basic verbs and gain the skills necessary to greet one another and talk about topics such as weather, favorite activities, foods, and many other common themes. Grammatical structures presented in Level 1 include the present tense of regular and irregular verbs, articles, nouns, and adjectives and how they function in the language. Various skits, plays, and video projects will be assigned throughout the year. Students will also complete brief studies on Hispanic culture and Geography.

Spanish II

Credit: 1.0

Prerequisite: Spanish I or demonstrated proficiency in foundational Spanish Language

Level: 9-12

Spanish II students continually build on concepts through the four language learning components of reading, writing, listening (comprehension), and speaking. This is done with a wide variety of activities using essential vocabulary, expanded verb and adjective use, and student interaction in the target language. Students are expected to actively speak and practice the language daily. At this level, students will discuss and write about events in the present and past tense. Extensive thematic vocabulary units will be used and students will develop an increased ability to talk about activities and topics including travel, foods, restaurants, outdoors, shopping, etc. Students will use Spanish in context in skits, videos, and partner work.

Spanish III / IV

Credit: 1.0

Prerequisite: Spanish II or demonstrated proficiency in intermediate Spanish Language.

Level: 10-12

Spanish III/IV students learn advanced grammatical structures and improve their written and oral proficiency skills. At this level, there is an increased focus on literature, short stories, poetry, history, and culture. Extensive vocabulary is presented throughout the year. Students will learn more verb tenses including future, conditional, present, and past perfect, subjunctive, and commands. The focus will be on conversational quality, writing, and reading for comprehension. This course is beneficial for native Spanish speakers seeking to perfect academic and formal Spanish fluency to promote bilingualism. It is also designed to prepare

students for upper levels of Spanish or continuation in college. Students at this level may elect to take the Advanced Placement Spanish Exam in May.

HISTORY (High School)

AP Human Geography

****Weighted Credit: 1.0***

Prerequisite: Grade of B or better in World History or Junior High Recommendation

Level: 9 -12

AP Human Geography is offered on a bi-annual rotation and is designed to be a systematic study paralleling the expectations of a college introductory geography course. It aims to further students' exposure to the basic concepts of human geography. The course develops students' ability to ask geography questions; acquire, organize, and analyze geographic information; and answer geographic questions. This course will also introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will also learn about the methods and tools geographers use in their science and practice. This course will include research coursework, group projects, and other out of class assignments. Major focus of the class is on the standards established by the College Board for Advanced Placement Human Geography. *Students wishing to receive weighted credit must take the AP Human Geography Exam in May; otherwise, regular credit will be given.

AP US History

****Weighted Credit: 1.0***

Prerequisite: World History and a grade of B or better in English 9/10.

Level: 10-12

This course is offered on a bi-annual rotation and is designed to be the equivalent of a two-semester introductory college or university U.S. History course. Students will investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 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. The course adheres to the rigorous standards prescribed by College Board for Advanced Placement US History. *Students wishing to receive weighted credit for this course must take the AP US History Exam in May; otherwise, regular credit will be given.

AP World History

****Weighted Credit: 1.0***

Prerequisite: Grade of B or better in English 9/10.

Level: 10-12

AP World History is offered on a bi-annual rotation and is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources;

making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. This course adheres to the rigorous standards prescribed by the College Board for Advanced Placement World History. *Students wishing to receive weighted credit for this course must take the AP World History Exam in May; otherwise, regular credit will be given.

Economics

Credit: 0.5

Level: 11-12

This course provides a one-semester study of Economics in which students learn the fundamental concepts of micro-, macro-, and international economics and apply them in intellectually and engaging ways. Using text, as well as various current events, tables, graphs, and statistics, and other data, students will gain a general understanding of economics and economic philosophy that will enable them to assess and evaluate the U.S. economy and their personal finance more successfully. Essay writing, critical thinking, active reading, and note taking will be emphasized as important means for fully participating in class. Required.

Government

Credit: 0.5

Level: 11-12

This course is a one-semester source of civic literacy and will survey the principles, philosophies, practices, and institutions that comprise the United States system of government and law. Students are expected to apply knowledge gained in previous social studies courses to pursue deeper understanding of American government. Contemporary issues will frame conversations about the Constitution, the courts, legislative and executive branches, federalism, and a review of major political philosophies around the world. Emphasis is also given to the dynamics of political decision-making and the degree to which citizens participate in political processes. Required.

US History

Credit: 1.0

Level: 9-12

U.S. History is a comprehensive course that provides students with an overview of the history of the United States, examining periods from pre-Columbian civilization, the Age of Discovery, Early America through World War II, and contemporary history. This will include an overview of political, military, scientific, and social developments.

World History

Credit: 1.0

Level: 9-12

This course enables students to contrast past cultures and civilizations and to identify how these civilizations have contributed to modern life. It introduces students to the basic concepts in the development of human society with an emphasis on ideas that affect our lives today. First semester focuses on pre-history to the Renaissance and then from the Age of Enlightenment to the Modern Era.

MATHEMATICS (High School)

AP Calculus AB

****Weighted Credit: 1.0***

Prerequisite: Minimum grade of B or better in Algebra II and teacher recommendation

Level: 12

AP Calculus AB is offered on a bi-annual rotation and is a 1-year college level course with a main emphasis on an intuitive understanding of the concepts of differential and integral calculus. The study of differential calculus includes: rules for derivatives of basic functions including exponential, logarithmic, trigonometric, and inverse trig functions; sum, product, and quotient rule; chain rule; and implicit differentiation. Applications of the derivative covered include: slope of a curve; tangent & normal lines, corresponding characteristics of graphs of f, f' and maximum and minimum; concavity; velocity & acceleration; optimization & related rates; and slope fields. The study of integral calculus includes: Riemann sums, approximation of trapezoidal rule, fundamental theorem of calculus, anti-derivatives of basic functions, integration by substitution. Applications of anti-differentiation include: solving the initial value problem, solving separable differential equations, exponential growth and decay, average value, area between curves, volumes, and the integral as net change. The TI-84 graphing calculator is required for this course. *Students wishing to earn weighted credit for this course must take the AP Calculus Exam in May; otherwise, regular credit will be given.

AP Statistics

****Weighted Credit: 1.0***

Prerequisite: Algebra II/Trigonometry

Level: 12

Advanced Placement Statistics meets the rigorous requirements prescribed by College Board. Topics include: measures of central tendency, measures of variation, sample vs. population, data collection and analysis, graphic presentation, linear correlation, regression, hypothesis testing, confidence intervals, normal distributions, law of large numbers, and probability. The TI-84 graphing calculator is required for this course. *Students wishing to earn weighted credit for this course must take the AP Statistics Exam in May; otherwise, regular credit will be given.

Algebra I

Credit: 1.0

Level: 8-12

Eighth grade students meet the prerequisite requirements will be able to take Algebra I for high school credit. Algebra I is the first course of a 4-year high school mathematics program of study. The major emphasis of Algebra I is on the fundamental skills of algebra and the various algebraic strategies that can be applied to solving mathematical problems. Students will work toward proficiency in the State of Arizona College & Career Ready Standards and will be required to take the End of Course Test. This course is required for high school graduation. The TI-84 graphing calculator is required. Required.

Algebra II

Credit: 1.0

Prerequisite: Algebra I

Level: 10-12

Algebra II will focus on the following major topics: operations with radicals, negative and fractional exponents and complex numbers; solving absolute value, radical, exponential and logarithmic equations; sequences, series and functions; graphing of circles, conic sections, matrices, polynomials, exponential and logarithmic functions; trigonometric functions, special right triangles, laws of sines and cosines; arc length and radian measure; statistics including normal distribution, regression analysis, theoretical and empirical probabilities and binomial

probability. Students will work toward proficiency in the State of Arizona College & Career Ready Standards and will be required to take the End of Course Test. The TI-84 graphing calculator is required for this course. Required.

DE Pre-Calculus (MAT187)

Weighted Credit: 1.0

Prerequisite: Successful completion of Algebra II and passing score on entrance exam.

Level: 12

Dual Enrollment Calculus is offered on a bi-annual rotation and is rigorous in nature and will require daily completion of homework assignments. Any student taking this course will be required to be responsible, diligent, and persistent. The course topics include algebra, functions (domain, range, composition, inverse, operations), transformations of functions, sketching of functions (asymptotes, intercepts, line analysis), series and sequences, proof by mathematical induction, exponential and logarithmic coordinates, limits, and continuity. If time allows, derivatives, polar coordinates, and parametric equations will also be covered. The TI-84 graphing calculator is required for this course. This course may be taken for high school and college credit simultaneously. College credit is awarded through Yavapai College (MAT187).

Mathematics

Credit: 1.0

Prerequisite: Algebra II

Level: 11-12

Mathematics is a two-semester course designed to supplement and enhance the regular mathematics curriculum. For many of our upper-division students, this class will help keep their math usage current as they prepare for college boards, military entrance exams, and the world of work in general. This course explores problem-solving techniques, probability and statistics, estimation, game theory, sports mathematics, network systems, codes, logic, and test-taking skills.

MUSIC (High School)

Advanced Orchestra

Credit: 1.0

Prerequisites: Successful completion of Beginning Orchestra or demonstrated proficiency/skill

Grade Level: 9-12

Advanced Orchestra is a non-auditioned, full-year string orchestra class. Students in the class will be expected to participate in multiple high-level concert performances, in-school and out-of-school. Orchestral repertoire is of the highest caliber, and mastery of advanced orchestra technique will be evident. Areas of refinement consist of advanced techniques including, but not limited to: Ensemble and solo activities designed to develop all elements of musicianship. Experiences include, but are not limited to, improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in order to connect the performer with the audience. Students are also provided with opportunities to experience professional live performances during and outside of the school day that support and extend learning in the classroom.

Beginning / Intermediate Orchestra

Credit: 1.0

Level: 9-12

Beginning Orchestra is a full-year, introductory string orchestra class. There are many performance opportunities through in-school and out-of-school concerts.

Choir**Credit: 1.0**

Level: 9-12

Choir is for students who have a desire to learn vocal performance and develop basic music fundamentals. Students who elect to participate in chorus will study varying genres including classical, multicultural, madrigals, etc. Attendance and participation at various concerts and assemblies throughout the year is mandatory.

PERFORMING ARTS (High School)**Performing Arts****Credit: 1.0**

Level: 9-12

This full-year drama course prepares students in skills and confidence, leading to successful social and professional endeavors. Curriculum includes oral interpretation, mime, improvisation, vocalization, movement, stage direction, scene studies, and storytelling. The course will culminate in scene studies, acting, and portrayal of characters.

PHYSICAL EDUCATION (High School)**Physical Education****Credit: 1.0**

Level: 9-12

The physical education department is constantly striving to encourage individual responsibility, self-maturation, leadership and sportsmanship in our students. Students will learn the importance of lifetime fitness and possess knowledge and skills in order to achieve it. Students will experience various workout routines, weight training, cardiovascular workouts, and activities such as yoga. We expect students to learn the rules and playing strategies of the various athletic activities presented in class. Some activities introduced are soccer, flag football, track, disc golf, basketball, badminton, table tennis, volleyball, tennis and softball.

Sports Performance**Credit: 1.0**

Sports Performance is for motivated students looking to improve their level of strength and fitness. Students will be asked to participate in intense and vigorous training to help them achieve various health, fitness, and athletic goals. Students will be exposed to activities that will challenge them physically to achieve these goals, including weight lifting and cardiovascular training. Students are required to change into appropriate athletic clothing for class every day.

SCIENCE (High School)**AP Biology*****Weighted Credit: 1.0**

Prerequisites: Successful Completion of Biology or Chemistry

Level: 10-12

Advanced Placement Biology is offered on a bi-annual rotation. Students who take AP Biology will develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. AP Biology is equivalent to a two-semester college biology course and meets the standards set

by College Board. Students who wish to receive weighted credit for the course must take the AP Biology Exam in May; otherwise regular credit will be given.

Biology

Credit: 1.0

Level: 9-12

This is an interactive course covering all aspects of our living environment. Some topics included are biochemistry, comparisons among organisms, investigation of cell structure and function, processes involved in reproduction and genetics, evidence of evolutionary change and an examination of the life functions necessary for plants and animals to maintain their equilibrium. This course includes a hands-on laboratory component where the concepts learned in class are demonstrated and analyzed using the scientific method. The labs include an extensive writing component and may require some research. Students work toward proficiency in the State of Arizona College & Career Ready Standards and are required to take the AIMS High School Science Test (10th grade).

Chemistry

Credit: 1.0

Level: 9-12

Chemistry is the study of matter and energy and their interactions. The curriculum is real-world based, designed by the American Chemical Society. Topics include composition and properties of matter (elements, atoms, compounds, and molecules), types of chemical reactions, conservation of matter, chemical equations, the Periodic Table, nuclear chemistry, atomic structure, bonding, energy, organic chemistry, solutions, concentration, acids and bases, and environmental contamination. Students will work both individually and in groups. Laboratory work will be included for each unit.

Earth Science

Credit: 1.0

Level: 9-12

Earth Science is the hands-on, inquiry-based study of the Earth's systems and how they interact with one another. General scientific concepts of measurement, error analysis, graphing, laboratory procedures, and communication will be reviewed. Specific course topics include mapping, landforms, energy, plate tectonics, volcanoes and earthquakes, rocks and minerals, weathering, erosion and deposition, water, biogeochemical cycles, weather and climate, geological history, and astronomy.

Honors / Advanced Chemistry

Credit: 1.0

Prerequisite: Grade of A in Chemistry

Level: 10-12

Honors/Advanced Chemistry will develop additional concepts of chemistry and revisit concepts from general Chemistry at a deeper level. Topics include system definition, stoichiometry, chemical reactions in solution, behaviors of gases, liquids and solids, thermochemistry, acids and bases, equilibrium, and entropy. Students will work both individually and in groups. There will be extensive, in-depth laboratory work for each unit.

Honors Physics

Credit: 1.0

Co-requisite: Algebra II

Level: 9-12

Honors Physics will introduce the interactions between matter and energy. Topics will include mechanics, waves, light, sound, and relativity. Students will work both individually and in groups. There will be extensive, in-depth laboratory work for each unit, as well as several projects.