

SHAWNEE HIGH SCHOOL

COURSE CATALOG

2019-2020



1001 North Kennedy
(405) 275-3084 Main Office
(405) 275-3631 Counseling Office
www.shawnee.k12.ok.us

Counselors
Cindy Bartley
Dianne Dodd
Courtney Lewellen
Becky Welch

SHAWNEE PUBLIC SCHOOLS

SHAWNEE HIGH SCHOOL

COURSE CATALOG

2019-2020

Dear Students and Parents:

This catalog, a synopsis of the courses to be offered during 2019-2020, has been designed so that it will be of maximum benefit in helping make important decisions concerning high school courses and programs. It includes required and elective courses as well as activities for grades nine, ten, eleven, and twelve. When considering both your educational and vocational intentions, the choices made during high school should reflect serious planning. Select courses carefully after giving serious consideration to course background, abilities, and post-graduate plans. The course schedule selected should meet graduation requirements and be academically challenging.

It is the policy of the District to provide equal opportunities in its programs, activities, and services without regard to race, color, national origin, sex, age, disability, religion, or veteran status. This policy applies with equal force to employment practices. Inquiries concerning the District's policy of non-discrimination may be referred to the Compliance Officer for Shawnee Public Schools, 326 North Union, Shawnee, Oklahoma 74801, telephone number 405-273-0653.

GENERAL ENROLLMENT INFORMATION

- Enrollment should be given careful consideration by each student and the student's parents. Choice of subjects will be considered as final, barring unforeseen circumstances. The counselors are available to meet with parents and students to assist with enrollment questions.
- In accordance with state and federal guidelines, Shawnee Public Schools provide programs for all handicapped students. Upon recommendation by a placement team, a student is provided services as specified on that student's individualized educational plan.
- A prerequisite is a subject that must be taken before a student is allowed to enroll in another specified subject.
- Students must enroll in a minimum of seven classes. Shawnee Public School District encourages students to experience four years of high school to promote social, physical, and intellectual maturity.
- The work of students entering Shawnee High School from out of district will be evaluated from official transcripts completed in those schools. The Oklahoma State Department of Education requires that students from non-accredited schools be tested in all courses transferred. To receive credit for coursework from non-accredited private schools or home schooling, students must pass the appropriate exams.
- To initiate correspondence course applications, students must see their counselor for approval.
- College-bound students should consider the Pre-Advanced Placement and Advanced Placement (AP) courses offered at Shawnee High School. Advanced placement courses are taught at the college level and the student may choose to take the AP examination in May for possible college credit. These tests are optional and there is a fee charged to the student for the test. The Advanced placement courses are identified in the course description section of this catalog.
- Senior students who meet the requirements of the Oklahoma Regents may be admitted provisionally to a college in Oklahoma as a special (concurrent) student. This allows a student to take college courses along with a partial high school schedule. Sophomores and Juniors meeting special requirements may be allowed to enroll concurrently. Students must meet the Shawnee High School and State Department of Education requirements along with the admission requirements for the post-secondary institution, the student will be attending. Concurrent enrollment is considered part of the school day. College courses and grades will be posted on the high school transcript. If a college course is taken in lieu of a required course, the grade on the college transcript will be posted on the high school transcript. It is the responsibility of the student to provide the college transcript showing credits earned at the end of each semester to the high school counselor and/or registrar. Courses that do not have a high school equivalent will be issued elective credit. Interested students should

contact the appropriate grade level counselor for

admissions criteria and admission forms.

GRADUATION REQUIREMENTS

Students must earn **50 credits** to graduate. All students must meet Shawnee Public School's graduation. Students must complete the College Preparatory Curriculum unless the student has a signed curriculum selection form on file at the school.

SHS Graduation Requirements	
English 8 credits	English I English II English III English IV

Social Studies 7 credits	Oklahoma History; World Cultures World History American History US Government	
Science 6 credits	Biology I Physical Science, Physics or Chemistry 1 additional Science	
Mathematics 8 credits	Three mathematics classes equal to or above Algebra I One additional mathematics class	
Foreign Language/Computer Technology	College Prep Curriculum	Core Curriculum
	Four credits of the same Foreign Language OR Four credits Computer Technology	Two credits Computer Technology OR Two credits of a Foreign language
Fine Arts 2 credits	Art Appreciation/General Music competencies (earned through World History) OR two fine arts credits	
Health 1 credit	Health & Wellness	
Financial Literacy 1 credit	Financial Literacy	
Electives	Enough electives to total 50 credits	
TOTAL CREDITS REQUIRED FOR GRADUATION	<u>50 Credits</u>	

*One credit is received for every semester of class

Oklahoma Promise Program Requirements

- Students must apply for Oklahoma Promise during 8th, 9th or 10th grade. Go to www.okpromise.org to apply
- Students must strictly follow the courses listed in the table listed on the College Prep Curriculum.
- The student must have at least a 2.5 cumulative GPA for **all** course work attempted in grades 9 through 12.
- The student must also complete the 17-unit core curriculum listed on the okpromise website and achieve at least a 2.5 cumulative GPA for the 17-unit core curriculum.

OKLAHOMA STATE COLLEGE AND UNIVERSITY ADMISSION STANDARDS FOR FALL 2018

College/University	Option 1	Option 2	Option 3 ¹
Oklahoma State University ¹	24 ACT or 1160 SAT	3.0 GPA and top 33% of class	3.0 GPA in 15-unit core and 21 ACT or 1060 SAT
University of Oklahoma ⁵ (OK residents)	24 ACT or 1160 SAT and 3.0 GPA or top 50% of class	3.0 GPA and top 25% of class	No Option 3
University of Science and Arts of Oklahoma	24 ACT or 1160 SAT and 3.0 GPA or top	3.0 GPA and top 25% of class	3.0 GPA in 15-unit core and 22 ACT or 1100

	50% of class		SAT
All Other Regional Universities	20 ACT or 1020 ⁶ SAT	2.7 GPA and top 50% of class	2.7 GPA in 15-unit core
Community Colleges	No minimum required. You don't need to make certain scores, but you should take required high school classes AND graduate from an accredited high school or have a GED and take the ACT exam.		

¹Students who do not meet these requirements undergo a review of cognitive and noncognitive factors. Cognitive factors include noted academic admission standards; quality, quantity and level of course work throughout the entire high school program; completion of a progressively challenging math sequence, demonstrated by performance; and class rank taken in context with academic rigor and class size of high school attended. Noncognitive factors include positive self-concept, realistic self-appraisal, long-term goals, leadership experience, community and knowledge in an acquired field. Cognitive factors will be weighted at 60 percent and noncognitive at 40 percent.

⁴Additional weighting (1.0) will be added to the GPAs of students who take Advanced Placement and higher-level International Baccalaureate courses.

⁵Students who do not meet option 1 or option 2 admission requirements are considered for admission through a holistic admission review and selection process. The holistic admission process considers several factors that predict academic success (high school GPA, high school course rigor, academic engagement, writing ability, leadership and ACT/SAT scores).

⁶This score is valid on SATs administered on or after March 5, 2016. Based on the ACT/SAT concordance table that was released in 2018, the requisite regional university SAT score will change to 1030 in the 2019-2020 academic year. Therefore, the 1030 SAT score will be required for students seeking admission for the Summer 2019 semester and thereafter. This score is subject to change.

Note: If you want to go to a state university, but you don't meet the course and grade requirements, ask your counselor about right-to-try provisions.

CPR-Beginning with the 2015-2016 school year, all students shall be required to receive instruction in cardiopulmonary resuscitation (CPR) and the awareness of the purpose of an automated external defibrillator at least once between ninth and high school graduation. A school administrator may waive this requirement for an eligible student who has a disability. A student may also be excused from this requirement if a parent or guardian of the student objects in writing.

Concurrent Enrollment- Concurrent enrollment allows outstanding junior and senior high school students to take credit-earning college courses. If you are a junior or senior in high school, you may enroll in college courses if you meet the admission requirements and other conditions. High school seniors who meet the eligibility requirements are entitled to receive tuition waivers for up to 18 credit hours. For more information about concurrent enrollment, contact your high school counselor.

All information has been copied from the okcollegeheadstart.org website.

Extra-Curricular Activities

ACADEMICS

National Honor Society
Academic Bowl Competition
Scholastic Meets
Youth and Government

Meteorology Club
Botany Club

ATHLETICS

Girls:

Volleyball
Softball
Cross Country
Track
Swimming
Golf
Tennis
Basketball
Soccer
Cheer
Pom Pon

Boys:

Cross Country
Track
Swimming
Football
Wrestling
Tennis
Golf
Basketball
Baseball
Soccer

FINE ARTS

Mock Trial Competition
Band
Art Club
Genesians (Drama Club)
The Writers Block
Speech and Debate Competition
Jazz Band (Audition)

Ensemble Show Choir (Audition)

FOREIGN LANGUAGE

French Club
Spanish Club

CAREER TECHNOLOGY

FFA (Future Farmers of America)
FCCLA (Family Career Community Leaders of America)

MISCELLANEOUS

FCA (Fellowship of Christian Athletes)
UMD Urban Minority Development
Robotics
Gender and Sexualities Alliance
Social Gamin Club
Native American Club
A.T.L.A.S. (At The Library After School)
Wolf Maker Space (Library – lunchtime)

ACTIVITIES REQUIRING TEACHER/COACH APPROVAL OR SPECIAL CRITERIA

Athletic Managers (approval of coach)
Cheerleaders/Pom Pon (selection by tryout)
Color Guard (audition and teacher approval)
Ensemble/Show Choir (audition)
Jazz Band (audition and teacher approval)
Color Guard (audition and teacher approval)
Student Council (class elections)
Class Officers (class elections)
Yearbook Staff (teacher approval)

Course Descriptions Language Arts

ENGLISH I (2 semesters)

Prerequisite: None. Grade Level: 9

Program Eligibility: Oklahoma's Promise, NCAA

This course integrates the study of grammar, usage, mechanics, and vocabulary with the study of the writing process and literature. While studying a variety of genres, including epic poetry, Shakespearean drama, and nonfiction writing, students continue to use the writing process as they respond critically and creatively to the literature.

PRE-AP ENGLISH I (2 semesters)

Prerequisite: None. Grade Level: 9

Program Eligibility: Oklahoma's Promise, NCAA

The Pre-A.P. course expands upon the requirements of regular English I and requires a summer assignment and additional outside readings/writing assignments. The vocabulary studied is also more advanced and is considered ACT/SAT prep vocabulary. The Advanced Placement Program is a nationally accredited course of study that recommends works to study, which are on the list of outside reading books. The A.P. student must be willing to work hard and be mature and responsible with his/her work.

ENGLISH II (2 semesters)

Prerequisite: English I. Grade Level: 10

Program Eligibility: Oklahoma's Promise, NCAA

This course includes a study of grammar, standard usage, and paragraph structure with development toward writing multi-paragraph essays. Literature incorporated into the course includes short story, novel, essay, drama, and poetry.

PRE-AP ENGLISH II (2 semesters)

Prerequisite: Complete the summer assignment. Grade Level: 10

Program Eligibility: Oklahoma's Promise, NCAA

This course is a continuation of preparation for advanced placement exams in the 11th and 12th grades. Critical analysis of summer readings, outside reading, and class assignments are stressed. Writing skills are reinforced and broadened.

ENGLISH III (2 semesters)

Prerequisite: English II. Grade Level: 11

Program Eligibility: Oklahoma's Promise, NCAA

This course includes a study of composition, a study of basic essay structure, organization, and presentation of ideas applied to expository writing reflecting logic and clear thinking while studying American literature.

AP ENGLISH III (2 semesters)

Prerequisite: Complete the summer assignment. Grade Level: 11

Program Eligibility: Oklahoma's Promise, NCAA

This course includes both the reading and analysis of varieties of discursive prose and the study of the process of writing from the discovery of the topic to the final revised copy. Students study examples of prose from various periods, which serve as models of effective styles. The course offers a variety of writing assignments calling for the use of different styles and tone. Students learn to recognize and work with: kinds and levels of diction, from the casual to the formal; variety of sentence structures; logical and functional relationships of sentences within paragraphs and paragraphs within essays; modes of discourse (narration, description, analysis); aims of discourse (information, persuasion, and expression); various rhetorical strategies (logical, emotional ethical); appropriate relationships among author, audience, and subject.

ENGLISH IV (2 semesters)

Prerequisite: English III. Grade Level: 12

Program Eligibility: Oklahoma's Promise, NCAA

This course utilizes the study of British literature to enhance the understanding and analysis of literature while developing critical thinking skills. The course also concentrates on improving essay-writing skills with a focus on researching.

AP ENGLISH IV (2 semesters)

Prerequisite: Complete the summer assignment. Grade Level: 12

Program Eligibility: Oklahoma's Promise, NCAA

AP English is a course designed to cover the composition skills and the study of literature required on both 12th grade level and college freshman level. A summer reading assignment over novels is required and will be provided. Three hours' college credit is possible for those students who score three or above on the Advanced Placement Exams, which are administered in May

Mathematics

ALGEBRA I SUPPORT (2 semesters)

Prerequisite: None. Grade Level: 9,10

Program Eligibility: None

This course provides additional support to students in their effort to meet the standards of the Algebra I course. This course is taught concurrently with a student's regular math class, giving extra time and utilizing a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses. This course focuses on mastery of the standards being taught in the Algebra I classroom. Opportunities are provided for students to review content with a focus on standards not previously mastered. In this course, students are engaged in doing mathematics, explaining their thinking, and justifying their work. There is also a strong emphasis on building a positive disposition toward learning mathematics. One full year of math credit is earned for this course.

ALGEBRA IA (2 semesters)(Unavailable 2019-2020)

Prerequisite: None. Grade Level: 9

Program Eligibility: None

This course will cover all the traditional topics in a traditional Algebra I course. The slower pace will allow time for intervention as needed. First 2 semesters cover a review of basic math – decimal and fraction operations, as well as integer operations, and solving equations and inequalities, reading and interpreting word problems and understanding functional relationships using graphs, tables and charts. The second two semesters cover polynomial factoring, solving and graphing of linear equations and inequalities, function introductions, rational expressions, application problems and problem solving. Upon successful completion of the (4) four semesters, students will receive credit for Algebra I.

ALGEBRA I (2 semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This course has a heavy emphasis on problem solving and critical thinking prepare students for further study in both

discrete and continuous mathematics. Topics covered include solving equations, algebraic fractions, polynomials, exponents, linear equations and systems, functions, and inequalities with an emphasis on linear equations.

INTERMEDIATE ALGEBRA (2 semesters)

Prerequisite: Algebra I Grade Level: 9 – 12

Program Eligibility: None

Intermediate Algebra is a course that combines some of the essential objectives from Algebra I and Algebra II. Intermediate Algebra is the study of lines, slopes of lines, equations of lines, solving linear and quadratic functions, and an introduction to Geometry.

GEOMETRY (2 semesters)

Prerequisite: Algebra I. Grade Level: 9,10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

Geometry is the development of a mathematical system based upon the use of triangles, polygons, circles, parallel lines, etc. Special emphasis is placed upon logical thinking.

ADV. GEOMETRY (2 semesters)

Prerequisite: Algebra I; teacher recommendation. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

Geometry is the development of a mathematical system based upon the use of triangles, polygons, circles, parallel lines, etc. Special emphasis is placed upon logical thinking. This class is designed for those students that completed Algebra I in 8th grade. It moves at a faster pace than Geometry and delves deeper into the content.

ALGEBRA II (2 semesters)

Prerequisite: Algebra I, Geometry. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This course extends the content of Algebra I to include the complex number systems, exponential relationships, radicals, functions and quadratic equations and graphs.

ADV. ALGEBRA II (2 semesters)

Prerequisite: Algebra I, Geometry, teacher recommendation. Grade Level: 9, 10, 11, 12. Program Eligibility: Oklahoma's Promise, NCAA

This course includes all the topics listed under Algebra II and extends the content to include logarithmic and trigonometric relationships, sequences, series, counting principles, and the introduction of matrices.

TRIGONOMETRY (2 semesters)

Prerequisite: Algebra II. Grade Level: 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This course includes higher degree equations, functions, conics, logarithmic and exponential equations, elements of vector analysis, determinants, sequences, series, and trigonometric functions.

PRE-AP CALCULUS (2 semesters)

Prerequisite: Algebra II, Geometry recommended. Grade Level: 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

Emphasis is on the functional concept as a prelude to continuing the study of calculus. Exponential, logarithmic, polynomial, and trigonometric functions are stressed. Counting principles are studied in-depth and practical use in other areas is shown. Sequences, series, and limits are studied as a means to evaluate the slopes of lines and the areas under curves.

AP CALCULUS AB (2 semesters)

Prerequisite: Trigonometry, Pre-Calculus or teacher approval. Grade Level: 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This course prepares the student to take the AP Calculus AB Exam for which the student may receive college credit. It teaches functions, derivatives, integration, and applications. This is usually the material of one or two-semester college calculus courses.

SURVEY OF COLLEGE PREPARATION MATH (2 semesters)

Prerequisite: Algebra I, Geometry, and Algebra II. Grade Level: 12

Program Eligibility: None

This course is designed for students who plan to attend college, but are not considering majors that rely heavily on advanced math. Survey of College Preparation math will review algebra skills, prepare students for college entrance exams, and familiarize them with advanced algebra and trigonometry functions.

MATH OF FINANCE (2 semesters)

Prerequisite: Algebra I. Grade Level: 10, 11, 12

Program Eligibility: None

Applications of acquiring, handling, spending money will be presented in a manner to review and strengthen Algebra I skills. Topics will sharpen mathematical skills to help students manage their personal finances.

MATH MODELS WITH APPLICATIONS (Algebra for the Real World) (2 semesters) (Unavailable 2019-2020)

Prerequisites: Algebra 1, Geometry. Grade Level: 10, 11, 12

Program Eligibility: None

Students use math skills learned throughout middle school, Algebra I and Geometry as they expand their understanding through other mathematical experiences. Students solve real-life applied problems involving money, data, chance, patterns, music, design, and science. The course will also stimulate students to think about their approach to mathematical learning as well as foster a deeper understanding of the use of math in a real world setting.

STATISTICS AND PROBABILITY (2 semesters) (Unavailable 2019-2020)

Prerequisites: Algebra II, Geometry. Grade Level: 10, 11, 12

Program Eligibility:

None

Statistics acquaints students with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will frequently work on projects involving the hands-on gathering and analysis of real world data. Ideas and computations presented in this course have immediate links and connections to actual events. Computers and calculators will allow students to focus deeply on the concepts involved in statistics.

Science

BIOLOGY I (2 semesters)

Prerequisite: None. Grade Level: 10

Program Eligibility: Oklahoma's Promise, NCAA

Students routinely practice the scientific method by writing lab reports and the appropriate use of lab equipment when making observations in the field of taxonomy/classification, cell structure and function, cellular respiration, osmosis, diffusion, genetics, mitosis/meiosis, compounds and nutrition, energy cycles, botany, photosynthesis, and environmental science.

PRE-AP BIOLOGY (2 semesters)

Prerequisite: None. Grade Level: 10, 11

Program Eligibility: Oklahoma's Promise, NCAA

Many lab experiences, group projects, and individual research encompass the following areas of study: taxonomy/classification, cell structure/function, cellular respiration, osmosis, diffusion, basic genetics, applied genetics, DNA technology, mitosis/ meiosis, basic organic chemistry, energy cycles, basic botany, photosynthesis, human biology, and environmental science. There is an emphasis on molecular biology, genetics, and human biology. This class prepares students to enroll in an AP Biology class.

AP BIOLOGY (2 semesters) Enrollment in AP Science Lab Required (unavailable 2019-2020)

Prerequisites: Pre-AP Biology; Chemistry recommended. Grade Level: 11,12

Program Eligibility: Oklahoma's Promise, NCAA

AP Biology is designed to be the equivalent of an introductory college course for life science majors. The lab work is equivalent to that used in college biology courses. The in-depth and fast paced curriculum includes many labs and readings as well as independent research. Students are eligible to take the National AP Biology exam given in May. Unit tests throughout the year are given in the same format as the National exam, familiarizing the student with the standardized testing. The units of study are organic chemistry, biochemistry, cellular energetics, genetics, cellular biology, botany, human biology, animal biology, diversity of organisms, and ecology.

CHEMISTRY I (2 semesters)

Prerequisite: Physical Science, Algebra I, enrolled in Alg. II Grade Level: 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

Observation and rational processes are emphasized. The structure of the atom, the composition of compounds, reactions, equilibrium, solutions, acids, bases and salts, rates of reactions, and the gas laws are special areas of investigation. An understanding of the effect of the industrial processes on the environment is developed as well as needs for conservation. Laboratory work is employed to develop skills, inquiry, and observation. In addition, there are projects each semester that account for approximately 20% of the semester grade.

PRE-AP CHEMISTRY (2 semesters)

Prerequisite: Algebra II, Advanced Physical Science. Grade Level: 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This accelerated course goes beyond the scope of the traditional Chemistry I course. Additional topics include molecular geometry, colligative properties, electrochemistry, kinetics, equilibrium, and basic organic. Students successfully completing this course are prepared for AP Chemistry.

AP CHEMISTRY (2 semesters) Enrollment in AP Science Lab Required

Prerequisite: Pre-AP Chemistry. Grade Level: 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For some students, this course enables them to undertake, as a freshman, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. Topics covered include atomic structure, states of matter, reaction types, bonding, solution chemistry, molecular models, nuclear chemistry, stoichiometry, equilibrium, kinetics, electrochemistry, and thermodynamics. All students taking this course must also enroll in the AP Science Lab.

HUMAN ANATOMY/PHYSIOLOGY (2 semesters)

Prerequisite: Biology I (Chemistry I recommended) Grade Level: 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This course is designed for those students who want to pursue a profession in medicine, nursing, psychology, and other health areas. This is an extensive study in anatomy of all body systems along with their functions, medical terminology, and disorders. Many small group projects and labs will be included. Short field trips are planned. Various health careers are explored.

PHYSICAL SCIENCE (2 semesters)

Prerequisite: Algebra I Grade Level: 9, 10

Program Eligibility: Oklahoma's Promise, NCAA

This science course is designed to include the study of matter, changes in matter, motion, and energy (heat, sound, light,

electrical, and nuclear) with an emphasis on real world applications.

ADV. PHYSICAL SCIENCE (2 semesters)

Prerequisite: Algebra I, currently enrolled in Geometry/ Algebra II. Grade Level: 9, 10. Program Eligibility: Oklahoma's Promise, NCAA

Students study and apply the basic concepts of both chemistry and physics. Projects and laboratory work are incorporated to reinforce learning. Success in this course requires a great deal of self-discipline to complete assignments outside of class. This class prepares students to enroll in an AP Chemistry or AP Physics.

AP SCIENCE LAB - CHEMISTRY (2 semesters)

Prerequisite: Enrollment in AP Chemistry. Grade Level: 11,12

Program Eligibility: None

All students enrolled in AP Chemistry must also enroll in this course. This allows time for meeting the guidelines set forth by the College Board for the successful implementation of the laboratory portion of the AP curriculum.

AP SCIENCE LAB - BIOLOGY (2 semesters)

Prerequisite: Enrollment in AP Biology. Grade Level: 11,12

Program Eligibility: None

All students enrolled in AP Biology must also enroll in this course. This allows time for meeting the guidelines set forth by the College Board for the successful implementation of the laboratory portion of the AP curriculum.

PHYSICS (2 semesters) (unavailable 2019-2020)

Prerequisites: Algebra I, Geometry, Trigonometry. Grade Level: 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This course is concerned with basic concepts of physical phenomena related to mechanics of motion, matter, energy and basic electricity. There is extensive mathematical problem solving associated with this course. Students are required to complete individual and group projects. Students are exposed to labs, lectures, group discussions and group activities. Lab participation and extensive homework is required.

ENVIRONMENTAL SCIENCE (2 semesters) (Unavailable 2019-2020)

Prerequisite: None Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This course is designed to introduce students to important facts about the natural world and to understand the significance of these facts within the context of major biological concepts. The course will emphasize on the natural environment and the basics of the biological world. Goals and topics will include building a vocabulary that relates to Biology and then use that vocabulary to explain concepts and processes in Environmental Science. Improve skills of observation in the laboratory. Improve the ability to think critically and to make connections between different structures and processes of organisms. Apply the scientific method to carry out experiments that test hypotheses. Manage and analyze lab data presented in graphs and tables. Write reports in a common scientific format. Biological concepts of the cell as the fundamental unit of life. Investigations that integrate the basics of Heredity. Examine the interdependence of organisms. Taxonomy and classification of both plants and animals. Projects will be an important factor to display knowledge of concepts.

PRE AP PHYSICS (2 semesters) (Unavailable 2019-2020)

Prerequisites: Algebra II. Grade Level: 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This class presents the material for the AP Physics B test, primarily Newtonian mechanics and thermal physics. The equivalent on one semester of college physics, some lab work and much outside of class work is required.

AP PHYSICS (2 semesters) (Unavailable 2019-2020)

Prerequisites: Pre AP Physics Grade: 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

This class presents the material for the AP Physics B test primarily electricity and magnetism, waves and optics, and atomic and nuclear physics. It begins with a review of Newtonian mechanics and ends with a preparation for the AP exam. Students work AP problems and essays. Some lab work and outside of class work is required. All must enroll in AP lab.

ZOOLOGY (2 semesters) (Unavailable 2019-2020)

Prerequisite: None. Grade Level: 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

Lectures, lab experiments, field trips, guest speakers, class projects and individual research projects allow for an in-depth introduction to the field of zoology, the study of the animal kingdom. Topics to be covered in this course include origins of

life on earth, evolution of life, taxonomic classification of organisms, genetics, anatomy and physiology of invertebrate and vertebrate animals, preservation techniques, interaction of animal life within specific biomes, and conservation issues. While this class deals mainly with animals, a brief study is made of the interactive rolls of members of the kingdoms Monera, Protista, Fungi, and Plantae.

AP SCIENCE LAB - PHYSICS (2 semesters) (*Unavailable 2019-2020*)

Prerequisite: Enrollment in AP Physics. Grade Level: 11,12

Program Eligibility: None

All students enrolled in AP Biology must also enroll in this course. This allows time for meeting the guidelines set forth by the College Board for the successful implementation of the laboratory portion of the AP curriculum.

Earth Science (2 semesters) (*JTA*)

Prerequisite: None.

Program Eligibility: None

Earth Science is a course intended to explore the designs and patterns of our planet. This course covers such areas as origin, history, and structure of the earth. It also covers forces that cause change on the earth and features of the earth including the crust, water, atmosphere, weather, and climate. Earth Science also includes astronomy and a study of all the planets, the solar system, and galaxies.

Social Studies

AMERICAN HISTORY (2 semesters)

Prerequisite: None. Grade Level: 11

Program Eligibility: Oklahoma's Promise, NCAA

This course is a study of the history of the United States since the era of Reconstruction following the Civil War to the Present—focusing on political, economic, and social events related to industrialization and urbanization; major wars; domestic and foreign policies of the Cold War and Post-Cold War eras. The course will include Reform movements such as the Progressive Movement and the Civil Rights Movement. Students will be able to interpret and analyze historical data.

AP AMERICAN HISTORY (2 semesters)

Prerequisite: None. Grade Level: 11

Program Eligibility: Oklahoma's Promise, NCAA

This survey course provides students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in American History. Students assess historical materials-their relevance to a given interpretive problem, their reliability and their importance and to weigh the evidence on interpretations presented in historical scholarship. Skills are developed to arrive at conclusions on the basis of an informed judgment and present reasons and evidence clearly and persuasively in essay format. Supplementary readings in the form of documents, essays, or books on special themes in economic, cultural, intellectual, and social history, in addition to political-constitutional and diplomatic history are used.

OKLAHOMA HISTORY (1 semester)

Prerequisite: None. Grade Level: 9

Program Eligibility: Oklahoma's Promise, NCAA

This course examines the geographical, social, political, and historical foundations of Oklahoma's development. Special emphasis is given to the Native American foundation of the state as well as the evolution from Indian Territory to statehood. In addition, the development of Oklahoma in the 20th century is examined through economic and political events that have defined Oklahoma.

U.S. GOVERNMENT (1 semester)

Prerequisite: None. Grade Level: 12

Program Eligibility: Oklahoma's Promise, NCAA

This course is a study of the American system of government, which centers on the philosophical and political background, the origin and development of the Constitution, and our present political system.

WORLD CULTURES (1 semester)

Prerequisite: None. Grade Level: 9

Program Eligibility: Oklahoma's Promise, NCAA

This course examines the relationship between the physical environment and the human cultural development of the nine geographic regions on earth. Also emphasized in the course are demographic and cultural aspects, as well as the world distribution of people and resources. In addition, regional aspects of politics, history, economics and society are examined. An emphasis on map and global skills, chart and graph interpretations as well as critical thinking skills are included in the curriculum.

WORLD HISTORY/FINE ARTS (2 semesters)

Prerequisite: None. Grade Level: 10

Program Eligibility: Oklahoma's Promise, NCAA

This course examines the broad world picture of the growth and development of civilization from its beginning to the present. This course is a basis for all history courses in high school. Music and art competencies are earned through this course.

AP WORLD HISTORY/FINE ARTS (2 semesters)

Prerequisite: None. Grade Level: 10

Program Eligibility: Oklahoma's Promise, NCAA

This college level course for motivated students will emphasize the development of civilizations around the world and their interaction with each other. These civilizations are analyzed by examining six different themes over the period A.D. 1000 to the present. These will be balanced coverage of the world with Asia, Africa, the Americans, and Europe each represented. Music and art competencies are earned through this course.

Foreign Language Electives

FRENCH I (2 semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

The study of basic conversation, grammar, vocabulary, and French culture is emphasized. Selected students are included in scholastic contests. All are encouraged to enjoy the beauty of this language. Each student works productively in groups or individually. Some home assignments are necessary to supplement projects in the classroom.

FRENCH II (2 semesters)

Prerequisite: French I. Grade Level: 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

Beginning with a review of French I, the course completes basic knowledge of grammar and verbs. Many students are invited to participate in several contests and to attend a professionally produced French play. All have opportunities to prepare original work in dialogues.

SPANISH I (2 semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

A first-year course designed with numerous and varied opportunities to develop fundamental language skills of listening, speaking, reading, and writing. The practical, conversational format of the class includes learning about culture and grammar. Students work productively in groups or individually. Some home assignments will supplement classroom projects.

SPANISH II (2 semesters)

Prerequisite: Spanish I. Grade Level: 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

A continuation of Spanish I: review of the basic skills, listening, speaking, reading and writing, and extending the student's understanding of the cultural and historical nature of the language. Maps and reports of all Spanish-speaking countries are presented.

SPANISH III (2 semesters) (Unavailable 2019-2020)

Prerequisite: Spanish II, teacher approval. Grade Level: 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

Class provides thorough preparation for a college level Spanish course. The course is taught primarily in Spanish and focuses on listening, speaking, reading, and writing skills through the use of authentic materials.

Language Arts Electives

CREATIVE WRITING (1 semester)

Prerequisite: None Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course is designed to develop students' writing skills. They will learn about various forms of writing, including but not limited to: journalism, poetry, short stories, scripts and advertising. Students will learn poetry writing techniques, such as rhyme, meter and figurative language. Students will also learn how to structure fiction by creating believable characters with strong plot lines in important settings. Students will also write a TV commercial and advertising copy.

ADVANCED CREATIVE WRITING (1 semester) (Unavailable 2019-2020)

Prerequisite: Creative Writing. Grade Level: 10, 11, 12

Program Eligibility: None

This course will focus on the creation of a portfolio of written works that are in many genres. Students will be shown techniques and taught skills that will enhance their ability to connect with readers, using things such as Image Grammar

and a Character Wheel. This class will go beyond the basics of plot, character and setting and immerse the student in an environment where all of the basic elements are unpacked and examined. Just as all people can tell time, everyone can write. But these students will learn how to build a writing like a craftsman builds a clock. Students will write stories as well as poetry, newspaper columns, songs, and even slogans. Students will be encouraged to find their own voices and to apply for writing scholarships. Students will also learn about copyright and how to market their work. They will learn to write query letters and be shown how to use the writer's market resources as well as online resources for sharing and learning.

FILM AS LITERATURE: GENRES (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

Films are viewed and studied in the context of literature. Plot Structure, Setting, Theme, and Characterization are discussed with each film. Films will be shown by Genre: Drama, Comedy, Musical, Western, and several others. Students will be quizzed over films and will have a variety of writing assignments as well.

FILM AS LITERATURE: ADAPTATIONS (1 Semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

Films are viewed and studied in the context of literature. Plot Structure, Setting, Theme, and Characterization are discussed with each film. Films shown will be adaptations of novels and other literary works. Students will be quizzed over films and will have a variety of writing assignments as well.

MYTHOLOGY (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

The study of myths as related to specific cultures, literature, art, music and history.

READING FOR PLEASURE (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course is designed to foster the enjoyment of reading and literature and entice and expand individual student's choice of genre. Students will spend the majority of class time reading self-selected materials. Students will read, discuss, evaluate, and analyze literary works by participating in discussions, small-group activities, response journals, and creative activities. Students will learn to make connections to text from past experience; write a reader's response and dialectic responses to literature; make conclusions, inferences, generalizations, and predictions from texts; summarize, paraphrase, and infer from text; identify and understand literary devices, as well as, apply those devices in various ways; set personal goals and meet them; and monitor their own reading and modify strategies as needed. In addition to books from the library, students will be responsible for purchasing a copy of 1 class selected book.

YEARBOOK (2 semesters)

Prerequisite: Application and advisor approval. Grade Level: 10, 11, 12

Program Eligibility: None

This is a yearbook production course. Topics covered are thematic development, copy writing, headline writing, caption writing, photo and graphic design, advertising and journalistic ethics. Students must plan layouts and adhere to strict deadlines. Due to the nature of the class and the assumption that students will enter with varying degrees of journalistic, yearbook, photographic, and/ or computer experience, all levels of each course objective will be provided.

FUNDAMENTALS OF SPEECH (1 semester) (Unavailable 2019-2020)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course is designed to introduce students to the basics of communication. Students will learn about interpersonal communication, group communication, and public speaking. Students will write and present speeches to inform, to persuade, and to entertain. Students will actively participate in group discussions and the study of the communication model.

ACADEMIC BOWL (2 semesters) (Unavailable 2019-2020)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course will focus on a broad range of information from many subjects. We will research, write and review study questions; we will also improve study habits and test taking techniques to help prepare for competition. Students will learn rules regarding score and time keeping, as well as improve their oral reading skills. Students taking this course are required to participate in and attend regular conference games as players, readers, time or score keepers. They will also attend after school practices at least once a week. Grades will be based on tested study topics, created topical questions, and research projects.

Reading Fundamentals (2 Semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

This course provides additional support to students in their effort to meet the standards of the English I-IV courses. This course will be taught concurrently with a student's regular English class; giving extra time and utilizing a variety of strategies to help students build a stronger foundation for success in their current and future English courses. This course focuses on the mastery of standards needed to be successful in the English classroom.

Social Studies Electives

AFRICAN-AMERICAN HISTORY: HISTORY RECONSTRUCTION TO THE PRESENT (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise

This is a lecture and discussion course in the history of African Americans in the United States. Beginning with Emancipation, the course traces the evolution of black culture and identity and the continuing struggle for freedom and equality. Topics will include the tragedies and triumphs of Reconstruction, interracial violence, black political and institutional responses to racism and violence, the Harlem Renaissance, Jazz, Blues, and the Civil Rights and Black Power movements. Students will be presented with a variety of primary and secondary source materials; timely and careful reading of these sources will prepare students for class discussions. Students will be confronted with conflicting bodies of evidence and challenged to analyze these issues and arrive at conclusions for themselves. Music and film will supplement classroom lectures and discussions.

NATIVE AMERICAN STUDIES (1 semester)

Prerequisite: Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise

This course allows students to expand their knowledge of American Indian cultures and to strengthen their skills in writing, research, critical thinking, and problem solving. The class allows students to explore the study of Native American Tribes and their cultures through hands-on activities, personal research, and observation; as well as seeing tribes through historical, artistic, and political viewpoints. The class is presented largely from a Native American perspective.

PSYCHOLOGY (1 semester) (unavailable 2019-2020)

Prerequisite: None. Grade Level: 11, 12

Program Eligibility: None

Psychology examines the processes of sensation perception, response to stimuli, emotions and motivations, personality, human development, and mental disorders. This course provides an understanding of the intricacies of the human mind, the nervous system, human cognitive and emotional development, as well as the adjustments necessary to adapt to their environments as individuals.

SOCIOLOGY (1 semester) (Unavailable 2019-2020)

Prerequisite: None. Grade Level: 11, 12

Program Eligibility: None

Sociology examines the ways people interact with one another. We learn about relationships within groups, social institutions, families, and the organizations of society. Students will also examine the expectation roles and norms required by society, in order to become functional members of our culture.

SPORTS HISTORY (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This history elective will examine the development of sports in America. The focus will be to help students gain a better understanding of the inner relationship that sports has on social, economic, cultural, and political forces at work in the United States as well as around the world. Students will also examine the significance of race, gender, ethnicity, and social class in the world of sports.

SPORTS OFFICIATING (1 semester)

Prerequisites: None. Grade Level: 9, 10, 11, 12

Program Eligibility:

None
This course will teach the fundamentals and skills necessary for officiating sports (football, basketball, softball and baseball) at any level. It will also focus on developing an officiating philosophy, understanding the psychology of officiating, being physically prepared to officiate, understanding the responsibilities of officiating and knowing how and where to work as an official. Students will be prepared to take certification test for baseball, basketball, football, and softball. Students will have an opportunity to take certification exams at the student's cost.

Business Electives

BUSINESS COMPUTER APPLICATIONS I (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise

This class is designed to introduce word processing, Internet, and database to students. It will begin with a short review of

the keyboard and typing skills. Students will move to the word processing section which covers letter, memos, tables and reports; the Internet section will be a brief view of the internet-user process; and the database unit will cover basic skills and uses for database. This is a beginning level class designed to provide students with basic computer skills. This course will include the 14 components of Financial Literacy.

GENERAL BUSINESS (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

Students are introduced to the basic economics of the United States free enterprise system. The student learns about business organization, management, technology, finance and the world of work. The student identifies the consumer's role in business and how it affects the business market and its selling price. Students complete a simulation learning to write checks and balance a monthly statement.

DESKTOP PUBLISHING (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise

This course is designed to introduce the art of desktop publishing. Students learn to incorporate graphics with text in varying styles and formats to produce a wide range of documents: newsletters, resumes, flyers, letterheads, brochures, and advertisements.

MULTIMEDIA APPLICATIONS (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise

Computing skills are developed to support today's technologies. Sound, video, clip art, typing in text and creating with paint tools are used. The students use a scanner and color printer, quick take camera, snappy, etc. in their projects. The main software is Hyperstudio with exploration of other presentation software and CDs.

ADVANCED DESKTOP PUBLISHING (1 semester) (unavailable 2019-2020)

Prerequisite: Desktop Publishing Grade Level: 10, 11, 12

Program Eligibility: Oklahoma's Promise

Students will use skills learned in Desktop Publishing to create advanced document using graphics, scanned documents, and information downloaded from the Internet. Students will be required to create a series of publications from various sources and using color printing.

IMAGE DESIGN & EDITING I (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's Promise

This course introduces users to the editing capabilities of Adobe Photoshop software. Students learn how to use the Adobe Photoshop interface and access its expansive set of features. Lessons cover the basics of saving and storing image files and defining the various processes used for image editing. Students also learn how to apply color and photo imperfection corrections, and image cutout techniques. A camera SD card is required and having a digital camera is recommended.

IMAGE DESIGN & EDITING II(1 semester)

Prerequisite: Passing grade from Image Design & Editing I. Grade Level: 10, 11, 12 Program Eligibility: Oklahoma's Promise

This class will explore uses of the camera, photo editing techniques, graphic layout and design and journalism storytelling using both the written word and photographs.

ECONOMICS (1 semester)

Prerequisite: None. Grade Level: 10, 11, 12

Program Eligibility: Oklahoma's Promise, NCAA

In a survey of macro and micro economics, major topics covered are scarcity, opportunity cost and market system, competition, the law of supply and demand, our money and banking system, the role of government, the U.S. economy, and international economics. Our approach uses current news, audiovisuals, and simulations to illustrate the importance of economics in our daily lives.

MONEY MANAGEMENT (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

Students are introduced to personal finance. Students learn skills and knowledge necessary to make sound financial decisions. Topics include budgeting, financial planning, banking, and taxes.

ACCOUNTING I (2 semesters)

Prerequisite: None. Grade Level: 10, 11, 12

Program Eligibility: None

This course is designed to introduce the student to double-entry accounting. The student uses a workbook in both

semesters as well as practice simulation set.

BUSINESS COMPUTER AND COMMUNICATIONS (1 semester) *(Unavailable 2019-2020)*

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: Oklahoma's

Promise

This class will introduce the Microsoft suite as a form of communication in the world of business. Students will become proficient in their use of word, excel and database and how those skills are used in business careers. This course will include the 14 components of Financial Literacy.

Fine Arts Electives

Dramatic Arts

DRAMA I (2 semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

Drama I is offered to learners who are new to high school theatre and who want to learn basic theatrical skills. This is a survey course with an emphasis on acting and theatre heritage. Drama I learners will study the cultural contribution of theater, its structure, the play, and its performance.

DRAMA II (2 semesters)

Prerequisite: Drama I. Grade Level: 10, 11, 12

Program Eligibility: None

This course is the study of acting techniques, concentrating on special performances. Students prepare for play performances as well as duet acting, monologues, prose and poetry, reading and learning to direct play scenes. In-depth technical and Shakespeare units are studied. Students are involved in 3 plays.

DRAMA III (2 semesters)

Prerequisite: Passing grade in Drama II. Grade Level: 11, 12

Program Eligibility: None

Drama 3 learners will continue the study of theater with greater emphasis, on the historical evolution and cultural contributions of Theater, production styles, and performance. Learners study basis components of production and apply them through performance. Production work required. Enrollment in the course constitutes agreement to fulfill all curricular, co-curricular, and extra-curricular requirements.

DRAMA IV (2 semesters)

Prerequisite: Passing grade in Drama III. Grade Level: 12

Program Eligibility: None

Drama 4 learners will do advanced work in acting, directing, and set design, and will continue the study of theater

STAGECRAFT (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course covers the physical elements of theatre: set building, lighting, props, costumes, makeup/hair, and sound. Some film/video editing will be included. This is a hands-on course where students will work with tools and equipment.

COMPETITIVE SPEECH/DEBATE (2 semesters) *(unavailable 2019-2020)*

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course covers competitive oral interpretation such as humorous and dramatic interpretation, duet acting, prose, and poetry reading. The course also covers debate, including Lincoln-Douglas, Cross-Examination, and Public Forum. Extemporaneous and persuasive speaking is covered as well. Students may be required to compete in tournaments on Fridays and Saturdays throughout the school year.

PLAY PRODUCTION (1 semester)

Prerequisite: Drama I. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course covers all aspects of play production (sets, costumes, makeup, props, lighting) including play writing, directing, and acting. Directing techniques, business management skills, and methods of acting, designs, and construction are taught in this class. Interrelationships of all aspects of theatre are emphasized.

Musical Arts

BAND (2 semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

The Shawnee High School Band performs for many school activities, civic sponsored events, and state/national competitions. Marching band, pep band, and other small ensembles are outward enhancements of the concert band.

Students build mature musical and technical skills.

JAZZ BAND ENSEMBLE (2 semesters)

Prerequisite: Enrollment in Band. Grade Level: 9, 10, 11, 12

Program Eligibility: None

The Jazz Ensemble studies the basic elements of jazz and the various styles of jazz through performance. Emphasis is given to community performances and state competitions.

COLOR GUARD (1 semester)

Prerequisite: Audition. Grade Level: 9, 10, 11, 12

Program Eligibility:

None
This class emphasizes flag and drill to function with marching band. Students that wish to try out for color guard should contact the sponsor or the band director.

MUSIC APPRECIATION (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This is a course that includes exploring the basics of music and music around the world. Genre study (Classical, Broadway, Rock, Acoustic, etc.) is included in this course.

FRESHMAN WOMEN'S CHORALE (2 semesters)

Prerequisite: None. Grade Level: 9

Program Eligibility: None

Freshman Women's Chorale is a non-audition group that consists of 9th grade girls that desire to build and develop their vocal skills (rhythm, pitch, intonation, mechanics, etc.). Performance tour opportunities will be available for this choir, as well as performances at selected festivals, conventions, and civic organizations at the state and national levels. Out of school rehearsals, performances, and activities are part of the course grade. These activities are integral elements that support and extend learning in the classroom.

MIXED CHOIR (2 semesters)

Prerequisite: None. Grades: 9, 10, 11, 12

Program Eligibility: None

Mixed Choir is a non-audition group that emphasizes excellent ensemble singing and individual vocal development. A wide variety of the finest and most difficult choral literature from all style periods will be performed. This is a very competitive choir that requires dedication and a willingness to improve as a vocalist. Performance tour opportunities will be available for this choir, as well as performances at selected festivals, conventions, and civic organizations at the state and national levels. Out of school rehearsals, performances, and activities are part of the course grade. These activities are integral elements that support and extend learning in the classroom.

ENSEMBLE/SHOW CHOIR (2 semesters)

Prerequisite: Teacher approval. Grade Level: 9, 10, 11, 12

Program Eligibility:

None
This course is designed for a select group of students who will be chosen by the director to compete, perform and travel to festivals and concerts. *Students must audition for this course.

BEGINNING GUITAR (1 semester)

Prerequisite: None. Grades: 9, 10, 11, 12

Program Eligibility: None

This course is designed to provide a positive learning experience for students through the development of guitar skills. Students will learn basic guitar playing techniques, tuning and instrument care, how to read music notation, learn to read music as it relates to the guitar, read melodies, chords and scales. Student will perform different music styles. A recital will be held in the spring. Students will be required to provide their own guitar.

ADVANCED WOMEN'S CHORUS (2 semesters)

Prerequisite: Teacher approval. Grade Level: 10, 11, 12

Program Eligibility:

None
This advanced, performing group will be made up of 10-12th grade girls that are not a part of the mixed choir. This group will be in addition to all the other choral performing ensembles offered at Shawnee High School. The course content will include the artistic processes of creating, performing, and responding to music. Students will select, analyze, interpret, rehearse, evaluate, and refine their musical techniques and performances.

SELECT CHOIR (2 semesters) (Unavailable 2019-2020)

Prerequisite: Audition. Grades: 9, 10, 11, 12

Program Eligibility: None

This class is an auditioned choir of experienced singers. This group shares responsibility of singing the National Anthem at numerous athletic events throughout the school year. This class will also perform a minimum of three performances and one contest a year. Students are encouraged to participate in Solo and Ensemble contest.

Visual Arts

DESIGN BASICS (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility:

None

An introductory course for freshmen or upper level beginners. Four disciplines of art history, production, aesthetics and criticisms will be explored through a variety of media and techniques.

DRAWING I (1 semester)

Prerequisite: Successful completion of Design Basics. Grade Level: 9, 10, 11, 12

Program Eligibility: None

A foundation course in drafting for advanced work in creative art. This course presents a focus on graphic expression and composition by utilizing various drawing mediums.

PAINTING I (1 semester)

Prerequisite: Successful completion of Design Basics. Grade Level: 9, 10, 11, 12

Program Eligibility: None

A foundation course in wet media for advanced work in creative art. This is an advanced course in graphic expression and composition utilizing various painting mediums.

CERAMICS I (1 semester)

Prerequisite: Design basics. Grade Level: 9, 10, 11, 12

Program Eligibility: None

A hands-on foundation course in exploring both decorative and functional works in clay. This course focuses on ceramics formed by hand and wheel.

STUDIO ART PRE-AP (2 semesters)

Prerequisite: Design Basics and instructor's permission Grade Level: 10, 11, 12

Program Eligibility: None

This course is a preliminary course to prepare students for Advanced Placement Studio Art. Students will receive instruction in the elements of art and principles of design and their relationship to pictorial composition in two-dimensional applications.

STUDIO ART AP (2 semesters)

Prerequisite: Design Basics, Studio Art Pre-AP, and instructor's permission. Grade Level: 11, 12

Program Eligibility: None

This course is a college level course in creative art. This course develops and sustains an ongoing investigation of a student's mastery of complex and difficult design problems through the building of a portfolio, which contains three sections: *quality, concentration and breadth*. Students who enroll in this course must be mature, focused and able to work independently.

SCULPTURE I (1 semester)

Prerequisite: Successful completion of Design Basics. Grade Level: 9, 10, 11, 12

Program Eligibility: None

A hands-on foundation course in exploring technique and expression in three-dimensional materials such as clay, plaster, stone and other plastic mediums.

AP VISUAL ART PORTFOLIO DEVELOPMENT (1 semester) (Unavailable 2019-2020)

Prerequisite: AP, 2 Dimensional or 3 Dimensional Art. Grade Level: 11 & 12

Program Eligibility:

None

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content drawing, painting, printmaking, mixed media, traditional photography, digital photography, ceramics, sculpture, jewelry and/or new media and emerging technologies that demonstrate understanding of design principles as applied to a 2-dimensional or 3-dimensional surface.

ADVANCED 2-D DESIGN (1 semester) (Unavailable 2019-2020)

Prerequisite: Successful completion of Design Basics. Grade Level: 9, 10, 11, 12

Program Eligibility: None

An advanced course in creative art designed to study the elements and principles of art and their relationship to pictorial composition in two-dimensional applications.

ADVANCED 3-D DESIGN (1 semester) (*Unavailable 2019-2020*)

Prerequisite: Design Basics and Advanced 2-D Design. Grade Level: 10, 11, 12

Program Eligibility: None

An advanced course in creative art designed to study the elements and principles of art their relationship to three-dimensional media

STEM Electives

Intro. to Aerospace Engineering Design Principles (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

This course includes comprehensive, hands-on training that gives you all the vital skills and information you need to start piloting drones safely and legally. In addition to teaching safety best practices and piloting skills, we cover the types of flight systems available, their capabilities, and which one would be best for your use; we discuss how drones can be used in business and industry applications, and how to apply drone technology to bring efficiencies to business; and we review drone photography and videography. In addition, this course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

Intro. to Robotics and Computer Science (2 Semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

This course will introduce an engineering principles approach to problem solving including research, cost analysis, prototype development, testing, evaluating, and communicating results. Students will work as robotics teams to solve problems, practice safety, and improve communication skills. Computer technology credit will be earned through the completion of this course.

Physical Education Electives

CHEER/POM PON (1 semester)

Prerequisite: 2.5 grade point, 90% attendance record, spring tryouts prior to each school year.

Grade Level: 9, 10, 11, 12

Program Eligibility: None

Purpose of cheer teams is to promote school spirit and to support all organized athletic teams. A large investment of time is required of all cheer team members throughout the school year and summers. Participation in practice sessions and camps are required during the summer. Students who wish to try out for a cheer team should contact their respective sponsor, principal or the athletic/activities director for any additional requirements and information.

COMPETITIVE ATHLETICS (1 to 2 semesters)

Prerequisite: Coach and Athletic Director approval. Grade Level: 9, 10, 11, 12

Program Eligibility: None

Students who possess a heightened degree of skill and a great desire to compete with other O.S.S.A.A. member schools may enroll in various sports in which high levels of competition are conducted. The following competitive sports are available. After school practice is required during season. Possible sports are Baseball, Basketball, Cross Country, Football, Golf, Tennis, Soccer, Track, Softball, Volleyball, Swimming, Wrestling

HEALTH & WELLNESS (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility:

None Students will participate in various physical fitness activities such as, but not limited to: basketball, soccer, stretching, calisthenics, and other lifelong sports activities. Emphasis will be on participation in exercise activities to enhance the student's physical fitness. Specific health and wellness topics provide the framework for this class which is designed to present current information on such issues as: fitness, nutrition, diets, substance abuse, HIV/AIDS education, etc. Students will receive instruction in CPR and awareness of the purpose of an automated defibrillator. Grading is based on daily work, test grades, and on participation and effort. This course satisfies the district health requirement.

OUTDOOR EDUCATION (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course exposes students to various outdoor lifetime activities. Students will learn advanced lifesaving skills, train in first aid and have the opportunity to become CPR certified. Students will learn hunter education and have the opportunity to earn their Oklahoma Hunter Safety Card. Other areas of study will include Advanced Archery, Fishing skills and Orienteering. Students will receive instruction in CPR and awareness of the purpose of an automated defibrillator.

ATHLETIC TRAINING/SPORTS MANAGEMENT (1 to 2 semesters)

Prerequisite: Coach and Athletic Trainer approval. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course deals with handling equipment used in sports, generally distributing and maintaining inventory. The student manager/trainer reports to the head coach of the sport of which the manager is involved. The manager being on the field may also help coaches with first aid and injury management.

PERSONAL FITNESS (1 semester) (*Unavailable 2019-2020*)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility:

None

Students will participate in various physical fitness activities such as, but not limited to: basketball, soccer, stretching, calisthenics, and other lifelong sports activities. Emphasis will be on participation in exercise activities to enhance the student's physical fitness. This course satisfies the district health requirement.

FIRST AID AND CPR (1 semester) (*Unavailable 2019-2020*)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility:

None

This course exposes students to a variety of subject matter related to first aid and CPR. Students will learn advanced life saving skills, be trained in first aid and have the opportunity to become CPR certified. Students will learn how to make healthy choices in regards to nutrition and exercise. Students will be pre/post tested on fitness levels, participate in various modes of exercise and construct a personal fitness plan. Students will have an opportunity to take certification exams at the student's cost. This course satisfies the district health requirement.

Boys and Girls Athletic Conditioning (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility:

None

The purpose of the program is to develop athletes to their greatest potential. The goals of the program are: (1) to develop the large muscle groups of the body, (2) to increase speed and quickness, (3) to increase flexibility, (4) to improve the cardiovascular system, and (5) to develop greater confidence in one's ability.

Career Technology Electives

Family and Consumer Science

(Not all classes are offered every year)

FAMILY AND CONSUMER SCIENCE I (2 semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This course is designed to provide students with basic information in career and life skills. In this course learn the basics of cooking, sewing and communication skills. This a project based course. Activities include but are not limited to: making pancakes, omelets and more: sewing pajama pants, and designing own bedroom Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

INTERIOR DESIGN I (2 semesters)

Prerequisite: None Grade Level: 9,10, 11, 12

Program Eligibility: None

In this course students are introduced to the ins and outs and decisions necessary to acquire housing, from renting to working with realtors. Students learn how to use the elements and principles of design to furnish and decorate a home. Students will be introduced to careers in Interior Design and Housing industries. Activities will include but are not limited to creating floor plans, creating wall art, and designing a living space. Membership in FCCLA is encouraged but not required for this course.

LIFETIME NUTRITION & WELLNESS (2 semesters)

Prerequisite: None. Grade Level: 9,10, 11, 12

Program Eligibility: None

A laboratory course in which students use nutrition knowledge to make informed choices to promote lifetime wellness, the importance of healthy eating and physical activity across the lifespan. Students will learn safe food handling practices, healthy menu planning and food preparation techniques, and how to recognize sources of stress and healthy strategies to reduce the impact of stress on total wellness. Needs of the competitive athlete are also addressed. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

HUMAN GROWTH & DEVELOPMENT (2 semesters)

Prerequisite: None. Grade Level: 10, 11, 12

Program Eligibility: None

In this course, students examine human development across the lifespan. From newborn to older adulthood, people continue to develop and change physically, cognitively, socially, and emotionally. Family trends, cultural diversity, health, and safety are included. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

FOODS AND NUTRITION (1 semester) (Unavailable 2019-2020)

Prerequisite: None. Grade Level: 10, 11, 12

Program Eligibility: None

This course increases knowledge and skills in nutrition, consumer food planning, purchasing and preparation. Eating disorders and special diets are supplemental areas. Attention is focused on employment in food-related occupations, and developing social and entertainment skills.

CULINARY BASIC SKILLS (1 semester) (Unavailable 2019-2020)

Prerequisites: None. Grade Level: 10, 11, 12

Program Eligibility: None

This course is an introduction to the history of food service and kitchen fundamentals such as safety, sanitation, kitchen equipment and kitchen basics. Nutrition as it relates to food preparation is also covered. The ServSafe certification by National Restaurant Association may be taught/obtained during this course. Students learn preparation and quantity food production skills in breakfast foods, sandwiches, salads, garnishes, fruits, vegetables, potatoes and grains. Students will learn proper terminology and use of equipment applicable to the preparation of these foods. The importance of teamwork in the food service environment is also emphasized.

Agriculture

(Not all classes are offered every year)

INTRODUCTION TO AGRISCIENCE I (2 semesters)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility: None

Formerly called Ag I, this course is designed to introduce students to the world of agriculture. Upon completing this course, students will be able to understand and apply basic concepts in Animal Science, Plant Science, Ag Mechanics, Record Keeping, Public Speaking, and Leadership. It will also give students the opportunity to compete in activities through the FFA. Course content will include: history of agriculture, introduction to the FFA, agricultural economics & record keeping, agriculture products & consumer awareness, public speaking basics, plant science, animal science & care of animals, and power & technology.

AGRICULTURAL POWER & TECHNOLOGY (2 semesters)

Prerequisite: Successfully completed Introduction to Agriscience I. Grade Level: 10, 11, 12

Program Eligibility: None

This block of courses is designed to help students develop skills used in several metal fabrication and construction industries. Students will learn proper safety procedures used in the shop along with hands-on skills in the areas of welding, cutting, and use of power tools. Course content will include shop safety, SMAW (stick welding), MIG (wire welding), Oxy-Gas cutting, Plasma Arc cutting, and project construction & repair. This course may also include electricity, plumbing, and woodwork.

AGRISCIENCE PRINCIPLES AND APPLICATIONS (2 semesters) (Unavailable 2019-2020)

Prerequisite: Successfully completed Introduction to Agriscience I. Grade Level: 10, 11, 12

Program Eligibility: None

Formerly called Ag II, is designed to give students a broad perspective on agriculture with units including animal science, plant science, natural resources and mechanics.

INTRODUCTION TO ANIMAL SCIENCE (2 semesters)

Prerequisite: Successfully completed Introduction to Agriscience I. Grade Level: 10, 11, 12

Program Eligibility: None

This course is designed to introduce students to the basics of Animal Science. Students in this course will be introduced and complete work in the following areas: livestock safety, animal genetics & selection, nutritional feeding & additives, reproductive anatomy & fertility, breeding management, parturition & newborn care, livestock health fundamentals, diseases & parasites, vaccines & medications, market grades & classifications, and marketing.

ENVIRONMENTAL SCIENCE & NATURAL RESOURCES (2 semesters) (Unavailable 2019-2020)

Prerequisite: Successfully completed Introduction to Agriscience I. Grade Level: 10, 11, 12

Program Eligibility: None

This course is based on the Agriculture, Food and Natural Resource (AFNR) Career Cluster Content Standards. Students

will be introduced to and complete work in the following areas environmental safety, environmental resource management, energy conservation, soil conservation, wetland management, forest & wildlife ecology, hydrologic principles, aquatic ecology, air pollution & recreational resources.

INTRODUCTION TO AGRICULTURE COMMUNICATION (2 semesters) (*Unavailable 2019-2020*)

Prerequisites: Introduction of Agriscience. Grade Level: 10, 11, 12

Program Eligibility: None

This course is designed to enhance the public speaking abilities of the Agriculture Education students at Shawnee High School. The content presented in the course will expand upon the students' basic public speaking/communication skills learned in Ag I. Introduction to Agriculture Communications will encourage students to become more aware of their surroundings and help them improve their public speaking skills. In addition, students will have the opportunity to prepare and present speeches at local, regional, area, state, and national competitions.

INTRODUCTION TO HORTICULTURE (2 semesters) (*Unavailable 2019-2020*)

Prerequisite: Successfully completed Introduction to Agriscience I. Grade Level: 10, 11, 12

Program Eligibility:

None

This course is designed to introduce students to a variety of topics relating to horticulture such as ornamental plants, floriculture, propagation and landscape maintenance.

General Electives

ACT PREPARATION (1 semester)

Prerequisite: Algebra I; Algebra II and/or Geometry preferred Grade Level: 10, 11, 12

Program Eligibility: None

This course reviews the basic skills necessary to be successful on the ACT English, Act Math and Science Reasoning Test. Focus will be in the areas of punctuation, grammar and usage, sentence structure, literary terminology, and context associated with prose passages. All pre-algebra, algebra, geometry, trigonometry skills will be reviewed. Emphasis will be on reasoning skills and interpretation of graphs and charts. Time will be spent on test-taking skills and basic test-taking strategies.

STUDENT COUNCIL (2 semesters)

Prerequisite: GPA of 3.0 or above, teacher approval. Grade Level: 9, 10, 11, 12

Program Eligibility: None

This class is for elected representatives of SHS student body. Communication between students, faculty, administration and the community is the goal of the class. This leadership skills class involves the planning and preparation for student body activities for the school year.

LEADERSHIP II (2 semesters)

Prerequisite: Application/teacher approval Grade Level: 11, 12

Program Eligibility: None

Students will develop leadership skills and abilities and foster an increased understanding of civic responsibilities and social obligations. Students will plan, implement and review community and school projects while interacting with community businesses.

MOCK TRIAL (1 semester)

Prerequisite: None. Grade Level: 9, 10, 11, 12

Program Eligibility:

None
Mock Trial is a national competition wherein students assume the roles of witnesses and attorneys to litigate a fictitious case. Each team must represent both sides of the case against opposing teams. It is not unlike other team sports where members must work together to create a game plan, execute it, make mid-course corrections and respond to an opponent's counter punches. It is a game of preparation, and wit; presentation and grit in both performance and teamwork. It is a true test of persuasive skill sets and think on your feet responses. There is nothing that can compare to it in a student's career.

Internship I (1 Semester)

Prerequisite: None. Grade Level: 11, 12

Program Eligibility: None

This course provides work-based activities in which students engage in learning through practical and relevant experiences at various internship sites. Internships are targeted to the students' meaningful future plans and allow high school juniors and seniors the opportunity to explore careers that require additional degrees, certifications or on-the job training following high school. Model internships are planned, structured, and evaluated by both the site supervisor and the internship coordinator. Effective internships provide opportunities for students to develop an understanding of the career area duties and responsibilities, terminology, climate, protocol, and other pertinent information that will enable interns to analyze and revise their meaningful future plans. Selection criteria will involve an application process.

Internship II (1 Semester)

Prerequisite: None. Grade Level: 12

Program Eligibility: None

This course is a continuation of allowing work-based activities established in the previous year to engage students in learning through practical and relevant experiences at various internship sites. Internships are targeted to the students' meaningful future plans and allow high school juniors and seniors the opportunity to explore careers that require additional degrees, certifications, or on-the-job training following high school. Model Internships are planned, structured and evaluated by both the site supervisor and the internship coordinator. Effective internships provide opportunities for students to develop an understanding of the career area duties and responsibilities, terminology, climate, protocol, and other pertinent information that will enable interns to analyze and revise their meaningful future plans. Selection criteria will involve an application process. Available internships are determined on a yearly basis.

Career Awareness (1 Semester)

Prerequisite: None. Grade Level: 12

Program Eligibility: None

This course is designed to help students develop and explore post secondary goals as well as college and career planning. The curriculum for the course will cover a variety of topics including organizational and time-management skills, collaborative learning, service-learning, goal setting and career exploration.

Transition Skills (1 Semester)

Prerequisite: None. Grade Level: 12

Program Eligibility: None

This one semester course is designed to provide students with fundamental workplace knowledge and skills to succeed in any career. Students will develop the soft skills, personality traits, personal management, and basic technology skills desired by employers. Students will explore techniques to manage their personal life, financial life, and career preparation.

Work-based Learning (1 Semester)

Prerequisite: None. Grade Level: 12

Program Eligibility: None

Students may apply for jobs to obtain high school elective credit.

The Work Study Program provides students an opportunity to meet their academic requirements for graduation while gaining valuable work experience along with the ability to earn credits and a paycheck. Through this business experience, they will build the knowledge, skills and self-confidence to be successful in higher education, in the workplace and in life. Students participating in this program will attend their academic classes daily and be granted an "early dismissal" or "late entry" to participate in employment during school hours. In addition, students will learn job skills in order to pursue training in a future career. Students are responsible for their own transportation to and from their work sites.

Student Assistant Courses

OFFICE PROCEDURES (1 or 2 semesters)

Prerequisite: Overall GPA of 2.75 / Counselor and Principal Approval Grade Level: 12

Program Eligibility: None

This course helps students understand the role of the modern office in today's business world. Students learn school-to-work transition on how to communicate and interact effectively with co-workers, employers, and the public. Class is pass/fail.

LIBRARY SCIENCE (1 or 2 semesters)

Prerequisite: Library Media Specialist and Principal approval Grade Level: 11, 12

Program Eligibility: None

The purpose of this course is to teach students the basic skills adaptable to all types of libraries and to encourage students to use libraries for continuing self-education. Students circulate, shelve, maintain, and process the book collection. They may operate and process audio-visual equipment. Class is pass/fail.

LAB ASSISTANT (1 or 2 semesters)

Prerequisite: Three lab sciences completed and have an overall GPA in the sciences of a 3.5 or above. Former science teacher approval, head of the science department approval. Grade Level: 11, 12

Program Eligibility: None

Students may choose to be an assistant in either physical or life science. They are expected to work in cooperation with all teachers in that area. Duties include lab preparation, post lab cleanup, equipment checkout, equipment maintenance, and maintaining inventory in an organized manner. Student assistants are asked to spend a minimal amount of time for training after school as a group.

ADAPTIVE SKILLS ASSISTANT (1 or 2 semesters)

Prerequisite: None. Grade Level: 11, 12 Teacher and/or Counselor/Principal Approval

Program Eligibility:

None

This course is for students interested in working with students with disabilities. Students work directly with a special education teacher during one class period each day.