



# COURSE OFFERINGS 2022-2023

## BARTLESVILLE HIGH SCHOOL

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### ADMINISTRATION

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### **CURRICULUM – COURSE OFFERINGS 2022 – 2023**

The information provided in this book has been prepared to assist each student in developing a long-term program of academic preparation and to select the courses for the upcoming school year. A study of the course offerings reveals the diversity of the curriculum and the many options and alternatives which have been developed. These allow each student to individualize the course of study chosen so that personal objectives may be met.

Students must adhere to all graduation requirements of the State of Oklahoma. The superintendent is directed to establish regulations which support this policy. All students are required to be enrolled in six or more classes for credit. Students who lack more than one unit of required credit for graduation from Bartlesville High School will not be permitted to participate in the graduation exercises.

This booklet is a synopsis of the courses to be offered during the 2022-2023 school year. It is designed to help students and parents select courses for the upcoming year.

### **COURSE SELECTIONS**

Students and their parents should carefully consider the curriculum offerings prior to determining course selection. Teachers and counselors will assist students and parents in course selections and in planning for the future. Consideration should be given to each of the following:

- Prerequisites
- Special interests and aptitudes
- Post-high school plans
- Specific graduation requirements (NCAA or NAIA)
- Oklahoma's Promise

Course selection decisions must be firm as the master schedule is based on student selections.

### **BARTLESVILLE HIGH SCHOOL GRADUATION/ENROLLMENT REQUIREMENTS**

The Board of Education of Bartlesville School District makes every effort to maintain high standards of performance in the public schools while maintaining sensitivity to the individual needs, abilities, and interests of the students. The graduation policy was developed to establish minimum standards for graduation, to encourage maximum participation in the availability of opportunities, and to ensure compliance with state regulations.

So that students may fully enhance their social, physical, and intellectual maturity, it is expected that each student will spend four years in high school prior to graduation. Only in very exceptional cases may a student be allowed to graduate with less than four years in high school. Senate Bill 982 requires students entering the ninth grade to enroll in the College Preparatory/Work Ready Curriculum. Students may opt out to the State Core Curriculum only with parent/legal guardian written permission.



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**SCHEDULE CHANGES**

**Changing Classes**

The class schedule for the 2022-2023 school year will be constructed to fit the needs indicated by spring course selection. Students may request schedule changes **during the first five (5) days of each semester** for the following reasons **only**:

- To make up failures
- Computer error
- Outside credit earned
- Misplacement due to lack of prerequisite or background

Administrators may change student schedules during the first nine (9) days of the semester to address class sizes, staffing, and/or other issues.

**Dropping a Class**

Beginning with the tenth day of each semester, **courses which are dropped will be noted on the transcript as withdraw (W)**. Students who enroll in courses after the first nine (9) days of school may receive **No Credit (NC)** for the **semester** as a general policy. This regulation applies to students who enroll for the first time after nine (9) days of school if these students bring no prior credit for the semester and to currently enrolled students who drop a class after the first nine (9) days in class. The building principal may use discretion to review **any** case and render a decision that is in the best interest of a student and that is consistent with the goals and philosophy of the school district.

According to OSSAA rules and regulations schedule changes after the first ten days of the semester will result in a 3 week period of ineligibility. The first day of the ineligibility period is the day the schedule change is made. If a student drops from an AP or Honors course with a passing grade to another course within the same discipline, he or she is exempt from the fifteen-day period of ineligibility.

**REPEATING COURSES**

Some performance-based courses may be repeated for credit (see individual courses descriptions). Students may request to repeat other courses which they have previously completed with a passing grade. Credit, however, will not be extended toward the minimum units required for graduation, and the grades made in the repeated courses will not replace prior grades. **All grades are reflected on the transcript and are calculated in GPA.**

**EARLY GRADUATION**

Students who wish to graduate prior to the completion of eight semesters of high school attendance should submit a written request to the senior high principal no later than one full semester before the proposed graduation date.

**CREDIT RECOVERY**

Students may take online courses, summer school &/or night school to make up failed courses.

**SPECIAL PROGRAMS**

Non-traditional classes are available to students through written team approval. Non-traditional classes that require committee and/or principal approval include the Bruin Academy and online courses.

Gifted education is provided for those students identified as intellectually gifted. These students are served through Advanced Placement and Honors courses at the High School level.

"All programs, positions, and services (curricular or extracurricular) in the Bartlesville Public Schools are open to persons regardless of sex, race, religion, marital status, national origin, or political affiliation; provided, however, participation rights may be withdrawn for disciplinary reasons (unbecoming conduct, violation of rules or laws, etc.)." (BHS Student Handbook)

**TESTING REQUIREMENTS**

Students will take all state-required tests.



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**GRADUATION REQUIREMENTS**

Students must complete the College-Preparatory Graduation Curriculum Requirements or the State Graduation Requirements to fulfill the academic requirements necessary to graduate from Bartlesville High School.

See the Core Coursework Required for Oklahoma Public University Admissions Requirements to view additional recommended coursework (view private and out-of-state college admission websites for their specific requirements.)

<b>College-Preparatory Graduation Curriculum Requirements</b>					
<b>Oklahoma’s Promise Scholarship Curriculum (more information on page 7)</b>					
4 credits of Language Arts: Grammar, Composition, Literature, or any English course approved for college admissions.					
3 credits of Science:	1 unit of Biology and 2 additional units of Science. 1 unit must be selected from the Physical Sciences (Chemistry, Honors Chemistry, Physics Inquiry, AP Physics I, or Physical Science.)				
3 credits of Mathematics:	3 units limited to Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Calculus, Advanced Placement Statistics, or any math course with content and/or rigor above Algebra I and approved for college admission requirements. *Three math credits must be earned 9-12 <sup>th</sup> .				
3 credits of Social Studies:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">½ unit Oklahoma History</td> <td style="width: 50%;">1 unit World History or European History AP</td> </tr> <tr> <td>1 unit United States History</td> <td>½ unit United States Government</td> </tr> </table>	½ unit Oklahoma History	1 unit World History or European History AP	1 unit United States History	½ unit United States Government
½ unit Oklahoma History	1 unit World History or European History AP				
1 unit United States History	½ unit United States Government				
2 Credits of World Language: 2 units of the same World Language or non-English language –OR–					
2 Credits of Computer Tech.: 2 units of Computer Technology, excluding keyboarding or typing courses					
1 Additional Credit: 1 additional unit selected from the courses listed above, Intro. Psychology, Psych. AP, or Sociology.					
1 unit of Fine Arts/Speech: One unit/set of competencies of fine arts, such as music, art, or drama, OR one unit of speech.					
6-8 Electives					
Financial Literacy Competencies: Students shall fulfill the requirements for a Personal Financial Literacy Passport.					
CPR Instruction/AED Awareness: All students shall receive instruction in CPR and AED awareness.					
<b>Total: 23 Units of Credit</b>					

<b>State Graduation Curriculum Requirements (Parent Approval Required)</b>					
4 Language Arts: Grammar, Composition, Literature, or any English course approved for college admission requirements					
3 Mathematics:	1 unit Algebra I and 2 units selected from Algebra II, Geometry, Trigonometry, Math Analysis, Pre-Calculus, Calculus, Statistics, Computer Science, or other mathematics courses with content and/or rigor equal to or above Algebra I. *Three math credits must be earned in grades 9-12 <sup>th</sup> .				
3 Science:	1 unit of Biology and 2 additional Laboratory Sciences				
3 Social Studies:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">½ unit Oklahoma History</td> <td style="width: 50%;">1 unit of World History or European History AP</td> </tr> <tr> <td>1 unit United States History</td> <td>½ unit United States Government</td> </tr> </table>	½ unit Oklahoma History	1 unit of World History or European History AP	1 unit United States History	½ unit United States Government
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9 Elective Credits					
Financial Literacy Competencies: Students shall fulfill the requirements for a Personal Financial Literacy Passport.					
CPR Instruction/AED Awareness: All students shall receive instruction in CPR and AED awareness.					
<b>Total: 23 Units of Credit</b>					

<b>HIGH SCHOOL CORE CURRICULUM REQUIREMENTS FOR OKLAHOMA PUBLIC 4-YEAR UNIVERSITY ADMISSION</b>		
<b>English</b>	4 units	Grammar, Composition and Literature
<b>Mathematics</b>	3 units	Algebra I, Geometry, Algebra II and above (does not include Math of Finance)
<b>Laboratory Science</b>	3 units	Biology, Chemistry, Physical Sciences, Physics or any lab science certified by school district
<b>History and Citizenship Skills</b>	3 units	Must include 1 unit of American History and 2 units from the subjects of History, Economics, Geography, Government, Civics and/or Non-Western Culture
<b>Other</b>	2 units	From any of the subjects above or Computer Science or World Language

**Four additional units are also recommended for college preparation:** 1 unit of mathematics, 1 unit of laboratory science, and 2 units of speech or fine arts (music, art, or drama). First-time entering students must meet assessment requirements before enrolling in college-level courses. See the State Regents’ *Assessment Policy* for more information. **CHECK SPECIFIC COLLEGE/UNIVERSITY FRESHMEN ADMISSIONS WEBSITES FOR MORE INFORMATION.**

**GRADUATION WITH HONORS**



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To earn honor distinction in a particular discipline, students must complete the course of study outlined by the chart below **and must earn an unweighted GPA of 3.0 or higher in each discipline considered for honor distinction.** Students who complete at least one honors track will wear a gold tassel at graduation and special recognition will be printed on the graduation program.

English	English 9 Grammar and Composition Honors English 10 Literature & Composition Honors AP English Language and Composition AP English Literature and Composition
Mathematics	Algebra I Honors Geometry Honors Algebra II Honors Pre-Calculus <b>and at least <u>one</u> of the following:</b> AP Calculus AB AP Calculus BC AP Statistics
Science	Biology I Honors Chemistry I Honors <b>and at least <u>two</u> of the following:</b> AP Biology II AP Chemistry II AP Physics
STEM	OPTION 1: Computer Science pathway: Three courses from the following, at least <u>two</u> of which must be Computer Science: AP Computer Science Principles AP Computer Science A Computer Science Cybersecurity Science Research *And at least one of the AP Courses listed below.  OPTION 2: Pre-Engineering pathway: Introduction to Engineering Design Principles of Engineering *And at least one of the AP Courses listed below.  <b>*At least <u>one</u> of the following AP Courses:</b> AP Calculus AB AP Calculus BC AP Statistics, AP Biology II AP Chemistry II AP Physics
World Language	World Language I World Language II World Language III AP World Language and Culture
Art	Four units of advanced art classes that include Art I Honors, Art II Honors and AP Drawing, 2D or 3D
History	Two of the following three courses: AP U.S. History AP U. S. Government & Politics AP European History
Psychology	A 3.0 GPA in the required core social studies classes with no grade below a C. No grade below a C in any social studies elective. An A or B in Intro to Psychology <b>and</b> AP Psychology
Music	Four units of performing musical arts (i.e., band, orchestra, chorus, select choir) <b>and</b> AP Music Theory with a minimum grade of C in AP Music Theory

STUDENT-ATHLETES



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**NCAA ELIGIBILITY REQUIREMENTS**

Students planning to compete in NCAA collegiate athletics must meet minimum NCAA Initial Eligibility standards for GPA, core course completion and ACT/SAT scores. It is the parent’s and student’s responsibility to track progress toward meeting the NCAA requirements.

For complete information and to register students with the NCAA, go to: [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

Division I*	Division II	BHS Courses Currently Approved by NCAA Check the NCAA Eligibility Center for the most up-to-date list. <a href="http://www.eligibilitycenter.org/courselist">www.eligibilitycenter.org/courselist</a>
16 core units required	16 core units required	
4 English	3 English	English 9 Grammar & Composition, English 9 Grammar & Composition Honors, English 10 Literature & Composition, English 10 Literature & Composition Honors, English 11 American Lit College Bound, AP English Language & Composition, English 12 British Lit College Bound, AP English Literature & Composition, Competitive Debate, Speech, Creative Writing
3 Math	2 Math	Algebra I, Algebra I Honors, Geometry, Geometry Honors, Algebra II, Algebra II Honors, Algebra III, Pre-Calculus, College Algebra/Trig, AP Calculus AB, AP Calculus BC, AP Statistics, AP Computer Science A, AP Computer Science Principles
2 Science	2 Science	Biology I, Biology I Honors, Physical Science, Active Chemistry, Chemistry I, Chemistry I Honors, AP Chemistry II, AP Biology II, AP Physics 1, Physics Inquiry, Environmental Science, Anatomy & Physiology
1 Additional English, Math or Science	3 Additional English, Math or Science	Any from approved English, Math or Science
2 Social Science	2 Social Science	Oklahoma History, World History, AP European History, US History 1878-Present, AP US History, Government, AP Government & Politics, Current Events, Economics, Intro to Psychology, AP Psychology, Sociology, Native American & Frontier Studies, Advanced Exploration of Oklahoma
4 Extra Core	4 Extra Core	Any listed above, , French I, French II, French III, German I, German II, Spanish I, Spanish II, Spanish III, Spanish IV, Spanish V, AP Spanish Language & Culture

\*In order to participate as a Full Qualifier at Division I schools, students must complete 10 of the 16 core courses before the seventh semester (senior year) of high school. Seven of the ten core courses must be in English, math, or science. The complete NCAA Guide for the College-Bound Student-Athlete is available on the NCAA Eligibility Center website.

**NAIA**

Students who wish to participate in athletics at an NAIA member institution must be certified by the NAIA Eligibility Center to qualify academically and be cleared as an eligible student-athlete for competition. For complete information go to <http://www.PlayNAIA.org>.



### Oklahoma’s Promise Scholarship

#### ELIGIBILITY REQUIREMENTS

To be eligible to enroll in Oklahoma’s Promise, a student must meet the following requirements:

- an Oklahoma resident
- enrolled in the 8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> grade in an Oklahoma high school
- Be a student whose parents earn \$60,000 or less per year. \*

#### High School Requirements:

The following requirements must be completed by the time the student graduates from high school:

- The student must have at least a 2.5 cumulative GPA for all course work attempted in grades 9-12.
- The student must also complete the following 17-unit OK Promise/College Preparatory Curriculum and achieve at least a 2.5 cumulative GPA for the 17-unit curriculum.

Students must strictly follow the curriculum listed below. Be aware that some courses that qualify for high school graduation requirements do not qualify for Oklahoma’s Promise requirements.

4	<b>English</b> (grammar, composition, literature; courses should include an integrated writing component)
3	<b>Lab science</b> (Biology, Chemistry, Physics or any lab science certified by the school district; General science with or without a lab may <b>not</b> be used to meet this requirement.)
3	<b>Mathematics</b> (Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Pre-Calculus, Statistics, Calculus, Advanced Placement Statistics)
3	<b>History and Citizenship skills</b> (including 1 unit of American History and 2 additional units from the subjects of History, Economics, Geography, Government and/or Non-Western Culture.)
2	<b>Foreign or non-English language</b> (two years of the same language) <b>OR</b> <b>Computer Technology</b> (two units in programming, hardware, or business computer applications such as word processing, databases, spreadsheets, and graphics will qualify. Keyboarding or typing classes do not qualify.) <b>(1 foreign language &amp; 1 computer course will not meet this requirement.)</b>
1	<b>Additional Course</b> of any of the subjects listed above or psychology, sociology or any concurrent liberal arts & science course at a State System college/university.
1	<b>Fine Arts</b> (music, art, drama) <b>OR</b> <b>speech</b>
17	<b>Total Units Required</b>

#### The student must also agree to:

- Attend school regularly and do homework regularly.
- Refrain from substance abuse.
- Refrain from criminal or delinquent acts and do not abuse drugs or alcohol.
- Have schoolwork and school records reviewed by an appropriate school official.
- Apply for other financial aid during your senior year of high school.
- Take part in Oklahoma’s Promise activities that will prepare you for college.
- Must be a U.S. citizen or lawfully present in the US at the time they enroll in college to receive the scholarship.
- When requested, provide information to the Oklahoma State Regents for Higher Education or the State Board of Education; and participate in program activities.

*\*In addition, the federal adjusted gross income (AGI) of the student’s parents (or the income of the student if the student is officially determined to be financially independent of their parents) may not exceed \$100,000 at the time the student begins college and prior to receiving the scholarship. This income limit will be applied each year the student is enrolled in postsecondary education.*



**Individual Career Academic Plans-ICAP/Course Selections**







At Bartlesville Public Schools, we want all students to be successful after high school. Success means students can get a good job that matches their passions and interests and pays well.

All students will complete an Individual Career Academic Plan, often referred to as ICAP. The ICAP Program will give students a personalized roadmap to use when navigating college or career plans after high school – one that ensures they are ready for their next steps and excited about the future. The ICAP includes the following components: academic/career planning, goal setting, college and career ready assessments and work-based learning.

A student’s Individual Career Academic Plan will include the following activities:

- Students will complete an online career assessment each year to explore their career interests, learn career skills and begin connecting their interests to career fields.
- Students will update their career and postsecondary goals each year as they learn about new opportunities. This process will include completing a Four-Year Academic Plan that reflects their post-secondary plans, including specific Career Fields.
- Students will complete required state and federal assessments and College and Career Readiness Assessments (ACT or SAT).
- Students will annually update their academic courses and progress in those courses.
- Students will also list any career technology programs or concurrent enrollment courses that reflect progress toward their individual career pathways.
- Students will complete, at minimum, one service learning or work environment activity, which may include participation in job shadowing and internships, before graduation.

\*During enrollment, students are encouraged to select courses based on their selected Career Field and review this selection yearly. The career fields, clusters, and example careers students explored and learn about as part of the ICAP Curriculum, *BHS & Beyond*, are noted below.

Career Field	Career Pathway	Example Careers
Environmental and Agricultural Systems 	Agriculture, Food & Natural Resources	Animal scientist, machine operator, veterinarian, welder, wildlife biologist
Health Sciences 	Health Science	Dentist, doctor, home health care specialist, nurse, pharmacist, physical therapist
Communication and Information Systems 	Arts, A/V Technology, & Communications	Painter, sculptor, illustrators, animators, Commercial Photographer, Interior Designer, Actors, Music Directors, Composers, Film Editors, Writers, Illustrators, Journalists, Editors, Announcers, Web Administrators, Computer Support Specialists, Computer Programmers, Software Engineers, Video Game Designers
Industrial, Manufacturing and Engineering Systems 	Manufacturing Transportation, Distribution, and Logistics, STEM (Science, Technology, Engineering, and Mathematics), Architecture & Construction	Instrument maker, machine operator, precision layout worker, welder, Automotive service technician, engine specialist, mechanic, Aerospace engineer, civil engineer, electrician, industrial engineer, Architect, carpenter, construction engineer, planner/designer
Business, Marketing, and Managements 	Marketing Finance Business Management & Admin. Hospitality & Tourism	Business owner, CEO, entrepreneur, sales promotion manager, accountant, auditor, benefits specialist, economist, Entrepreneur, business owner, general manager, Baker, caterer, kitchen manager, restaurant owner
Human Services and Resources 	Human Services Law, Public Safety, Corrections, and Security Government and Public Admin. Education and Training	Banker, consumer credit counselor, financial advisor, preschool teacher, religious leader, social services worker, EMT, firefighter, paramedic, police officer/detective, rescue worker, sheriff, lawyer, city/county clerk, commissioner, mayor, military specialist, policy advisor, senator, child care specialist, teacher





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**CONCURRENT ENROLLMENT**

Qualified eleventh-grade or twelfth-grade students may have the opportunity to be enrolled concurrently in high school and college courses. Qualification to participate is based on student performance as evidenced by ACT or SAT scores, grade point average and class rank, PSAT Score or Pre-ACT Score.

**Cost**

Tuition is free for up to 18 credit hours per year at Rogers State University; however, **students are required to pay all other expenses including fees, books, tuition above 18 hours per year, etc.** Similar options may be available through other public universities (OU, OSU, etc.) and private universities like Oklahoma Wesleyan University. Some universities (including RSU) also charge application fees. *Check the university website for info.*

**Admission/Enrollment Steps**

- 1) Students must meet state concurrent enrollment guidelines. *Check the university website for details.*
- 2) Each student choosing concurrent enrollment must request their BHS Transcript.
- 3) Each student must sign the Concurrent Policy Guidelines Agreement provided by BHS.
- 4) Complete the college application and provide the transcript to the College Admissions Office to enroll.
- 5) Enrollment in courses must be verified by submitting a copy of his/her college class schedule to the BHS counselor. A student’s BHS schedule will be finalized AFTER this information is received.
- 6) The student must sign a form at the college releasing his or her grades to the Registrar at BHS.
- 7) The student MUST communicate with their high school counselor before they drop a college course. A decision to drop a course must be communicated with the university before the final withdrawal date.

**It is recommended for Enrollment Steps #1-4 be completed by:**

- May 21 for fall classes
- November 15 for spring classes
- April 15 for summer classes

**Grades/High School Transcript**

Final grades for the college courses will be reported on both the student’s college and high school transcripts. College courses taken through concurrent enrollment will count toward high school credit and calculated in the grade point average and rank in class. College Courses do not count towards *Graduation with Honors* from BHS.

The following higher education courses commonly taken through concurrent enrollment have been reviewed by the Bartlesville Public School District and approved for dual academic credit:

BHS			Rogers State		OKWU	
Course	Course Name	Credits	Course	Name	Course	Name
006543	Algebra III	1	MATH 1513	College Algebra	MATH1603	College Algebra
004008	English 12 British Literature	0.5	ENGL 1113	Composition I	ENGL1103	Composition I
004009	English 12 British Literature	0.5	ENGL 1213	Composition II	ENGL1203	Composition II
005426	U.S. History	1	HIST 2493	American History since 1877	HIST 1313 HIST 1223	American Tradition to Present US History 2
005540	Government	0.5	POLS 1113	American Federal Government	POLS1103	US Government
Other courses will be transcribed as elective credit						

“When a student earns college credit through concurrent enrollment, school districts shall provide academic credit for any concurrently enrolled higher educational courses that are correlated with the academic credit awarded by the institution of higher education. Academic credit shall only be transcribed as elective credit if there is no correlation between the concurrent enrollment higher education course and a course provided by the school district.” 70 O.S. § 628.13.



**Bartlesville High School Four-Year Plan  
Graduation Planning Worksheet**

**FRESHMAN YEAR**

**SOPHOMORE YEAR**

FRESHMAN YEAR		SOPHOMORE YEAR	
1st Semester	2nd Semester	1st Semester	2nd Semester
English 9 English 9 Honors	English 9 English 9 Honors	English 10 English 10 Honors	English 10 English 10 Honors
Algebra I Geometry Honors Algebra II Honors	Algebra I Geometry Honors Algebra II Honors	Geometry Honors Algebra II Honors Pre-Calculus	Geometry Honors Algebra II Honors Pre-Calculus
Physical Science Biology I Honors	Physical Science Biology I Honors	Biology I Chemistry I Honors	Biology I Chemistry I Honors
Oklahoma History	Elective	World History AP European History	World History AP European History
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
7 <sup>th</sup> Period (or Alternate)	7 <sup>th</sup> Period (or Alternate)	7 <sup>th</sup> Period (or Alternate)	7 <sup>th</sup> Period (or Alternate)
Alternate	Alternate	Alternate	Alternate

**JUNIOR YEAR**

**SENIOR YEAR**

JUNIOR YEAR		SENIOR YEAR	
1st Semester	2nd Semester	1st Semester	2nd Semester
English 11 American Liter. AP English Language	English 11 American Liter. AP English Language	English 12 American Liter. AP English Literature	English 11 American Liter. AP English Literature
Algebra II Honors Pre-Calculus Calculus AB or BC AP Statistics	Algebra II Honors Pre-Calculus Calculus AB or BC AP Statistics	US Government	Elective
Environmental Science Active Chemistry Chemistry I AP Biology II AP Physics AP Chemistry II	Environmental Science Active Chemistry Chemistry I AP Biology II AP Physics AP Chemistry II	1 Additional College Prep. Course (4 Math & Science Recommended.)	1 Additional College Prep. Course (4 Math & Science Recommended.)
US History AP US History	US History AP US History	Elective (4 Math & Science Recommended)	Elective (4 Math & Science Recommended)
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
7 <sup>th</sup> Period (or Alternate)	7 <sup>th</sup> Period (or Alternate)	7 <sup>th</sup> Period (or Alternate)	7 <sup>th</sup> Period (or Alternate)
Alternate	Alternate	Alternate	Alternate

**COURSES TAKEN IN MIDDLE SCHOOL FOR HIGH SCHOOL CREDIT**

A few students may have taken courses in middle school that will count for high school credit-Algebra I, Geometry, and Spanish I.

1st Semester	2nd Semester	1st Semester	2nd Semester



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**Introduction to Agriscience**

Full Year – 1.0 unit of credit

Prerequisite: None

Course Number: 8004

Grade Level(s): 9

This course is the foundational course for Agricultural Education. This course is a prerequisite for students wishing to enroll in future agricultural education courses. Introduction to Agriculture, Food, and Natural Resources (AFNR) introduces students to the range of agricultural opportunities and the pathways of study they may pursue. Science, mathematics, reading, and writing components are woven in the context of agriculture and students use the introductory skills and knowledge developed in this course throughout the CASE curriculum.

While surveying the opportunities available in agriculture and natural resources, students learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. Students investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

Students enrolled in Agricultural Education courses are members of the National FFA Organization. FFA is a dynamic youth organization that changes lives and prepares members for premier leadership, personal growth, and career success through agricultural education. Bartlesville FFA members have opportunities on the local, state, and national levels, including chapter meetings, community service projects, competitions, conventions, leadership conferences, and camps.

***Students enrolled in Agricultural Education courses are not required to own or show livestock.***

Units include:

- Agricultural Education -
  - Agriculture, FFA, and SAE
- Communication Methods
- Science Processes
- Natural Resources
- Plants and Animals
- Agricultural Power and Technology

**Introduction to Plant and Soil Science**

Full Year – 1.0 unit of credit

Prerequisite: Introduction to Agriscience

Course Number: 8006

Grade Level(s): 10

This course serves as the bridge between Introduction to Agriscience and skill-specific courses. Introduction to Plant and Soil Science is an intermediate-level course teaching students the form and function of plant systems. Student experiences include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting.



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Students learn how to apply scientific knowledge and skills to use plants effectively for agricultural and horticultural production. Students discover the value of plant production and its impact on the individual, the local, and the global economy.

Units include:

- Worlds of Opportunity
- Mineral Soils
- Soilless Systems
- Anatomy and Physiology
- Taxonomy
- The Growing Environment
- Plant Reproduction
- Surviving a Harsh Environment
- Crop Production and Marketing

### **Introduction to Animal Science**

Full Year – 1.0 unit of credit

Prerequisite: Introduction to Agriscience

Course Number: 8012

Grade Level(s): 10

This course serves as the bridge between introduction to Agriscience and skill-specific courses. Introduction to Animal Science is an intermediate-level course engaging students in hands-on laboratories and activities to explore the world of animal agriculture.

Student experiences involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. Throughout the course, students consider the perceptions and preferences of individuals within local, regional, and world markets. Students investigate, experiment, and learn about documenting a project, solving problems and communicating their solutions to their peers and members of the professional community.

Units include:

- Background and Social Issues of Animal Science
- Anatomy and Physiology
- Nutrition
- Reproduction
- Genetics
- Animal Health
- Animal Science



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**Introduction to Agricultural Power & Technology**

Course Number: 8009

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

Prerequisite: Intro to Plan & Soil Science, Intro to Animal Science

Introduction to Agricultural Power & Technology is based on the Agriculture, Food, and Natural Resources (AFNR) Career Cluster Content Standards. Students typically take this course after completing Introduction to Agriscience. The course builds upon the concepts learned from Agriscience Explorations and Introduction to Agriscience.

Units include:

- General Safety
- Hand and Power Tools
- Welding and Cutting Safety
- Oxyfuel Applications
- Plasma Arc Cutting
- Welding Fundamentals
- Shielded Metal Arc Welding
- Gas Metal and Tungsten Arc Welding
- Agricultural Construction and Fabrication
- Electrical Tools and Safety
- Electricity Principles
- Engine Safety and Maintenance
- Geospatial Technologies

**Introduction to Agricultural Communications**

Course Number: 8022

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

*1 unit of Fine Arts (Speech) competencies*

*Oklahoma's Promise Approved*

Prerequisite: Intro to Plan & Soil Science, Intro to Animal Science

Introduction to Agricultural Communications is designed to introduce students to topics related to promoting agriculture through a variety of media sources. This is a specialized course for students interested in pursuing a career in communications.

Units include:

- Communication Theory
- Photographic Journalism
- Business Writing and Resumes
- Journalistic Writing
- Broadcasting Media
- Graphic Design
- New Media
- Creating Presentations
- Delivering Presentations



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**BUSINESS**

**Introduction to Business**

One Semester – 0.5 unit of credit  
Prerequisite: None

Course Number: 2406  
Grade Level(s): 9, 10, 11, 12

Introduction to Business will introduce you to the exciting and challenging world of business. Through the information and activities in this course you will increase your preparation to be a knowledgeable consumer, well-prepared employee, and effective citizen in our economy. This course will serve as a background for other business courses including Accounting, Business Law, and Introduction to Sports Media and Entrepreneurship. These courses will help prepare you for future employment or business ownership and make you a better-informed citizen for an expanding international economy.

**Business Law I**

One Semester – 0.5 unit of credit  
Prerequisite: None

Course Number: 002150  
Grade Level(s): 11, 12

Do you know your rights if you are stopped by a law enforcement officer? We want students to be informed of their rights and obligations in business and personal legal dealings. We will review the law as it relates to our daily lives and have discussions and updates on current events and cases in law. The court system, criminal and civil law, and valid contracts will be subjects of our study. For further study of the law and legal applications, we suggest students enroll in Business Law II.

**Business Law II**

One Semester – 0.5 unit of credit  
Prerequisite: Completion of or concurrent enrollment in Business Law I

Course Number: 002151  
Grade Level(s): 11, 12

This course is designed to help students better understand the legal world in which they live. Students will expand their vocabulary and sharpen their abilities to think critically, analytically, and systematically by looking at real-life problems and actual cases that have been decided by the courts. Students will be better equipped to recognize legal problems, utilize professional counsel, and make decisions by weighing the rights of all involved. Current cases and events in the news will be the basis of discussions.



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**Accounting I**

Full Year – 1.0 unit of credit

Prerequisite: None

Course Number: 002111

Grade Level(s): 11, 12

Accounting students will learn to plan, keep, and analyze financial records. Accounting procedures covered will include those for all types of businesses. Students will learn to maintain financial records, interpret financial statements, and analyze elements of accounting essential to the operation of a **business**. This course is recommended for all students for its value in keeping both personal and business financial records and especially for students who are going to pursue a career in business. Included in the curriculum is the learning and use of automated accounting software and procedures.

**Entrepreneurship**

One Semester – 0.5 unit of credit

Prerequisite: None

Course Number: 002231

Grade Level(s): 10, 11, 12

Are you a risk-taker? Would you enjoy a lively course that is guaranteed to help you understand what you read and hear about business? Learn about the free enterprise system and use this knowledge to organize and operate a class business. Students will be responsible for all aspects of the business and gain invaluable information about supply, demand, problem solving, decision making, and other economic concepts.

**Personal Financial Literacy**

One Semester – 0.5 unit of credit

Prerequisite: None

Course Number: 121451

Grade Level(s): 12

This course will help students understand their financial responsibilities as citizens, students, family members, consumers, and active participants in the business world. Personal Financial Literacy will provide students with opportunities for self-awareness, expression, and satisfaction in a highly technical and competitive society. Discover new ways to maximize earning potential, develop strategies for managing resources, explore skills for the wise use of credit and gain insight into the different ways to invest money. This course provides the curriculum needed for students to meet the state requirements for Personal Financial Literacy Passport required for graduation.



**COMPUTER TECHNOLOGY**

**Computer Applications I**

One Semester – 0.5 unit of credit  
*0.5 unit of Computer Technology*  
Prerequisite: None

Course Code: 25511  
Grade Level(s): 9, 10, 11, 12

In this relevant technology course, students will enjoy hands-on experience with a variety of computer applications. This interesting curriculum will explore activities in the modern technologies of virtual reality, robotics, programming, graphic design, website creation, photo editing, webcasting, moviemaking, and Microsoft Office Suite. Working individually and collaboratively students will become innovative designers, creative communicators, and empowered learners while recognizing the importance of being a productive digital citizen.

**Business Computer Applications**

One Semester – 0.5 unit of credit  
*0.5 unit of Computer Technology*  
Prerequisite: None

Course Number: 002127  
Grade Level(s): 9, 10, 11, 12  
*Oklahoma's Promise Approved*

This course is an introduction to word processing, spreadsheets, databases, and presentations and the integration of these applications. Curriculum will include Microsoft Office software, the most popular integrated software package today. This course is recommended for both college-bound students and those ready to enter the workplace.

**Advanced Business Computer Applications**

One Semester – 0.5 unit of credit  
*0.5 unit of Computer Technology*  
Prerequisite: Business Computer Applications

Course Number: 002128  
Grade Level(s): 9, 10, 11, 12  
*Oklahoma's Promise Approved*

This course is an in-depth study of the advanced features of word processing, spreadsheets, databases, and presentations. Curriculum will include Microsoft Office software.

**Desktop Publishing I**

One Semester – 0.5 unit of credit  
*0.5 unit of Computer Technology*  
Prerequisite: Business Computer Applications

Course Number: 1272557  
Grade Level(s): 10, 11, 12  
*Oklahoma's Promise Approved*

Students will use Microsoft Publisher and Adobe Photoshop to produce business documents such as flyers, calendars, leaflets, and items. Students will be able to format photos, manipulate graphics, and use color design to create professional documents using bitmap imaging.





**Desktop Publishing II**

One Semester – 0.5 unit of credit  
*0.5 unit of Computer Technology*  
Prerequisite: Desktop Publishing I

Course Number: 002559  
Grade Level(s): 10, 11, 12  
*Oklahoma's Promise Approved*

Students will be using Adobe InDesign and Illustrator to produce a variety of documents for personal and professional use. Students will be able to create advertisement logos and designs using vector imaging. Students will expand on their knowledge of basic page layout, design, and composition.

**Web Page Design I**

One Semester – 0.5 unit of credit  
*0.5 unit of Computer Technology*  
Prerequisite: Advanced Business Computer Applications

Course Number: 2556  
Grade Level(s): 11, 12  
*Oklahoma's Promise Approved*

In this course, students will be planning, designing, and launching a complete website. Students will be introduced to the web development life cycle and the use of HTML and CSS. In addition students will learn how to use Adobe XD, the latest program created for web page mock-ups and prototypes, intended specifically for planning websites and mobile applications.

**Web Page Design II**

One Semester – 0.5 unit of credit  
*0.5 unit of Computer Technology*  
Prerequisite: Web Page Design I

Course Number: 2557  
Grade Level(s): 11, 12  
*Oklahoma's Promise Approved*

In this course, students will be introduced to Adobe Dreamweaver and Adobe Animate. Students will learn advanced web design and create their own website. In addition, students will learn how to use an integrated set of tools to develop interactive designs and animations which can be delivered on websites, computers, and mobile devices.



**MEDIA STUDIES & JOURNALISM**

**Broadcasting I**

Full year – 1.0 unit of credit  
Prerequisite: None

BHS Course Number: 41111  
Grade Level(s): 9, 10, 11, 12

Broadcasting I will give students an introduction to the broadcasting world. Students will learn camera operation and audio techniques while producing video projects. Students will also gain valuable television experience producing projects for BruinTV. In the process, students will learn video, audio, and production skills for live events. Students will be doing on-camera work for the school and community. Students will be required to participate in after school assignments throughout the semester.

**Advanced Broadcasting**

Full year – 1.0 unit of credit (may be repeated for credit)  
Prerequisite: Broadcasting I or teacher approval

BHS Course Number: 41122  
Grade Level(s): 9, 10, 11, 12

Advanced Broadcasting will build on the knowledge learned in Broadcasting I to include storytelling and editing with Premiere Pro. This class will be responsible for the BruinTV Video Announcements each week. Students in this class will also be tasked with other video assignments throughout the semester. Students will be required to participate in after school assignments throughout the semester.

**Journalism I**

Full year – 1.0 unit of credit  
Prerequisite: None

Course Number: 4111  
Grade Level(s): 9, 10, 11, 12

Journalism I explores the history and contemporary role of mass print media in the United States. Students in this course will examine the basic features of journalism and journalistic writing, current trends in format and publishing techniques, graphics and design in newspapers, web and magazines and photojournalism. This course is a prerequisite for higher level journalism courses.

**Photojournalism**

Full year – 1.0 unit of credit (may be repeated for credit)  
Prerequisite: Journalism I

Course Number: 4110  
Grade Level(s): 10, 11, 12

This course emphasizes composition techniques and provides the opportunity to cover newsworthy events using digital SLR cameras and editing software. In addition, students will complete a photojournalism assignment that requires research and organizational skills. Students will use digital SLR cameras and photo-editing software to enhance photos for both quality and color. Students will develop a portfolio of work that is completed through a self-guided pursuit of interests. Students must be highly motivated and organized to succeed in this class. This class prepares photographers for higher level journalism classes.



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**Magazine Writing and Design**

Course Number: 4109

Full year – 1.0 unit of credit (may be repeated for credit)

Grade Level(s): 10, 11, 12

Prerequisite: Journalism I or Photojournalism; requires application and teacher approval

This class is a learning lab in which students create various student magazines under the guidance of an adviser. Students learn design and photographic composition skills. Emphasis is placed on such writing skills as clarity, sentence variety, syntax and journalistic style rules. Students are expected to edit copy and design. Students will work with each other to develop layouts and create and gather all elements necessary for spreads: photographs, captions, graphics, copy and ethics consistent with responsible journalism. All students will also be required to sell advertising.

**News Media Production Advanced Journalism**

Course Number: 4112

Full year – 1.0 unit of credit (may be repeated for credit)

Grade Level(s): 9, 10, 11, 12

Prerequisite: Previous experience and/or teacher permission; requires application and teacher approval

This combined course offers students practical experience in the elements and processes of producing student news media including current industry standard desktop publishing software. Assignments and deadlines may require occasional evening work prior to publication. Summer workshop is encouraged but not required, except for editors.

**Yearbook Production Advanced Journalism**

Course Number: 4240

Full year – 1.0 unit of credit (may be repeated for credit)

Grade Level(s): 10, 11, 12

Prerequisite: Previous experience and/or teacher permission; requires application and teacher approval

This class produces the yearbook. This encompasses financing the yearbook, learning the process for publishing a yearbook, developing the theme, and distributing the completed book. The course includes cropping and proportioning pictures, planning layout, creating typography and graphic designs, editing and proofing all material, evaluating costs of production, learning responsibility by meeting deadlines, creativity, and communication with the publisher.



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**Driver Education**

One Semester – 0.5 unit of credit

Prerequisite: None

Course Number: 002710

Grade Level(s): 9, 10, 11, 12

*Courses are provided the hour before school, after school, and in the summer (June and July).*

*Passage of 8th grade reading exam is not necessary for enrollment in Driver's Ed, but it is necessary in order to qualify for a permit.*

This course is designed to meet the standards established by the State Department of Education. All students must complete at least **six hours** of "behind-the-wheel" instruction and **thirty hours** of "classroom instruction" to receive credit. **Letter grades and ½ unit of credit will be given!!** This course provides information and practice activities needed to prepare for the basic driving exam. The major purpose is to provide a foundation for the development of student driving skills. Driver and passenger safety and the use of proper judgment in various situations are emphasized.

**Students 14 years of age may enroll for the course and complete classwork, but they must be 15 years of age before their actual driving component.**

**NOTE: Enrollment is first come, first served.**

**\*A fee is required for this course.\***



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**Art I**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: None

Course Number: 2811

Grade Level(s): 9, 10, 11, 12

*Oklahoma's Promise Approved*

Art I is the introductory class into the Visual Art program. Students will be exposed to the Elements of Art, the Principles of Design, art history, and art criticism. Visual Art Standards for the State of Oklahoma are emphasized. Students will develop their drawing skills, explore water based paint techniques, and create 3 dimensional projects. Student's productivity and a strong work ethic are imperative to achieve success in this course. A passing grade and teacher approval is required to progress to the next level which is Art II or Art II Honors depending on skill level and achievement. Students showing advanced skill level who are enrolled in Art I may be recommended to move to Art I Honors with in the first 10 days of class.

**Art I Honors**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Recommendation by middle school art teacher or portfolio review by the art teacher

Course Number: 002816

Grade Level(s): 9, 10

*Oklahoma's Promise Approved*

This course is designed to prepare the Advanced Art student for Art II Honors and AP Art and Design courses. Enrollment in this course requires approval from the 8th grade Art Instructor or by submitting a digital portfolio containing 5 pieces that include two drawings from observation to the Art I Honors Instructor for approval. Students showing advanced skill level who are enrolled in Art I may be recommended to transfer to Art I Honors within the first 10 days of class. The fundamentals of art, including introduction to drawing, perspective, water-based painting techniques, color theory, ceramics, sculpture, art history and culture, and the language of art are presented in this course. Visual Art Standards for the State of Oklahoma are emphasized. Passing this course and teacher approval are required to advance to the next level. Student productivity is imperative to achievement in this course. Art supplies are necessary as well as working on projects outside of class.

**Art II**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Art I

Course Number: 002812

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

This course focuses on successfully employing the elements and principles of design using a variety of media. The proper use of media is explored while reinforcing the theory of design. Current art history and theory are emphasized. Productivity and strong work ethics are imperative to achieve success in this course. Some art supplies will be necessary.

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**Art II Honors**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Honors Art I and Instructor Approval or Art 1 with Instructor Approval

Course Number: 28091

Grade Level(s): 10

*Oklahoma's Promise Approved*

Art II Honors is an advanced studio-oriented course with emphasis on both the college-bound and career artist. Sophomores may enter this course only with the recommendation of the instructor or by submitting a digital portfolio containing 5 pieces that include two drawings from observation to the Art II Honors Instructor for approval. This class is based on College Board's AP Art and Design courses. Visual Art Standards for the State of Oklahoma are emphasized. Productivity is strongly considered when calculating grades. This class prepares the student for success in AP Art and Design classes. Students learn to photograph their art and edit it for submission into a variety of competitions. There is an emphasis on developing one's personal voice through their art and on abiding by copyright and plagiarism laws. Art supplies are necessary as well as working on projects outside of class.

**Art III**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Art II and Instructor Approval

Course Number: 002813

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

This course focuses on successfully employing the elements and principles of design using a variety of mediums. The students will continue developing skills in drawing, painting, and 3D projects. Visual Art Standards for the State of Oklahoma are emphasized. Strong work ethics and productivity are imperative to achieve success in this course. Juniors may enroll in Art IV or if they are excelling in this class may enroll in AP Drawing or Design courses as a senior the following year. The work completed in this course may be used in a future Advanced Placement Studio Art Course at the high school level or to develop a portfolio for college. Art supplies are necessary as well as working on projects outside of class.

**Art IV**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Art III

Course Number: 2814

Grade Level(s): 12

*Oklahoma's Promise Approved*

This course focuses on successfully employing the elements and principles of design using a variety of mediums. The students will continue developing skills in drawing, painting and 3-D projects. A strong emphasis will be placed on painting. Strong work ethics and productivity are imperative to achieve success in this course. The work completed in this course may be used to develop a portfolio for college. Students in AP Courses may take this class to bolster the painting portion of their AP Portfolios. Some art supplies will be necessary.

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**AP Drawing**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Art II Honors, AP 2D Art and Design, Instructor Approval

Course Number: 2815

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

AP Drawing is an advanced studio-oriented course with emphasis on both the college-bound and career artists. Juniors may enter this course only with the approval of the art teacher. Seniors may enter this course only with the recommendation of the high school teacher. This course is based on the College Board's AP Drawing Portfolio requirements. The portfolios consist of two sections. The **Selected Works** section consists of 5 high quality pieces of art that demonstrate the synthesis of materials, processes, and ideas using drawing skills. The **Sustained Investigation** section includes 15 digital images of works of art and process documentation that demonstrates sustained investigation through practice, experimentation, and revision. Both sections require writing about and referencing images used for inspiration. Students are expected to complete an average of one project every week. Project grades are determined using several methods of assessment including, but not limited to, group, peer and self-critiques, project assessment forms and student conferences. Productivity is strongly considered when calculating grades. Copyright and plagiarism laws have to be followed and source images must be referenced. AP Drawing students may take two hours of art daily by enrolling in the Art Portfolio class. The students are expected to submit their portfolios to the College Board during the second week of May for evaluation and possibly to earn college credit. Art supplies will be necessary and working outside of class will be necessary.

**AP 2D Art and Design**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Honors Art II, AP Drawing, and Instructor Approval

Course Number: 28380

Grade Level(s): 12

*Oklahoma's Promise Approved*

AP 2D Art and Design is an Advanced Placement studio-oriented course with emphasis on both the collegebound and career artists. This class is limited to only seniors who have taken the AP Drawing course as a Junior. This course is based on the College Board's studio art portfolio requirements of the 2D Design portfolio. The portfolios consist of two sections. The **Selected Works** section consists of 5 high quality pieces of art that demonstrate the synthesis of materials, processes, and ideas using 2D art and design skill. The **Sustained Investigation** section includes 15 digital images of works of art and process documentation that demonstrates sustained investigation through practice, experimentation, and revision. Both sections require writing about and referencing images used for inspiration. Students are expected to complete at least one project every week. Project grades are determined using several methods of assessment including, but not limited to, group, peer and self-critiques, project assessment forms and student/teacher conferences. Productivity is strongly considered when calculating grades. AP 2D Art and Design students may enroll in two hours of art by also enrolling in Art Portfolio. The students are expected to submit their portfolios to the College Board during the second week of May for evaluation and possibly to earn college credit. Art supplies will be necessary and working outside of class will be necessary.

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**AP 3D Art and Design**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: AP Drawing or AP 2D Art and Design, Instructor Approval

Course Number: 28390

Grade Level(s): 12

*Oklahoma's Promise Approved*

AP 3D Art and Design is an Advanced Placement studio-oriented course with emphasis on both the collegebound and career artists. This class is limited to only seniors who have taken the AP Drawing course as a Junior. This course is based on the College Board's studio art portfolio requirements of the 3D Design portfolio. The portfolio consists of two sections. The **Selected Works** section includes 10 digital images consisting of two views of each of five works. **The Sustained Investigation** section consists of 15 digital images of works of art and process documentation. Both the Selected Works and Sustained Investigation sections will be submitted digitally to the College Board in May. Students are expected to complete at least one project every week. Project grades are determined using several methods of assessment including, but not limited to, group, peer, and self-critiques, project assessment forms and student/teacher conferences. Productivity is strongly considered when calculating grades. AP 3D Art and Design students may enroll in two hours of art by also enrolling in Art Portfolio. Some art supplies will be necessary.

**Graphic Design and Communications**

One Semester – .5 unit of credit

*Fulfills the Fine Arts Requirement for Graduation*

Prerequisite: None

Course Number: **2851**

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved (0.5 Fine Arts)*

This course combines a thorough examination of the history of graphic communication and 2D design. Students will cover the elements of art and the principles of design and apply them to the works they produce. The course will be using iPads and Apple pencils, supplied by the school, to do some design work. Use of photography, paint, colored pencils, graphite, ink, markers, paper, and some 3D mediums will be used as well. Students will need to purchase some supplies. Students may be responsible for printing some of their digital works.

**Art Portfolio**

Full Year – 1.0 unit of credit

Prerequisite: Must be concurrently enrolled in an AP Art course

Course Number: 002885

Grade Level(s): 11, 12

Students enrolled in AP Drawing, AP 2D Art and Design, or AP 3D Art and Design may enroll in Art Portfolio as a second hour of Art. Art Portfolio is a studio-oriented class with emphasis on both the college-bound and career artists. Grade assessment will be determined by student work ethics, productivity of work and teacher/student critics. The students will be given opportunity to explore new materials and develop a student voice in their artwork while developing an AP portfolio. Some art supplies will be necessary.

**This course may only be taken for elective credit; it does not count as a Fine Arts credit.**





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**Art Appreciation**

One Semester – 0.5 unit of credit

*Fulfills the Fine Arts Requirement for Graduation*

Prerequisite: None

Course Number: 2817

Grade Level(s): 9

*Oklahoma's Promise Approved (0.5 Fine Arts)*

Art Appreciation is a course designed to introduce the fine arts to students without previous experience in a fine arts course. It will emphasize art, but will also introduce the student to all other fine arts subjects.

**This course will meet the graduation requirement for one set of competencies in the fine arts.**

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**INSTRUMENTAL MUSIC****Band**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Former member of a middle school band and approval of director

Course Number: 002931

Grade Level(s): 9, 10, 11, 12

*Oklahoma's Promise Approved***Color Guard**

Fall Semester Only – 0.5 unit of credit

Prerequisite: Approval of director

Course Number: 2862

Grade Level(s): 9, 10, 11, 12

Band is offered as a full year course to qualified music students who wish to develop their talents through performance on brass, woodwind, and percussion instruments. The class stresses life skills such as leadership skills, time management, and team-building. The class focuses on music skills such as tone production, musical style, phrasing, articulation, balance, intonation, and musical discrimination through ensemble and solo performance. The program offers concerts, ensemble and solo performance opportunities, full orchestra experiences, and marching band performances.

Students with no prior band experience who wish to participate with the Color Guard only, may audition for and participate in the fall semester only with prior approval from the band staff. Students who play an instrument in the band are encouraged to participate and are required to continue to play in one of the concert ensembles offered. Color Guard is a great opportunity for students to enhance the marching band's visual program through dance, movement, flags, rifles, sabers, and other equipment. **Color Guard may only be taken for elective credit; it does not count as a Fine Arts credit.** Additionally, Winter Guard will be offered to interested students outside the school day from November through April.

The band takes out-of-state trips every year to a music festival or competition. Every other year it takes a major out-of-state trip, including international destinations. Students have opportunities to earn their money for the trip through booster club-sponsored fund-raisers. For more information contact the band office.

Band requires extra practices to ensure enough rehearsal time to have competitive and outstanding performances. Students will be required to attend additional rehearsals outside of the normal school day before and after school in addition to the summer. Typically, the marching band rehearses from 7:00 AM until 8:45 AM daily during the fall and the concert bands have required additional rehearsals and/or sectionals from November through May.

The concert band will be divided into two ensembles based on ability and seniority and will include all 9-12<sup>th</sup> grade wind and percussion students. Wind Symphony is open to all wind and percussion students in grades 10-12. Membership in this group is selected through auditions normally held in November. Symphonic Band is open to all wind and percussion students in grades 9-12 who are not selected for Wind Symphony.

**To be OSSAA eligible for competitive activities, the student must complete the Alcohol and Illegal or Performance Enhancing Drug Contract.**

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**Symphonic Orchestra**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Placement by audition

Course Number: 3024 (Scheduling CN: 002932)

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

Symphonic Orchestra is one of the three orchestras at Bartlesville High School and is the advanced, audition-only orchestra. This orchestra plays civic engagements in the Bartlesville community as well as participates in OSSAA State Activities on the 6A level. These students are eligible to audition for OKMEA All District and All State Orchestras as well as other honor group opportunities. Orchestra students have the opportunity to participate in district and state solo and ensemble contests, and Symphonic students are eligible to letter in Orchestra. High school orchestra students have the opportunity to travel out-of-state and internationally with the Bartlesville String Program.

**Concert Orchestra**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Approval by director

Course Number: 3023 (Scheduling CN: 002932)

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

Concert Orchestra is the middle-level training orchestra focused on performance skills and strong orchestra technique training. These students play four concerts and two contests per year. They have the opportunity to audition for OKMEA All District Orchestra and All State Orchestra. They have the opportunity to participate in district and state solo and ensemble contests. They must be previous members of a middle or junior high orchestra string program. All high school string students have the opportunity to travel and perform with the orchestra out-of-state and internationally.

**9<sup>th</sup> Grade Orchestra**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Former member of middle school orchestra or approval of director

Course Number: 3022

Grade Level(s): 9

*Oklahoma's Promise Approved*

9<sup>th</sup> grade orchestra is for ninth-grade students from both local middle schools or students new to the Bartlesville school district with three or more years of playing experience. The curriculum is built around string technique and musical performance skills. Ninth-grade orchestra students perform three or four local orchestra concerts per year and attend one OSSAA regional contest. They also have the opportunity to participate in district and state solo and ensemble contests. All students in the Bartlesville string program have the opportunity to travel out-of-state and perform with the orchestra.

**To be OSSAA eligible for competitive activities, the student must complete the Alcohol and Illegal or Performance Enhancing Drug Contract.**

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**VOCAL MUSIC****Freshmen Treble Chorale**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Audition and approval of choir director

Course Number: 30711

Grade Level(s): 9

*Oklahoma's Promise Approved*

Freshmen Treble Chorale is a performing group in which advanced vocal techniques of the treble voice are stressed. Class instruction includes sight-reading development and the study of all classification of choral literature. Rehearsals and public performances outside of class are mandatory parts of the course. In addition, individual performance is encouraged. Students in competitive vocal music classes will be provided an opportunity for out-of-state trips as enrichment. Students may earn money for travel through fund-raisers sponsored by the Choir Booster Club. **To be OSSAA eligible for competitive activities, the student must complete the Alcohol and Illegal or Performance Enhancing Drug Contract.**

**Treble Chorale**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Audition and approval of choir director

Course Number: 30741

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

Treble Chorale is a performing group in which advanced vocal techniques of the treble voice are stressed. Class instruction includes advanced sight-reading technique and the study of upper-level collegiate choral literature. Rehearsals and public performances outside of class are mandatory parts of the course. In addition, individual performance is encouraged. Students in competitive vocal music classes will be provided an opportunity for out-of-state trips as enrichment. Students may earn money for travel through fund-raisers sponsored by the Choir Booster Club. **To be OSSAA eligible for competitive activities, the student must complete the Alcohol and Illegal or Performance Enhancing Drug Contract.**

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**Tenor/Bass Chorale**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Audition and approval of choir director

Course Number: 30731

Grade Level(s): 9, 10, 11, 12

*Oklahoma's Promise Approved*

Tenor/Bass Chorale is a performing group in which vocal techniques of the tenor and bass vocal range are stressed. Class instruction includes sight-reading development and the study of all classifications of choral literature. Rehearsals and public performances outside of class are mandatory parts of the course. Students in competitive vocal music classes will be provided an opportunity for out-of-state trips as enrichment. Students may earn money for travel through fund-raisers sponsored by the Choir Booster Club. **To be OSSAA eligible for competitive activities, the student must complete the Alcohol and Illegal or Performance Enhancing Drug Contract.**

**Bruin Jazz Choir**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Audition and approval of choir director

Course Number: 30722

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

Bruin Jazz Choir is a performing group in which advanced vocal techniques are stressed. Class instruction includes the study of all classifications of choral literature with a strong emphasis on acapella jazz/pop music. Students will be ambassadors for the vocal music department doing many sing-outs in the community, especially in the first semester. Rehearsals and public performances outside of class are mandatory parts of the course. In addition, auditioning for District and Allstate honor choirs would be part of the course. Individual performance is also strongly encouraged. **To be OSSAA eligible for competitive activities, the student must complete the Alcohol and Illegal or Performance Enhancing Drug Contract.**



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**GENERAL MUSIC**

**AP Music Theory**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Students should have average or above average proficiency in music reading and/or performance; first priority will be given to seniors

Course Number: 002940

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

Music Theory AP is a review of basic theory and an introduction to college-level harmony. All students planning to major or minor in music in college are urged to take this class. Curriculum includes major and minor key signatures, part-writing, orchestration, secondary dominants, transposition, and figured bass with units on music history and composition. Students are encouraged to take the College Board's Advanced Placement Exam in Music Theory.

**Music Appreciation**

One Semester – 0.5 unit of credit

*Fulfills the Fine Arts Requirement for Graduation*

Prerequisite: None

Course Number: 3053

Grade Level(s): 9

*Oklahoma's Promise Approved (0.5 Fine Arts)*

Music Appreciation is a course designed to introduce the fine arts to students without previous experience in a fine arts course. It will emphasize music, but will also introduce the student to all other fine arts subjects.

**This course will meet the graduation requirement for one set of competencies in the fine arts.**

2022 – 2023

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**THEATRE****Theatre I**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: None

Course Number: 004041

Grade Level(s): 9, 10, 11, 12

*Oklahoma's Promise Approved*

This course is designed for students interested in acting who have little or no experience in the craft. This course will introduce students to the elements of acting, such as character, stage presence, script-analysis, voice and movement, theatre etiquette, and performance critique. Coursework will have heavy emphasis on reading and analyzing scripts and performing monologues. Students will begin learning theatre history.

**Theatre II**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Theatre I or teacher approval

Course Number: 004043

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

Focusing on acting, this class works with a continuation of theatre history, introductory acting theories and philosophies to improve character development and stage presence. Development of acting skills is the primary focus of students enrolled in this performance-based course. Students will develop acting skills through academic study, monologue and scene work and will be encouraged to audition for school plays.

**Theatre III**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Theatre II or teacher approval

Course Number: 0040421

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

This advanced level course focuses on the development of a company approach to acting – with students working together to develop the skills of the group as a whole. Course work includes individual and scene work as well as oral and written literary and performance analysis and critique. Student directing and an emphasis on modern history will be part of the curriculum. Students are encouraged to audition for play productions.



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**Theatre IV**

Full Year – 1.0 unit of credit

*1 unit of Fine Arts*

Prerequisite: Theatre III or teacher approval

Course Number: 0040422

Grade Level(s): 12

*Oklahoma's Promise Approved*

This advanced level course focuses on the development of a company approach to acting – with students working together to develop the skills of the group as a whole. Course work includes individual and scene work as well as oral and written literary and performance analysis and critique. Student directing and an emphasis on modern history will be part of the curriculum. Students are encouraged to audition for play productions.

**Stagecraft**

Full Year – 1.0 unit of credit

Prerequisite: None

Course Number: 004291

Grade Level(s): 11, 12

If you like to build things and use power tools—this is the class for you. Utilizing a “hands-on” approach, this course is the study of scenic design. Wood construction and the safe use of tools are a primary focus of this course. Students will learn several scenic painting techniques. Students will complete all construction for play productions – including scenery, props, and costumes. Students may have an opportunity to explore the fundamentals of stage managing, costume design, and prop making.

**Students will be required to complete a minimum of 2 events in the theater, outside of class time, per semester.**

This course may be repeated for credit.





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**Fine Arts Management Assistant**

Full Year – 1.0 unit of credit

Prerequisite: Written approval from the fine arts manager

Course Number: 24101

Grade Level(s): 10, 11, 12

This course involves front-of-house training (house manager and ticket office) and back-stage training (stage technician). Students will gain experience rotating between both areas during events at the Fine Arts Center. Their work will cover before-event safety checks, making certain the theatre is clean and ready for the event, instructing the ushers on their responsibilities, as well as emergency procedures in case of evacuation, etc. They will monitor the lobby area before, during, and after the event to help provide directions and information and maintain order.

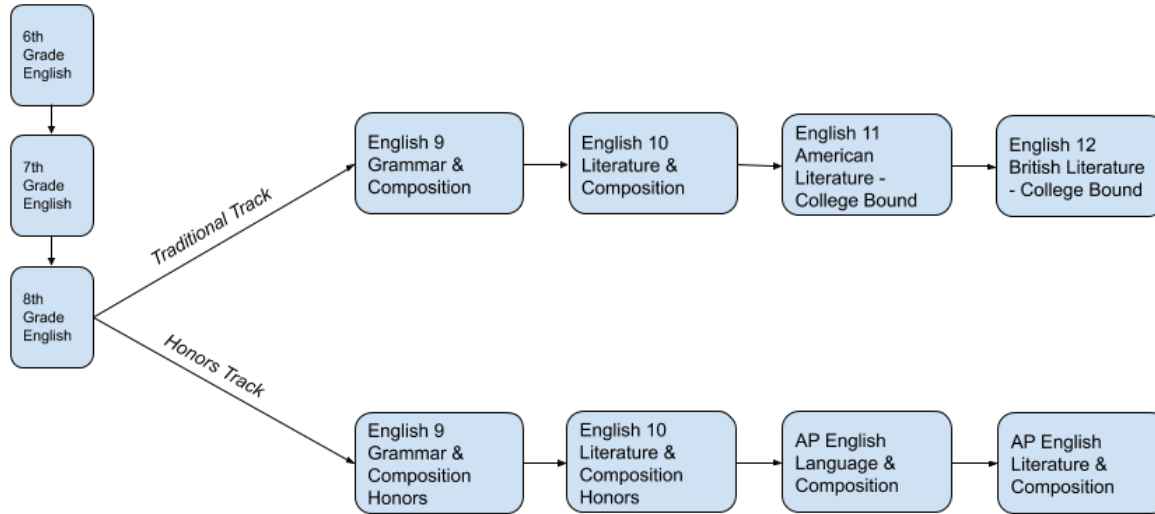
While working as a stage technician, students will learn to operate all the different technical systems in the theatre, including the sound system, lighting system, and fly rail. They may be required to work an event as the sound board or light board operator or act as the back-stage manager.

Grades are based on participation, test scores covering theatre terminology, areas of theatre, proper use of all theatre equipment and willingness to work. Students are expected to work all rehearsals and events assigned by the Fine Arts Manager.

**Attendance at events outside of school hours will be required.**



### BPS Language Arts Department Course Pathways, Grades 6-12



**Language Arts Electives**

- Speech - grades 9, 10, 11, 12
- Competitive Speech - grades 9, 10, 11, 12
- Competitive Debate - grades 9, 10, 11, 12
- Creative Writing - grades 9, 10, 11, 12
- Advanced Creative Writing - grades 9, 10, 11, 12

See BHS Bluebook for course descriptions and prerequisite information.



2022 – 2023

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**English 9 Grammar and Composition**

Full Year – 1.0 unit of credit

1.0 unit of English 9

Prerequisite: None

Course Number: 004301

Grade Level(s): 9

*Oklahoma's Promise Approved*

English 9 Grammar and Composition strengthens and expands students' practical knowledge of English grammar and usage through an intensive program of writing. Students learn advanced proofreading and revision skills that they apply to a wide range of multi-paragraph compositions. Additionally, students learn the elements of vocabulary development, literary analysis, and critical reading by reading and responding to a variety of texts in both formal and informal ways.

**English 9 Grammar and Composition Honors**

Full Year – 1.0 unit of credit

1.0 unit of English 9

Prerequisite: None

Recommended: 8<sup>th</sup> Grade English Honors

Course Number: 40451

Grade Level(s): 9

*Oklahoma's Promise Approved*

*This course of study is a rigorous, introductory course to Advanced Placement English courses and is available to the student interested in taking the Advanced Placement Examinations in English upon completion of the AP program.*

English 9 Honors engages students to dissect and discuss advanced literary techniques, concepts, and skills. Students become adept at identifying and analyzing the techniques of various authors and how those techniques contribute to the overall purpose and meaning of the works. Students are expected to create a composition portfolio and an extensive research paper/project. Fused with the study of literature is the refinement of composition skills, usage skills, and research skills. Practice in listening/speaking and viewing/representing occurs throughout the course.

**Required Summer Reading Assignment** – The Summer Reading Assignment for this course must be read before the school year begins. Assignments and titles of books will be posted on the BHS website in May. Questions about the summer reading requirements should be addressed to the BHS English Department Chair.



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LANGUAGE ARTS

**English 10 Literature and Composition**

Course Number: 004305

Full Year – 1.0 unit of credit

Grade Level(s): 10

1.0 unit of English 10

Oklahoma's Promise Approved

Prerequisite: English 9

English 10 Literature and Composition students read, discuss, and write about selected works of literature from a variety of genres and cultures. *English 10 Literature and Composition* focuses on strengthening students' critical reading skills, literary analysis skills, and higher-order thinking skills, and composition skills. The course utilizes an intensive program of process-based writing which emphasizes vocabulary development, sentence construction, and standard usage and grammar.

**English 10 Literature and Composition Honors**

Course Number: 40481

Full Year – 1.0 unit of credit

Grade Level(s): 10

1.0 unit of English 10

Oklahoma's Promise Approved

Prerequisite: English 9

Recommended: English 9 Honors

*This course of study engages students to dissect and discuss advanced literary techniques, concepts, and skills. Students become adept at identifying and analyzing the techniques of various authors from a variety of cultures and how these techniques contribute to the overall purpose and meaning of the works. This course emphasizes refinement of composition skills, usage skills, and research skills. Practice in listening, speaking, and note taking occurs throughout the course.*

Literature is organized according to historical era, theme, or geographical location emphasizing the relationship between the two courses. Emphasis is placed on understanding of the historical implications of each work.

The College Board regulates AP courses and describes the suitable AP student as: "Academically talented, imaginative students who read with finesse and write with clarity and style, who are curious and responsive to academic risk-taking and who are not deterred by hard work."

**Required Summer Reading Assignment** – *The Summer Reading Assignment for this course must be read before the school year begins. Assignments and titles of books will be posted on the BHS website in May. Questions about the summer reading requirements should be addressed to the BHS English Department Chair.*



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**English 11 American Literature – College Bound**

Course Number: 004006

Full Year – 1.0 unit of credit

Grade Level(s): 11

*1.0 unit of English 11*

*Oklahoma's Promise Approved*

Prerequisite: English 10

English 11 American Literature – College Bound consists of a study of representative literature from the Colonial period to the present. The course prepares students for success in required college English courses. Emphasis is placed on improving reading comprehension and developing the student's ability to think by exposure to the challenging ideas of great writers. A major part of the student's grade is based on writings of multi-paragraph, literature-based compositions with an emphasis on expository development. Independent reading, active participation in group discussions, and frequent literary analysis essays define this course. Essays are evaluated closely for content, organization, and mechanics. Vocabulary development and the improvement of grammar and usage skills are emphasized.

**AP English Language and Composition**

Course Number: 004309

Full Year – 1.0 unit of credit

Grade Level(s): 11

*1.0 unit of English 11*

*Oklahoma's Promise Approved*

Prerequisite: There are no prerequisite courses for AP English Language and Composition aside from English 10. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. {from College Board, AP English Language and Composition Course Description, Fall 2020.}

Recommended: English 10 Honors

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods.

College Course Equivalent: The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum.

***Required Summer Reading Assignment*** – *The Summer Reading Assignment for this course must be read before the school year begins. Assignments and titles of books will be posted on the BHS website in May. Questions about the summer reading requirements should be addressed to the BHS English Department Chair.*



**English 12 British Literature – College Bound**

Full Year – 1.0 unit of credit  
*1.0 unit of English 12*  
Prerequisite: English 11

Course Number: 004008  
Grade Level(s): 12  
*Oklahoma’s Promise Approved*

English 12 British Literature - College Bound consists of a study of representative literature from the Anglo-Saxon period to the present. The course prepares students for success in required college English courses. Emphasis is placed on improving reading comprehension and developing the student's ability to think critically by exposure to the challenging ideas of great British writers. A major part of the student's grade is based on writings of multi-paragraph, literature-based compositions with an emphasis on expository development. Independent reading, active participation in group discussions, and frequent literary analysis essays define this course. Essays are evaluated closely for content, organization, and mechanics. Vocabulary development and the improvement of grammar and usage skills are emphasized through composition.

**AP English Literature and Composition**

Full Year – 1.0 unit of credit  
*1.0 unit of English 12*  
Prerequisite: There are no prerequisite courses for AP English Literature and Composition aside from English 11. Students should be able to read and comprehend college level texts and write grammatically correct, complete sentences. [from College Board, AP English Literature and Composition Course Description, Fall 2020.]  
Recommended: AP English Language and Composition

Course Number: 004310  
Grade Level(s): 12  
*Oklahoma’s Promise Approved*

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

College Course Equivalent: The AP English Literature and Composition course aligns to an introductory college-level literary analysis course curriculum.

***Required Summer Reading Assignment*** – *The Summer Reading Assignment for this course must be read before the school year begins. Assignments and titles of books will be posted on the BHS website in May. Questions about the summer reading requirements should be addressed to the BHS English Department Chair.*



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**Speech**

One Semester – 0.5 unit of credit  
*Fulfills the Fine Arts Requirement for Graduation*  
Prerequisite: None

Course Number: 004221  
Grade Level(s): 9, 10, 11, 12  
*Oklahoma’s Promise Approved (0.5 Fine Arts)*

This is an introduction to oral communications. Students will learn basic public speaking, stage-fright control, research, and outlining. Students will prepare and perform various types of speeches throughout the semester.

**Competitive Speech & Debate**

Full Year – 1.0 unit of credit  
*1.0 units of Fine Arts (Speech) competencies*  
Prerequisite: None

Course Number: 4020  
Grade Level(s): 9, 10, 11, 12  
*Oklahoma’s Promise Approved*

The class will cover competitive public speaking, including debate, oratory, extemporaneous speaking, and student congress. A majority of the grade will be based on participation in tournaments. Tournaments are scheduled on Friday afternoons and all day on Saturdays. *This course may be taken each year for credit. This is a full year course. The student must also have completed the Alcohol and Illegal or Performance Enhancing Drug Contract.*

**Reading for Personal Pleasure**

One Semester – 0.5 unit of credit  
Prerequisite: None

Course Number: 004243  
Grade Level(s): 9, 10, 11, 12

This class is designed to foster enjoyment of reading and literature as well as improving reading skills for students. Reading improves your vocabulary and your comprehension, therefore providing a boost for ACT and SAT testing. The focus of the class will be providing more opportunities for students to read, discuss, evaluate, and analyze literary works. The majority of reading occurs during class. A journal may be required.

**Creative Writing**

One Semester – 0.5 unit of credit  
Prerequisite: None

Course Number: 004241  
Grade Level(s): 9, 10, 11, 12

This course is an intensive study in writing designed for students who are reading and writing at or above grade level.



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**Advanced Creative Writing**

One Semester – 0.5 unit of credit

Prerequisite: Creative Writing; approval of instructor

Course Number: 4301

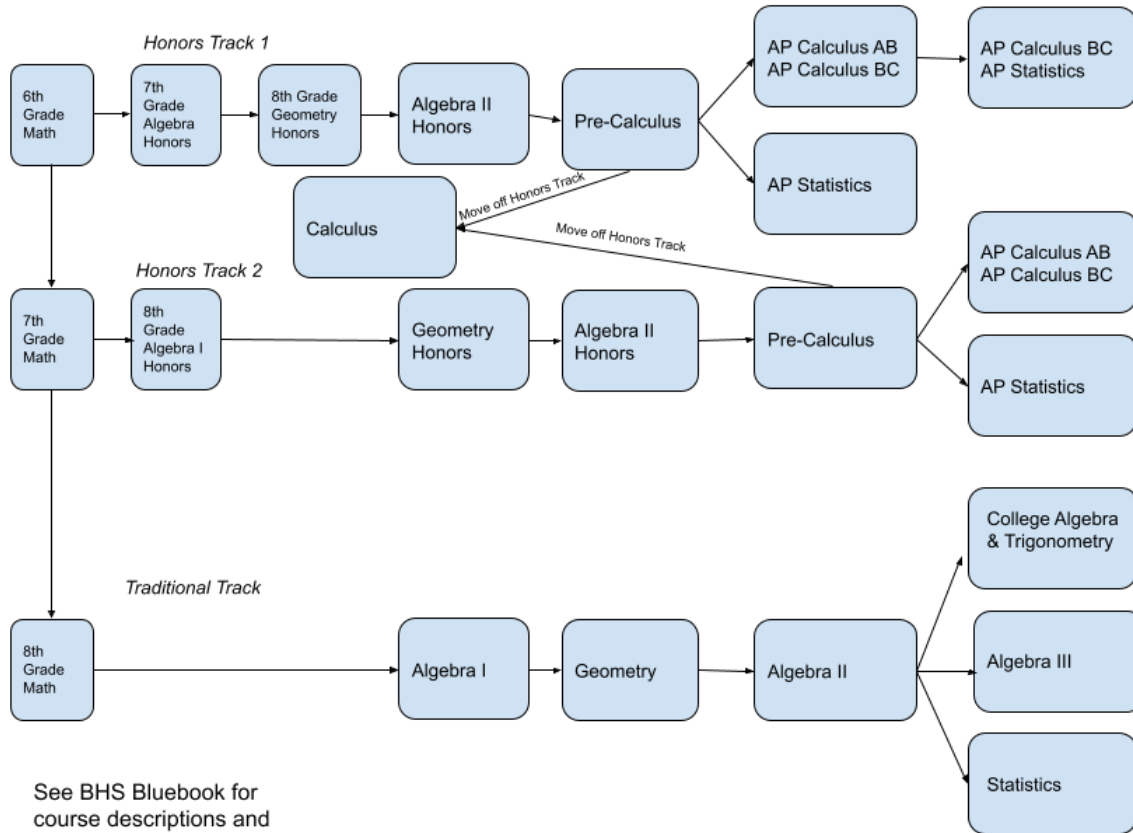
Grade Level(s): 9, 10, 11, 12

This is a small group workshop class. Students will work mostly independently writing original fiction or poetry, reading each other's writing, critiquing each other's writing and revising their own work. Students will collaborate to decide on length limits and deadlines for their creative submissions. The instructor will provide readings of poetry, fiction and writing on craft. The instructor will be available to offer help with writing, critiquing or revising. Students will take completed, revised work and pursue options for publishing including contests and literary journals. The Creative Writing class is a necessary prerequisite.





**BPS Mathematics Department Course Pathways, Grades 6-12**



See BHS Bluebook for course descriptions and prerequisite information.

**Algebra I**

Full Year – 1.0 unit of credit

1.0 unit of Math

Prerequisite: None

Course Number: 004411  
 Grade Level(s): 9, 10, 11, 12  
 Oklahoma's Promise Approved

The emphasis of this course is on variables, properties of operations with real numbers, and solution of linear equations and inequalities. Manipulation of polynomials, basic operations with algebraic fractions, and elementary concepts of probability and statistics are included. Heavy emphasis is placed on applications of algebra and problem solving. *A scientific calculator is recommended.*



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**Intermediate Algebra**

1.0 unit of Math

Prerequisite: Teacher recommendation

Course Number: 4418

Grade Level(s) 10, 11, 12

Students will study polynomials, functions (linear and exponential), relations, expressions, inequalities, equations, systems of equations, triangles, circles, and data analysis. Additionally, they will be introduced to quadratics, matrices, and logarithms, and will investigate functional relationships and use algebraic concepts and methods as a means of representation and as a tool for logical reasoning and problem solving. Number concepts will be extended to include irrational and complex numbers and their application to real-world situations. Students will use geometric ideas and tools to represent two- and three-dimensional situations and to understand the essential role of measurement. Exploratory data analysis and statistical tools will be utilized to solve problems involving probability.

**Algebra I Honors**

Full Year – 1.0 unit of credit

1.0 unit of Math

Prerequisite: None

Course Number: 004421

Grade Level(s): 7, 8

Oklahoma's Promise Approved

The emphasis of this course is on variables, properties of operations with real numbers, and solution of linear equations and inequalities. Manipulation of polynomials, basic operations with algebraic fractions, and elementary concepts of probability and statistics are included. Heavy emphasis is placed on applications of algebra and problem solving. *A scientific calculator is recommended.*

**Algebra II**

Full Year – 1.0 unit of credit

1.0 unit of Math

Prerequisite: Pass Algebra I

Course Number: 004412

Grade Level(s): 11, 12

Oklahoma's Promise Approved

The emphasis of this course is the attainment of proficiency in the use of fundamental operations, solution of linear and quadratic equations, functions, graphs, solutions of systems of equations, variations, exponents, irrational numbers, inverse relations, sequences, series, and matrices. *A graphing calculator is recommended.*



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**Algebra II Honors**

Full Year – 1.0 unit of credit

*1.0 unit of Math*

Prerequisite: Pass Algebra I Honors and Geometry Honors; teacher recommendation

Recommended: Grade of 'C' or above in Algebra I Honors

Course Number: 004420

Grade Level(s): 9, 10

*Oklahoma's Promise Approved*

The emphasis of this course is the attainment of proficiency in the use of fundamental operations, variations, inverse relations, linear and quadratic equations, functions, matrices, exponents and roots, irrational number operations, sequences and series, and solution of systems of equations. *A graphing calculator is recommended.*

**Algebra III**

Full Year – 1.0 unit of credit

*1.0 unit of Math*

Prerequisite: Pass Algebra II

Course Number: 006543

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

The course will cover number patterns, equations and inequalities, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, systems and matrices, and other subjects as time allows. This course will be an opportunity for students to improve advanced algebra skills. with the intention of preparation for College Algebra/ Pre-Calculus. *A graphing calculator is recommended.*

**Geometry**

Full Year – 1.0 unit of credit

*1.0 unit of Math*

Prerequisite: Pass Algebra I

Course Number: 004520

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

This course is a study of visual patterns and an introduction to the relationships of geometric figures. Emphasis is placed on application and problem solving. Algebra is integrated throughout the course. Four dimensions of understanding are emphasized: visualizing and following algorithms; understanding of properties, mathematical relationships, and proofs; using geometric ideas in real situations; and representing geometric concepts with coordinates, networks, or diagrams. *A scientific calculator is recommended.*



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**Geometry Honors**

Full Year – 1.0 unit of credit

1.0 unit of Math

Prerequisite: Pass Algebra I

Recommended: Grade of 'B' or above in Algebra I Honors

Course Number: 004521

Grade Level(s): 8, 9

Oklahoma's Promise Approved

This course is a study of visual patterns and an introduction to the relationships of geometric figures. Emphasis is placed on application and problem-solving. Algebra is integrated throughout the course. Four dimensions of understanding are emphasized as in Geometry. In addition, this course will involve the student in the research and development of projects related to course work. *A scientific calculator is recommended.*

**Math of Finance**

Full Year – 1.0 unit of credit

1.0 unit of Math on State Core Graduation Plan ONLY

Prerequisite: Pass Algebra I. Recommendation required.

Course Number: 004814

Grade Level(s): 11, 12

This course is designed to help students learn about earning money, checking accounts, savings accounts, running a business, credit cards, life insurance, stocks and bonds, income tax, owning homes and cars, and budgeting. This course meets high school graduation requirements. **It does NOT count as college NCAA or Oklahoma's Promise core credit.**

**Statistics & Probability**

Full Year – 1.0 unit of credit

1.0 unit of Math

Recommended: Grade of 'C' or above in Algebra II or Algebra II Honors

Course Number: 4740

Grade Level(s): 11, 12

Oklahoma's Promise Approved

This course is an introductory course in statistics. Students are introduced to the fundamental concepts involved in using sample data to make inferences about populations. Students will also learn about measures of central tendency, probability distributions, statistical inferences from populations, linear regression, and correlation. *Graphing calculator is recommended (TI-84 plus) and a class set is available for use inside the classroom.*



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**AP Statistics**

Full Year – 1.0 unit of credit

1.0 unit of Math

Recommended: Grade of “B” or above in Algebra II Honors

Course Number: 004795

Grade Level(s): 10, 11, 12

Oklahoma’s Promise Approved

This course will emphasize both descriptive and inferential statistics. Students will explore various techniques for collecting, organizing, and displaying data. Measures of central tendency and variability will be studied. Students will learn how to design, carry out, and analyze surveys and experiments. Specific distributions of data to be studied include the Binomial, Normal, and Chi-Square. The importance of the Central Limit Theorem will be emphasized. Students will learn how to formulate and test statistical hypotheses about population means and variances. Students are encouraged to take the College Board’s Advanced Placement Exam in Statistics. *Graphing calculator is recommended (TI-84plus or similar; class set provided for use during class).*

**College Algebra and Trigonometry**

Full Year – 1.0 unit of credit

1.0 unit of Math

Prerequisite: Pass Algebra II

Course Number: 004413

Grade Level(s): 11, 12

Oklahoma’s Promise Approved

This is an integrated course in college algebra, plane trigonometry, and analytic geometry with an introduction to the concepts of limits. Emphasis is placed on the meaning and analysis of methods. Use is made of sets, inequalities, absolute values, graphs, and the axioms of the number field.

Trigonometry is taught from circular functions and correlated with the solution of triangles. Attention is given to the graphing of the trigonometric functions and solving identities. Exponential and logarithmic functions are also taught. *Heavy emphasis is placed on the utilization of a graphing calculator which is recommended for each student.*

**This course is NOT a college course – no college credit may be earned.**

**Pre-Calculus**

Full Year – 1.0 unit of credit

1.0 unit of Math

Prerequisite: Pass Algebra II Honors

Recommended: Grade of ‘B’ or above in Algebra II Honors

Course Number: 1254611

Grade Level(s): 10, 11

Oklahoma’s Promise Approved

This is an integrated course in college algebra, plane trigonometry, and analytic geometry with an introduction to the concepts of limits. This course is the preferred prerequisite to calculus. Emphasis is placed on the meaning and analysis of methods and the promotion of abstract thinking. Some areas covered in the college algebra portion are sets, inequalities, absolute value, graphs, logarithms, function analysis, matrices, polar coordinates, sequences and series, vectors, and combinatorics.



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Trigonometry is taught from circular functions and correlated with the solution of triangles. Attention is given to solving identities and the graphing of trigonometric functions, with heavy emphasis on the utilization of a graphing calculator. Self-study, group work, and research are a part of the Pre-Calculus class. Graphing calculator is recommended (*TI-84plus or similar, class set provided for use during class*).

**Calculus Inquiry**

Full Year – 1.0 unit of credit

Prerequisite: “C” or better in Precalculus.

Course Number: 4612

Oklahoma’s Promise Approved

This course is designed to cover limits of functions, differentiation of algebraic and transcendental functions, curvature of functions and roots, Integration of functions, volumes generated when curves are rotated about the axes, and many applications. This class is intended for the college-bound student who has completed Precalculus and desires a background in calculus. *A graphing calculator is recommended.*

**AP Calculus AB**

Full Year – 1.0 unit of credit

*1.0 unit of Math*

Prerequisite: Pass Pre-Calculus

Course Number: 004611

Grade Level(s): 11, 12

*Oklahoma’s Promise Approved*

This course is designed to cover limits of functions, differentiation of algebraic and transcendental functions, curvature and roots, integration of functions, volumes generated when curves are rotated about the axes, and many applications. The difficulty level of this course is comparable to that of a college calculus course. The course is designed to prepare students for the Advanced Placement Tests of the College Entrance Examination Board. *A graphing calculator is recommended.*

**AP Calculus BC**

Full Year – 1.0 unit of credit

*1.0 unit of Math*

Prerequisite: Pass Pre-Calculus

Course Number: 004610

Grade Level(s): 11, 12

*Oklahoma’s Promise Approved*

This is a full-year course in the calculus of functions of a single variable. It includes all topics covered in AP Calculus AB plus additional topics such as parametric, polar and vector functions, sequences and series. Students who score a 3 or better on the AP exam receive two semesters of college credit at most universities. *A graphing calculator is recommended.*



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**Lifetime Games & Activities**

Course Number: 005021 (Scheduling CN: 0055201/005020)

One Semester – 0.5 unit of credit OR Full Year – 1.0 unit of credit

Grade Level(s): 9, 10, 11, 12

Prerequisite: None

This course emphasizes instruction in the basic skills, rules, and playing strategies of various sports and activities. Health-related issues are also examined.

**Weightlifting**

Course Number: 003347 (Scheduling CN: 0033471/003346)

One Semester – 0.5 unit of credit OR Full Year – 1.0 unit of credit

Grade Level(s): 9, 10, 11, 12

Prerequisite: None

This course provides the opportunity to increase the strength and improve the muscle tone of the student. The emphasis is on a free-weightlifting program that includes squats, dead lift, incline bench, bench press, hang clean, triceps extension, leg curls, leg extensions, lunges, and various dumbbell exercises. Students will be expected to rotate throughout each of these stations. Health-related issues and benefits will be implemented throughout the course.

**SPECIAL NOTE: Weightlifting is not recommended for students who currently have or have had back or knee problems.**

**Strength & Conditioning**

Course Number: 3320F/3320S

One Semester – 0.5 unit of credit

Grade Level(s): 9, 10, 11, 12

Prerequisite: Teacher approval

This course provides the opportunity to increase speed, agility, and flexibility, and to improve performance on the playing field. The program is based on SPARQ (Speed Power Agility Resistance Quickness). It is open to all athletes.

**SPECIAL NOTE: Strength & Conditioning is not recommended for students who currently have or have had back or knee problems.**



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**Competitive Athletics**

Per Semester – 0.5 unit of credit

Prerequisite: The student must have a Physical Examination and Medical Release dated after May 1.

Scheduling Course Numbers: BHS\_Sched\_1/BHS\_Sched\_2

Grade Level(s): 9, 10, 11, 12

**All students must be academically eligible as determined by board policy and OSSAA rules to compete.**

**Students must have completed the Alcohol and Illegal or Performance Enhancing Drug Contract.**

**SPORTS:** Football, Softball, Volleyball, Cross-Country, Basketball, Swimming, Wrestling, Track, Soccer, Golf, Tennis, Baseball, Pom Pon, Cheerleading

This program is designed for competition among schools in various sports. In competitive athletics the focus is upon the ability of the **TEAM** to compete successfully. Coaches determine playing time based on a player's skill and ability to improve the **TEAM's** ability to compete successfully. Playing time is not guaranteed. However, coaches will try to give all players an opportunity to demonstrate their ability during the course of the season. The number of participants on a team is limited in all sports except for Football, Cross-Country, Swimming, Wrestling and Track. Selection of team members will be determined through a tryout process based on criteria established by the coach. Team members may be required to participate in off-season or season conditioning programs. If a student is selected and approved to participate, he or she may obtain the rules, regulations, and practice times from the coach of that sport.

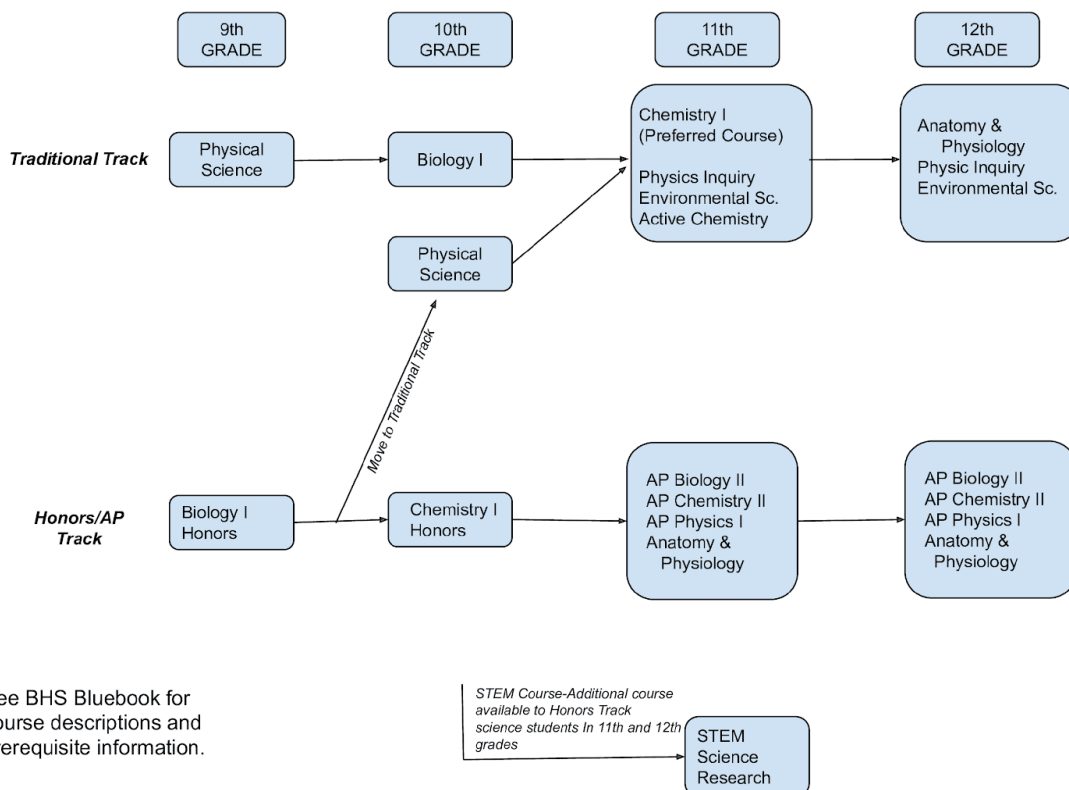
**ATHLETIC TRAINING:** Athletic training involves the prevention, immediate care, and rehabilitation of athletic injuries. Students will gain experiences working with all varsity sports offered through Bartlesville Public Schools. Athletic training offers a variety of future opportunities in many medically-oriented fields. Because athletic training lies within the school day, units may be counted toward graduation through the physical education department. This course provides an opportunity to earn a varsity letter. Grades are based on participation, test scores covering a medical curriculum, and willingness to work. Students are expected to be at all practices, games, and related events assigned by the head trainer. (Must have head trainer's written approval.)

**ATHLETIC MANAGER:** This class provides the student with the opportunity to participate in competitive athletics through aiding the coach and student athletes during practice sessions and actual competitive sporting events. A student who is academically eligible to participate must have the coach's signature on his or her enrollment form to enroll in the class. This course provides an opportunity to earn a varsity letter.





BPS Science Department Course Pathways, Grades 9-12



See BHS Bluebook for course descriptions and prerequisite information.

**Three units of science are required for graduation, including one full unit of Biology I and one full unit of a physical science (Physical Science, Chemistry, or Physics course).**

All entering 9<sup>th</sup>-grade students will be enrolled in either Physical Science or Biology I Honors. When those students advance to 10<sup>th</sup> grade, those who took Physical Science will then take Biology I; those who took Biology I Honors will then take Chemistry I Honors (or Physical Science if leaving the honors track). All 10<sup>th</sup> grade students must enroll in a science class. Students must re-enroll in any semesters of Biology I for which they have not earned credit.

**Honors/AP Courses**

Honors classes (9, 10), and AP classes (11, 12) are offered to those students who qualify through performance in courses leading to the Honors or Advanced Placement classes. The classes are designed for those who score at or above the 80th percentile on standardized achievement tests in reading, math, and/or science, or who have shown superior performance in previous traditional science courses. Teacher/counselor recommendations are considered. ENTRY/EXIT POLICY: In placing students, consideration will be given to student performance in the current science class, with teacher/counselor recommendation. Honors students may be rescheduled to corresponding traditional classes based on poor performance and after evaluation by the teacher/counselor, parent, and administration. An honors class may be taken later after it is apparent the student can handle more demanding work.

2022 – 2023

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**Biology I/Lab**

Full Year – 1.0 unit of credit

*Meets Oklahoma's Promise Requirements*

Prerequisite: None

Course Number: 005031

Grade Level(s): 10

Biology I is a high school-level course which uses a lab-oriented hands-on approach to present essential facts and concepts that constitute a comprehensive biology course. Topics covered include energy and matter transfer, stability and equilibrium, patterns of change/cycles, and structure and function. Oklahoma requires a Biology I credit for graduation.

**Biology I Honors/Lab**

Full Year – 1.0 unit of credit

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) 'B' or better in 8<sup>th</sup> grade science, (2) Successful completion of Algebra I (to be ready for subsequent Honors/AP science courses in the honors track), (3) Teacher recommendation for the honors program

Course Number: 005033

Grade Level(s): 9

Honors Biology is an in-depth, systematic approach to the study of living organisms. Due to the rapid expansion of knowledge in this field, study will be accelerated so that not only text content will be covered but also current research and development. The major topics covered are: cells, continuity of life, history and diversity of life, viruses and monera, protista and fungi, plants, invertebrates, human biology, and ecology.

Emphasis is placed on the mastery of the vocabulary of biology. Students will maintain a biology notebook. Students are required to present a representative insect collection, and a research paper. Microscope work and lab dissections are an integral component of this course. The laboratory aspect of Biology I Honors will be tested with comprehensive semester lab applications.

Successful completion of this course will satisfy Oklahoma's Biology I graduation requirement. *Science Fair Project Required, including participation in the District Fair, held on a Saturday in the spring.*

2022 – 2023

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**AP Biology II/Lab**

Course Number: 005032

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) 'B' or better in all semesters of Biology I AND Chemistry I, (2) a desire for further in-depth study of advanced biology

Biology II AP follows the currently recommended outline published by the College Board. Biology II AP is a college-level course taken at the high school setting. This AP course will encompass the following in detail: biochemical and cellular basis of life, cell organization, energy transformation, nutrient procurement, transport and processing, genetics, evolution, ecology, animal behavior, and botany. Successful completion of Chemistry I is important for this course. Dissections may be performed, but are not a major component of this course. Biology II AP is designed for the student who plans to major in biology, chemistry, medicine, veterinary medicine, dentistry, nursing or other health career. Additional laboratory time is required. Students are encouraged to take the College Board's Advanced Placement Exam in Biology.

**Anatomy & Physiology/Lab**

Course Number: 005220

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) 'B' or better in all semesters of Biology I, (2) 'C' or better in both semesters of Chemistry I or concurrently enrolled

This full-year course is an in-depth study of human anatomy and physiology. Successful completion or concurrent enrollment in chemistry is important for the understanding of physiology. The course includes a systematic review of the integumentary, skeletal, muscular, nervous, reproductive, endocrine, digestive, immune, and circulatory systems. Labs involving comparative study of cells, tissues, and organs are incorporated into the curriculum to supplement and enhance learning. Labs involving detailed dissections of animals and/or animal organs will be performed. Major human muscle groups and blood vessels will be studied using modeling clay, sculpted to a specialized human model. In addition, current topics in the fields of medicine and health will be researched using the internet and other media. From this research, students will do PowerPoint presentations, brochures, oral presentations, or topical papers (3-4 pages).

2022 – 2023

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**Environmental Science/Lab**

Full Year – 1.0 unit of credit

*Meets Oklahoma's Promise Requirements*

Prerequisite: None

Course Number: 005120

Grade Level(s): 11, 12

Environmental Science is a full-year study of the interrelationships between organisms and their physical surroundings focusing on the effects man has within the worldwide ecosystem. This course provides students with knowledge to evaluate choices that can reduce the negative impact man has made on the environment and optimize worldwide living standards. The course emphasizes the development of scientific principles, which allow students to identify and analyze environmental problems and associated risks. Students also examine solutions that can resolve/prevent ecological problems through critical and creative thinking skills.

**Physical Science/Lab**

Full Year – 1.0 unit of credit

*Meets Oklahoma's Promise Requirements*

Prerequisite: None

Course Number: 005213

Grade Level(s): 9, 10

Physical Science is a laboratory course designed to be an introduction to the basic concepts of chemistry and physics. Physical Science spends approximately half of the school year on chemistry and half of the year on physics concepts. Chemistry is the study of the properties, classification, and structure of matter. Physics is the study of interactions between matter and energy, and includes topical studies in motion, electricity, sound, and heat.

**Chemistry I Honors/Lab**

Full Year – 1.0 unit of credit

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) Completion of or concurrent enrollment in Algebra II Honors, (2) 'C' or better in both semesters of Biology I Honors

Course Number: 005054

Grade Level(s): 10

This course is designed as a comprehensive, theoretical chemistry course with a systematic study of the periodicity of chemical elements, the quantum mechanical model, chemical bonding, and stoichiometry. Emphasis is placed on the inquiry approach to science and proper record keeping in a personal chemistry notebook/journal. *It is a requirement of this course to complete an independent, experimental scientific research project and enter it into competition.*

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**Chemistry I/Lab**

Course Number: 005053

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) Algebra I with a 'B' or better in both semesters, (2) 'C' or better in both semesters of Biology I

Chemistry I is designed to prepare students for taking chemistry at the college level. The approach is more mathematical and theoretical than Active Chemistry. Emphasis is placed on the atomic molecular theory, laboratory experiences, and reporting techniques. Calculators are extensively used.

**Active Chemistry/Lab**

Course Number: 005056

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) Successful completion of Algebra I, (2) successful completion of Biology I

Active Chemistry is a project-based and inquiry-driven chemistry program created with funding from the National Science Foundation and cooperation with the American Institute of Chemical Engineers. Using thematic challenges that engage students' interest, students learn about the impact of chemistry in a context of Arts and Leisure, Food and Drugs, Sustainability, and The Natural and Fabricated World. Students will be expected to have mastered basic algebra.

**AP Chemistry II/Lab**

Course Number: 005052

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) 'B' or better in both semesters of Chemistry I Honors OR approval from Chemistry I Honors teacher, (2) successful completion of Algebra II

This course follows the recommended course outline published by the College Board. Chemistry II AP is a college-level course taken at the high school setting. The college-level approach differs from the first course in chemistry in the textbook used, depth of topics covered, and the kinds of laboratory work done by students as well as the time and effort required for a successful experience at the AP level. Lectures and investigations will involve a higher level of mathematical application. Emphasis will be placed on development and use of critical thinking skills. Students are encouraged to take College Board's Advanced Placement Exam in Chemistry.

2022 – 2023

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**Physics Inquiry/Lab**

Course Number: 005211

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) One or more units in science, (2) 'C' or better in both semesters of Algebra I

This course is an in-depth study, centered in lab experience, of the physical world. Central themes are the properties and interrelationships of matter and energy. Topics include: motion in a straight line, graphical analysis of motion, vectors, falling objects, projectile motion, Newton's Laws, friction, circular motion, universal gravitation, work and energy, electrical circuits and currents, static electricity, magnetism, and electromagnetism. Students with poor algebra skills should not attempt this course.

**AP Physics 1/Lab**

Course Number: 5215

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

*Meets Oklahoma's Promise Requirements*

Prerequisite: (1) One or more units in science, (2) completion of College Algebra and Trigonometry or Pre-Calculus Pre-AP OR concurrently enrolled in College Algebra and Trigonometry or Pre-Calculus Pre-AP with instructor approval

AP Physics 1 is a college-level course taken in the high school setting and follows the recommended course outline published by the College Board for the algebra-based test. The course is appropriate for the advanced math/science student who is considering a major in the sciences or engineering. Students will learn to apply math principles to scientific theory. Class topics will include kinematics, dynamics, energy, mechanical waves, sound, and basic electrical circuits. Students who complete this course are encouraged to take the Advanced Placement Physics 1 Exam.

**STEM: Science Research**

Course Number: 9865

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

Prerequisite: (1) 'B' or better in both semesters of Biology I Honors AND in both semesters of Chemistry I Honors, (2) recommendation of Biology I Honors and Chemistry I Honors teachers

In this honors-level class, through use of a dedicated research laboratory in the on-campus Phillips 66 STEM Innovation Labs, students are challenged to complete original and independent scientific research that is characteristic of college-level courses. Students work through all of the phases of a research project: generate a research question, conduct a literature review, develop a hypothesis, and collect and analyze data to reach conclusions. Students must do individual research projects – no team projects - and must present their original research in one or more sanctioned competitions.



2022 – 2023

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**Technology Support Team**

Full Year – 1.0 unit of credit

Prerequisite: Application required; instructor approval

Course Number: 2410  
Grade Level(s): 10, 11, 12

Student Technology Support Team is a one or two-semester course which provides students with hands-on learning experience in technology support, problem-solving, customer service, and collaboration. The students primarily provide support for Chromebook use and repairs. In addition, students are trained to assist school employees and students by troubleshooting hardware and software issues, supporting new technologies, and repairing devices in a hands-on class atmosphere. They learn to assess problems, identify various solutions, and provide model customer service. Interested applicants should be hard-working, trustworthy, and organized with interests in technology, general problem-solving, customer service skills, or general curiosity about how things work.

**Office Assistant**

One Semester – 0.5 unit of credit

Prerequisite: 2.5 GPA; administrator approval

Course Number: 5444  
Grade Level(s): 9, 10, 11, 12

Students are responsible for delivering student passes among many other office duties. Students are expected to adhere to school policies on confidentiality and privacy. Students must follow directions well. Due to the diversity of tasks which a student will be responsible, versatility and adaptability are a must. Students will be allowed to work on homework after all office work is complete.

**Counseling Office Assistant**

One Semester – 0.5 unit of credit

Prerequisite: 2.5 GPA; counselor approval

Course Number: 5445  
Grade Level(s): 10, 11, 12

Counseling Center student assistants are responsible for greeting and directing other students and parents, delivering student passes, and many other office duties. In addition, provide new students and/or their families tours of the building. Students are expected to adhere to school policies on confidentiality and privacy. Students must follow directions well. Due to the diversity of tasks for which a student is responsible, versatility and adaptability are a must. Students will be allowed to work on homework after all counseling center office work is complete.



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**Athletic Office Assistant**

One Semester – 0.5 unit of credit  
Prerequisite: 2.5 GPA; administrator approval

Course Number: 5446

Grade Level(s): 11, 12

Athletic students should be prepared to assist the directors and secretaries with various office jobs, as with any district office, as well as game day preparation. The ideal candidate for service learning in the athletic office is a student who plans for a future in athletic administration or who has a strong interest in athletics. Some jobs include, but are not limited to: answering phones, greeting and assisting guests of the Athletic Office, assist with filing of non-sensitive documents, prepare mailings, deliver items to main offices as needed, sort season tickets, and other office duties. Students are expected to adhere to school policies on confidentiality and privacy. Students must follow directions well. Due to the diversity of tasks for which a student is responsible, versatility and adaptability are a must. Students will be allowed to work on homework after all athletic office work is complete.

**Media Center Assistant**

One Semester – 0.5 unit of credit  
Prerequisite: 2.5 GPA; application required

Course Number: 5447

Grade Level(s): 9, 10, 11, 12

Basic Library Duties:

- Work at circulation desk: Check books in and out
- Shelve books
- Read Shelves
- Straighten of the library (magazine and newspaper areas, chairs, computer areas, etc.)
- Assist with inventory
- Assist with book repairs
- Help with special projects and programs
- Pick up and sort mail
- Deliver items to classrooms and offices
- Light cleaning of the library (chairs, magazines, computer areas, etc.)
- Laminating and/or trimming laminating
- Photocopying
- Answering phone calls





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**Fine Arts Management Assistant**

Full Year – 1.0 unit of credit

Prerequisite: Written approval from the fine arts manager

Course Number: 24101

Grade Level(s): 10, 11, 12

This course involves front-of-house training (house manager and ticket office) and back-stage training (stage technician). Students will gain experience rotating between both areas during events at the Fine Arts Center. Their work will cover before-event safety checks, making certain the theatre is clean and ready for the event, instructing the ushers on their responsibilities, as well as emergency procedures in case of evacuation, etc. they will monitor the lobby area before, during, and after the event to help provide directions and information and maintain order.

While working as a stage technician, students will learn to operate all the different technical systems in the theatre, including the sound system, lighting system, and fly rail. They may be required to work an event as the sound board or light board operator or act as the back-stage manager.

Grades are based on participation, test scores covering theatre terminology, areas of theatre, proper use of all theatre equipment and willingness to work. Students are expected to work all rehearsals and events assigned by the Fine Arts Manager.

**Attendance at events outside of school hours will be required.**

**Peer Tutoring**

One Semester – 0.5 unit of credit

Prerequisite: 2.5 GPA; counselor/administrator approval

Course Number: 5443

Grade Level(s): 11, 12

Students selected for this course assist students with disabilities. Peer Tutoring requires a daily journal, final summary paper, and an extracurricular assignment. All peer tutors provide academic guidance for students with disabilities. Modeling and directing age appropriate behaviors for students with disabilities is an important role for peer tutors. Excellent attendance and strong leadership qualities are necessary traits for peer tutoring.

Note: An academic GPA of 2.5 or better is required as is a clear disciplinary record.



2022 – 2023

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**Leadership I**

Course Number: 27601

Full Year – 1.0 unit of credit

Grade Level(s): 9, 10

Prerequisite: Strong interest in and commitment to the program; a letter of recommendation is required from an adult non-family member to enroll in Leadership

This course offers students a way to learn leadership skills that last a lifetime while giving them an opportunity to make a difference in their school and community. The focus of Leadership 1 will be on teamwork, offering students the opportunity to work with their peers and adults in a setting that provides real-life experiences and gives them the support and structure necessary to deal effectively with those experiences. Students in Leadership 1 will learn to communicate effectively with peers, the leadership at BHS, and the community. Experiences will include, but are not limited to, human relations, organization, time management, problem-solving, communication, project planning, and community service. Leadership students are held to a very high standard and must follow the classroom creed to remain enrolled in the class. Ten (10) volunteer hours a semester are required for a grade. Students will have up to ten presentations a year. Participation in Student Council events and activities will be a part of this course.

**Leadership II**

Course Number: 27602

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

Prerequisite: Strong interest in and commitment to the program; a letter of recommendation is required from an adult non-family member to enroll in Leadership

This course offers students a way to learn leadership skills that last a lifetime while giving them an opportunity to make a difference in their school and community. It offers students the opportunity to work with their peers and adults in a setting that provides real-life experiences and gives them the support and structure necessary to deal effectively with those experiences. Experiences will include, but are not limited to, human relations, organization, time management, problem-solving, communication, project planning, and community service. Students will be required to do mentoring for either elementary school students or freshmen at the High School. Students are responsible for their own transportation and often will have either before-school or after-school activities. Leadership students are held to a very high standard and must follow the classroom creed to remain enrolled in the class. Fifteen (15) volunteer hours a semester are required for a grade. Students will have up to ten (10) presentations a year. Participation in Student Council events and activities will be a part of this course.



2022 – 2023

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**Career Readiness Internship**

Course Number: 2791

Full Year – 2.0 units of credit

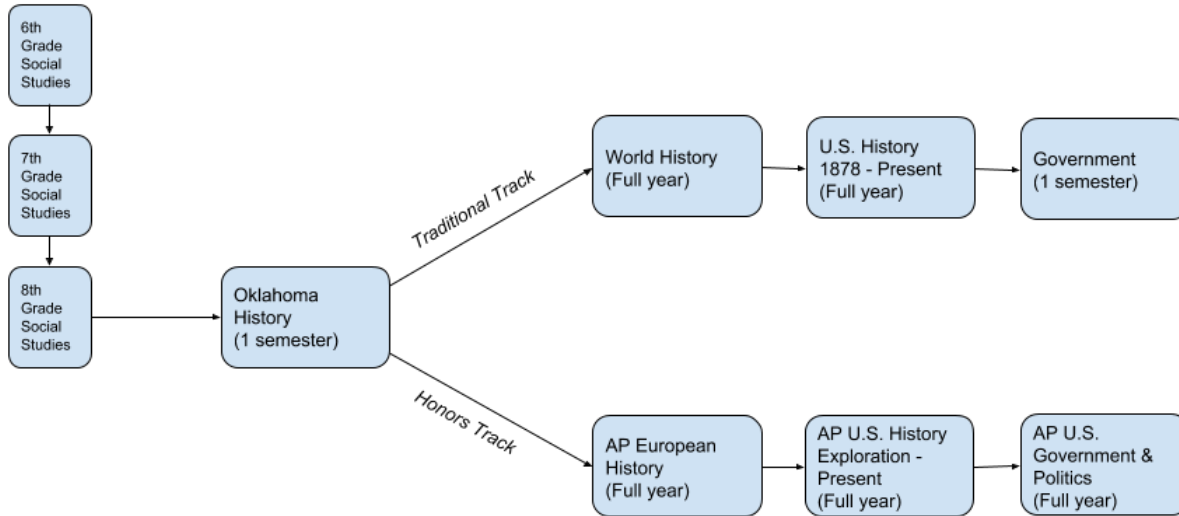
Grade Level(s): 12

Prerequisite: 2.5 GPA; application required; good attendance history; own transportation

Internship II is designed to give seniors hands-on experience in the business world. Each accepted student will be placed with a local business partner in an internship in his/her career area of interest. Students may need to participate in an additional application process to be placed with specific business partners; most internships will be unpaid, although business partners may also choose to offer paid internships. Students will receive instruction through the Junior Achievement Career Success curriculum from a business partner (JA volunteer) in our community. Students will be scheduled in this course for 2 periods at the beginning or end of the school day. Students must provide their own transportation to their assigned workplace. Additionally, students will be expected to follow all guidelines of the business and dress appropriately. The student and the parent must attend a mandatory orientation before the start of the school year. The internship will be for the full year.



BPS Social Studies Department Course Pathways, Grades 6-12



Social Studies Electives

- Advanced Exploration of Oklahoma (1 semester) - grades 9, 10, 11, 12
- Native American & Frontier Studies (1 semester) - grades 9, 10, 11, 12
- Current Events (1 semester) - grades 9, 10
- Economics (1 semester) - grades 10, 11, 12
- Sociology (1 semester) - grades 10, 11, 12
- Introduction to Psychology (1 semester) - grades 11, 12
- AP Psychology (1 semester) - grades 11, 12
- AP European History (Full year) - grades 11, 12 (if not taken in 10th grade as a core course)

See BHS Bluebook for course descriptions and prerequisite information.



**2022 – 2023**

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**Oklahoma History**

One Semester – 0.5 unit of credit  
*0.5 units of History & Citizenship*  
Prerequisite: None

Course Number: 005620  
Grade Level(s): 9  
*Oklahoma’s Promise Approved*

This course integrates the richness of Oklahoma culture with Oklahoma’s unique history, thriving economy, diverse geography, political foundations, and representative government. Students will explore events from European exploration to the present with emphasis on the influence of that past in molding the present. Major events and individuals who have shaped Oklahoma’s heritage will be studied using a variety of teaching strategies including critical thinking, projects, simulations, and issue debates.

**World History**

Full Year – 1.0 unit of credit  
*1.0 units of History & Citizenship*  
Prerequisite: None

Course Number: 005734  
Grade Level(s): 10  
*Oklahoma’s Promise Approved*

This course provides a study of history and cultures from the Renaissance to the Post World War II era. Geography is integrated to provide the context or time and place to each unit of study. Emphasis will be placed on general understanding of the development of human societies through the specified ages and across the regions of the world. Students will study the historic development of world cultures and countries using chronological, geographic, topical, and inquiry approaches. Students will gain a deeper understanding of current events, international relations, and the increasing interdependence of nations through the study of interrelationships between countries and cultures. Critical thinking and analysis of political, economic, and social systems will be emphasized.

**AP European History**

Full Year – 1.0 unit of credit  
*1.0 units of History & Citizenship*  
Prerequisite: Strong interest in and commitment to the program; counselor recommendation

Course Number: 005730  
Grade Level(s): 10, 11, 12  
*Oklahoma’s Promise Approved*

This is a rigorous course that follows the outline recommended by the College Board. Content includes European History beginning with the Renaissance era and ending with the breakup of the Soviet Union and post-Cold War global concerns. The course emphasizes political, diplomatic, economic, social, intellectual, and cultural developments. Students will analyze cause and effect, and identify bias and point of view. Students will develop skills in document analysis, thematic and document-based essay writing, critical reading and thinking, and interpretation of historical materials including maps, charts, graphs, art and political cartoons. Students are encouraged to take the College Board’s AP Exam over European History. Sophomores may take AP European History in place of World History.



2022 – 2023

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**U.S. History 1878 – Present**

Full Year – 1.0 unit of credit  
*1.0 units of History & Citizenship*  
Prerequisite: None

Course Number: 005426  
Grade Level(s): 11  
*Oklahoma’s Promise Approved*

Students will examine the influences of extraordinary people, the impact of immigration, causes of social and political decisions, and major historical events in United States history. This course will include a variety of research, exploratory learning, discussion, lecture, cause and effect analysis, and critical thinking. The course is aligned with state and national history, economic, and geography standards.

**AP U.S. History Exploration – Present**

Full Year – 1.0 unit of credit  
*1.0 units of History & Citizenship*  
Prerequisite: Strong interest in and commitment to the program; counselor recommendation

Course Number: 005424  
Grade Level(s): 11  
*Oklahoma’s Promise Approved*

The AP United States History course is a rigorous course that follows the outline recommended by the College Board. Activities will include practice in analyzing documents and using them in writing essays, guided reading and discussion of various selections, both primary and secondary, pertaining to significant issues and events in U.S. History, and various oral and written activities which enhance students' understanding of major themes in our nation's history. The course will emphasize the Key Concepts set up by the College Board, stress and practice Historical Thinking Skills, including Historical Causation, Patterns of Continuity and Change over Time, Periodization, Comparison, Contextualization, Historical Argumentation, Appropriate Use of Relevant Historical Evidence, Interpretation and Syntheses. Students are encouraged to take the College Board’s Advanced Placement Exam in U. S. History.

**Any student wishing to enter the AP program after the first semester must have teacher and counselor recommendation.**

**Government**

One Semester – 0.5 unit of credit  
*0.5 units of History & Citizenship*  
Prerequisite: None

Course Number: 005540  
Grade Level(s): 12  
*Oklahoma’s Promise Approved*

Students of American government will examine the philosophical foundations of the American republican system, the formation of governmental institutions and practices, and their transformations since the founding era as a basis of preparing students to become informed, responsible, engaged, and literate citizens who are committed to the ideas and values of democracy and use them in their daily lives, as well as make informed decisions about how their government should protect individual liberties and address the common good.



**2022 – 2023**

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**AP U.S. Government & Politics**

Full Year – 1.0 unit of credit

*1.0 units of History & Citizenship*

Prerequisite: Strong interest in and commitment to the program; counselor recommendation

Course Number: 5546

Grade Level(s): 12

*Oklahoma's Promise Approved*

AP United States Government & Politics is a rigorous course that follows the outline recommended by the College Board. Through readings, discussion, and written assignments, students will learn concepts concerning the political process and understandings of the political relationships between people and institutions. Students are encouraged to take the College Board's Advanced Placement Exam in U. S. Government.

**NOTE: This is a full year course.**

**Current Events**

One Semester – 0.5 unit of credit

Prerequisite: None

Course Number: 005542

Grade Level(s): 9, 10

This course will follow current local, state, national and international news events. Students will evaluate the news and differentiate between news stories and tabloid journalism. Units will include the roots of ongoing world conflicts such as the Arab/Palestinian conflict, Pakistani/Indian relations, Northern Ireland, Russian/Ukraine, and North & South Korea. Students will look at multiple sides of issues such as famine and environmental preservation vs. economic progress. Students will analyze and evaluate the impact and consequences of each conflict. Methods will include research, panel discussions, debate, and other methods of active learning.

**Economics**

One Semester – 0.5 unit of credit

*0.5 units of History & Citizenship*

Prerequisite: None

Course Number: 005520

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

Economics is a survey course designed to develop a basic economics vocabulary and a general understanding of fundamental economic concepts. The focus of the course will be on supply and demand, goods and services, decisions and opportunity costs, the role of money, banking, and investment. There will also be discussion of fiscal and monetary policy and Keynesian and supply-side theory. Students will participate in activities and class discussions over current economic events and how they relate to the various scenarios discussed in class. This class complements Business Law.



**2022 – 2023**

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**Introduction to Psychology**

One Semester – 0.5 unit of credit

Prerequisite: None

Course Number: 005639

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

This course examines motivations, human development, memory, states of consciousness, stress reactions and health, and abnormal psychology. The course will help students develop knowledge, skills, and abilities that will enhance their personal lives and interactions with others.

**AP Psychology**

One Semester – 0.5 unit of credit

Prerequisite: Successful completion of Introduction to Psychology

Course Number: 005641

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

AP Psychology is a rigorous course that follows the outline recommended by the College Board. This course will include research, readings, discussion, and written assignments leading to an understanding of the basic concepts in psychology including the history and development of the field, research methods, the biological basis of behavior, processes of sensation and perception, response to stimuli, emotions, personality, mental disorders and treatments, and the interaction of the individual with the group. Students are encouraged to take the College Board's Advanced Placement Exam in Psychology.

**Sociology**

One Semester – 0.5 unit of credit

Prerequisite: None

Course Number: 005720

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

Sociology is the study of human social behavior from a group perspective including recurring patterns of attitudes, actions and reactions, and how these patterns vary in social groups, among cultures, and across time. Students will examine diverse societies, group behavior and social structures, as well as the impact of cultural change on society. Sociology guides students to continue to develop skills in thinking and inquiry.





**2022 – 2023**

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**Advanced Exploration of Oklahoma**

One Semester – 0.5 unit of credit

Prerequisite: Successful completion of Oklahoma History

Course Number: 5615

Grade Level(s): 9, 10, 11, 12

This semester-long course of Oklahoma History builds upon the foundations presented in the traditional first semester Oklahoma History course. It features a more detailed, in-depth study that explores pre-historic Oklahoma through the present day. This includes learning basic document analysis skills, geography, research skills, and reading strategies while discovering Oklahoma’s rich history. As an honors class, this will include more extensive practice with primary source analysis, outside reading, written work using primary sources, and other AP skills.

**Enrollment preference will be given to 9<sup>th</sup> grade students.**

**Native American & Frontier Studies**

One Semester – 0.5 unit of credit

Prerequisite: None

Course Number: 5780

Grade Level(s): 9, 10, 11, 12

Students will study historical foundations of the Native American people using the tribes of Oklahoma as a basic foundation. Language and culture will be explored as a part of the study of diversity among Native Americans. This course is focused the trans-Mississippi region and its place in the territorial expansion of the United States during the Frontier period. Topics may include multicultural influences of Native American cultures, the acquisition of territory, sectional divisions, economic development and the impact of the West on the United States today. This class includes projects, cooperative learning, and research assignments.

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**SCIENCE****STEM: Science Research**

Course Number: 9865

Full Year – 1.0 unit of credit

Grade Level(s): 11, 12

Prerequisite: (1) 'B' or better in both semesters of Biology I Honors AND in both semesters of Chemistry I Honors, (2) recommendation of Biology I Honors and Chemistry I Honors teachers

In this honors-level class, through use of a dedicated research laboratory in the on-campus Phillips 66 STEM Innovation Labs, students are challenged to complete original and independent scientific research that is characteristic of college-level courses. Students work through all of the phases of a research project: generate a research question, conduct a literature review, develop a hypothesis, and collect and analyze data to reach conclusions. Students must do individual research projects – no team projects - and must present their original research in one or more sanctioned competitions.

**TECHNOLOGY****PLTW Computer Science Essentials**

Course Number: 4780

Full Year – 1.0 unit of credit

Grade Level(s): 9, 10, 11, 12

*1.0 units of Computer Technology**Oklahoma's Promise Approved*

Prerequisite: None

In this course students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. They will use a visual programming language and advance to text-based programming. Throughout the course, students will have opportunities to apply computational thinking practices and collaborate just as computing professionals do to create products that address topics and problems important to them. This course prepares students to advance to AP Computer Science Principles, but is not a pre-requisite for that course.

**AP Computer Science Principles**

Course Number: 8851

Full Year – 1.0 unit of credit

Grade Level(s): 9, 10, 11, 12

*1.0 units of Computer Technology**Oklahoma's Promise Approved*

Prerequisite: 'C' or better in both semesters of Algebra I

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Each unit also focuses on one or more computer science-specific career paths. Projects and problems include data processing, data security, and task automation.

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**AP Computer Science A**

Full Year – 1.0 unit of credit

*1.0 units of Computer Technology*

Prerequisite: 'C' or better in both semesters of AP Computer Science Principles

Course Number: 2535

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

AP Computer Science A cultivates students' understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

**PLTW Cybersecurity**

Full Year – 1.0 unit of credit

*1.0 units of Computer Technology*

Prerequisite: 'C' or better in both semesters of AP Computer Science Principles OR 'C' or better in both semesters of AP Computer Science A; teacher approval

Course Number: 2536

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

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**ENGINEERING****PLTW Engineering Essentials**

Full Year – 1.0 unit of credit

Prerequisite: None

Course Number: 87101

Grade Level(s): 9, 10

PLTW Engineering Essentials is designed as a first-exposure experience to inspire students of all backgrounds to explore the breadth of engineer-related career opportunities. Students will explore global engineering challenges and sustainability goals, the impact of engineering, and the variety of career paths available to them.

PLTW Engineering Essentials is geared toward a first-year engineering high school student. By the end of the course, students will understand the various disciplines within the engineering field and how they apply to today's world and future career opportunities; approach and solve problems in different ways including process solutions, mechanical solutions, electronic solutions, and infrastructure solutions; use a variety of industry tools such as geographical information system, computer-aided design, and electrical circuit simulations; and build an engineering mindset and proficiency in key STEM-related career competencies including technical communication, collaboration, computational thinking, systems thinking, project management, and ethical reasoning.

**PLTW Introduction to Engineering Design**

Full Year – 1.0 unit of credit

*1.0 units of Computer Technology*

Prerequisite: Successfully completed Algebra I or Algebra I Honors

Course Number: 9862

Grade Level(s): 9, 10, 11

*Oklahoma's Promise Approved*

This course is conducted in the on-campus Phillips 66 STEM Innovation Labs and introduces students to the engineering design process in which they apply math, science, and engineering standards to hands-on projects. Students work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. The curriculum is based on the national Project Lead the Way Pre-Engineering program. Students who successfully complete this course can elect to continue the next year with PLTW: Principles of Engineering.

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**PLTW Principles of Engineering**

Full Year – 1.0 unit of credit

*1.0 units of Computer Technology*

Prerequisite: Successful completion of both semesters of PLTW: Introduction to Engineering Design

Course Number: 8710

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

This course exposes students to some of the major concepts they will encounter in a post-secondary engineering course of study. They have an opportunity to investigate engineering and high tech careers, developing skills and understanding of concepts through activity, project, and problem-based learning. Students are challenged to hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. Course topics include energy and power, materials and structures, control systems, and statistics and kinematics. In later years, students can elect to continue with a sequence of pre-engineering courses at Tri-County Technology Center; see the separate TCTC Pre-Engineering program listing in this book. This course may be used to meet one (1) computer technology core graduation credit.

**Introduction to Aviation and Aerospace**

Full year – 1.0 unit of credit

Prerequisite: None

Course Number: 8874

Grade Level: 9

The first of a four year plan of study that will provide the foundation for advanced exploration in the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem-solving, and innovations and technological developments that have made today's aviation and aerospace industries possible. Designed to give students a clear understanding of career opportunities in aviation and aerospace and the critical issues affecting the aviation system.

**General Aviation and Aerospace**

Full Year – 1.0 unit of credit

Prerequisite: None

Course Number: 8875

Grade Level(s): 10, 11, 12

A stand-alone course designed to explore the areas of flying, aerospace engineering, and unmanned aircraft systems and provide a clear understanding of career opportunities in aviation and aerospace and the critical issues affecting the aviation system. Students will learn about engineering practices, problem-solving, and innovations and technological developments that have made today's aviation and aerospace industries possible. clear understanding of career opportunities in aviation and aerospace and the critical issues affecting the aviation system.



**2022 – 2023**

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**ACT Prep**

One Semester – 0.5 unit of credit

Prerequisite: None

Course Number: 002711

Grade Level(s): 10, 11, 12

This course is designed to assist students preparing for the ACT college admissions test. The English portion will focus on the study and review of the elements of standard written English. The student will learn rhetorical skills and reading skills. The math portion will concentrate on algebra, geometry, and basic trigonometric processes. Students will practice problem-solving skills such as reading, drawing diagrams, analyzing data, and drawing conclusions.



2022 – 2023

## WORLD LANGUAGES

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### French I

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: None

Recommended: 'C' or better in language arts

Course Number: 003111

Grade Level(s): 9, 10, 11, 12

*Oklahoma's Promise Approved*

This course provides a foundation in grammar, vocabulary, and culture. Communication and self-expression are the main goals. Speaking and listening comprehension, as well as reading and writing skills, are emphasized. Students will begin to compare teenage life in France & the United States. Other Francophone countries will be studied.

### French II

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: French I

Recommended: 'C' or better in French I or teacher approval

Course Number: 003112

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

The main goal is communication and self-expression within the areas of speaking, understanding, reading, and writing French. A continuing study of grammar and vocabulary is included. Students will have an in-depth student of Paris and the different regions of France.

### French III

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: French II

Recommended: 'C' or better in French II or teacher approval

Course Number: 3113

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

This class is intended for students interested in improving proficiency in French. Students will continue their acquisition of French grammar and vocabulary for effective day to day communication. Students will study art and history and explore Francophone countries through literature.

### French IV

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: French III

Recommended: 'B' or better in French III or teacher approval

Course Number: 003114

Grade Level(s): 12

*Oklahoma's Promise Approved*

This course will continue to develop communication in the French language through speaking, reading and writing and is intended for students interested in continuing French studies or receiving credit at the university level. Students will continue a more in depth study of life in France. French literature will be emphasized in this class as students continue to study Francophone culture.



**German I**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: None

Recommended: 'C' or better in language arts

Course Number: 003121

Grade Level(s): 9, 10, 11, 12

*Oklahoma's Promise Approved*

This course provides an introduction to the skills of listening, speaking, reading, and writing within the target language. Recent German history and culture are surveyed through film. *The purchase of an English-to-German dictionary is recommended.*

**German II**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: German I

Recommended: 'C' or better in German I or teacher approval

Course Number: 003122

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

This course provides continuing development of target language skills with emphasis on intermediate grammar. Recent German history and culture are further surveyed through film. *The purchase of an English-to-German dictionary is recommended.*

**German III**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: 'B' or better in German II or teacher approval

Course Number: 003124

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

This course is intended for students pursuing significant proficiency in German. Students can expect smaller class size and heightened German study. *The purchase of an English-to-German dictionary is recommended.*

**German IV**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: 'B' or better in German III or teacher approval

Course Number: 003125

Grade Level(s): 12

*Oklahoma's Promise Approved*

This course will focus on refinement; all target language abilities are further challenged and enhanced. Students can expect smaller class size and rigorous German study. *The purchase of an English-to-German dictionary is recommended.*





**Spanish I**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: None

Recommended: 'C' or better in language arts

Course Number: 003161

Grade Level(s): 8, 9, 10, 11, 12

*Oklahoma's Promise Approved*

Communication and self-expression in Spanish are the main goals. The course provides a strong foundation in grammar, vocabulary, and culture. The approach emphasizes speaking and listening comprehension as well as reading and writing skills.

**Spanish II**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: Spanish I

Recommended: 'C' or better in Spanish I or teacher approval

Course Number: 003162

Grade Level(s): 9, 10, 11, 12

*Oklahoma's Promise Approved*

Communication and self-expression in Spanish are the main goals. Oral comprehension, speaking, reading, and writing skills are stressed. Additional study of grammar and vocabulary is included, as well as the study of the Hispanic culture.

**Spanish III**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: Spanish II

Recommended: 'B' or better in Spanish II or teacher approval

Course Number: 003163

Grade Level(s): 10, 11, 12

*Oklahoma's Promise Approved*

This course is for serious students interested in improving proficiency in Spanish. Students will continue their acquisition of Spanish grammar and vocabulary. Students will use their language skills to develop an understanding of Spanish cultures, and use Spanish for effective day-to-day communication. The core text will be supplemented by numerous authentic sources of reading and listening.



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## WORLD LANGUAGES

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### **Spanish IV**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: Spanish III Pre-AP

Recommended: 'B' or better in Spanish III or teacher approval

Course Number: 003168

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

This course will focus on developing proficiency in Spanish. It will be conducted almost exclusively in Spanish. Listening, reading, writing, and speaking (both presentational and interactive) will be practiced daily in the classroom. Culture of Spanish speaking countries will be explored – in Spanish. A thorough review of Spanish grammar is included. This course is intended for students interested in becoming more proficient in Spanish. Although NOT an Advanced Placement class, this class will prepare you for AP Spanish Language & Culture.

### **AP Spanish Language & Culture**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: 'B' or better in Spanish IV or teacher approval

Course Number: 3165

Grade Level(s): 11, 12

*Oklahoma's Promise Approved*

This course is equivalent to a third-semester college course in Spanish. Students successfully meeting the requirements of this course will be encouraged to take the Advanced Placement Exam in Spanish Language. The course will be conducted almost exclusively in Spanish. Selected pieces of literature will be studied and frequent writing assignments (corresponding to the AP Spanish Language test format) will be made. Students will develop oral proficiency through class discussions and oral presentations. Grammar and vocabulary will be extensively reviewed, with a focus on using authentic sources and communicating at a more advanced level of Spanish.

### **Spanish V**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: 'B' or better in Spanish IV or AP Spanish Language & Culture or teacher approval

Course Number: 3166

Grade Level(s): 12

*Oklahoma's Promise Approved*

This course will continue a focus on developing proficiency in Spanish. It will be conducted almost exclusively in Spanish. Listening, reading, writing, and speaking (both presentational and interactive) will be practiced daily in the classroom. There will be a more in depth study of culture of Spanish speaking countries along with an emphasis on literature with a thorough review of Spanish grammar. This course is intended for students interested in continuing their pursuit of Spanish in college. It will also help prepare for college testing.



2022 – 2023

## WORLD LANGUAGES

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### **Osage I**

Full Year – 1.0 unit of credit

*1.0 unit of World Language*

Prerequisite: None

Course Number: 3216

Grade Level(s): 9-12

*Oklahoma's Promise Approved*

This course provides a foundation in the Osage orthography, grammar, vocabulary, and culture. Speaking and listening comprehension, as well as reading and writing skills, are the main goals of this course. Osage culture and history will be studied to give a broader perspective on how the language developed over time. Students will be able to read and pronounce Osage vocabulary using the Osage orthography. Students will be able to comprehend Osage language while listening and reading and will be able to respond using Osage language, using both verbal and writing skills. Students will study Osage culture, traditions, and history, and compare the culture and traditions from the past, to those of today.



*Students can jump-start their careers with certifications earned at Tri County Tech while they are still in high school. These programs are free to high school juniors and seniors, and some sophomores, who live within the Tri County district. At Tri County Tech, successful futures are built by driven students and instructors who challenge them to be the best they can be. Students gain real world work experience in the state of the art classrooms and labs. The skills learned at Tri County Tech are necessary to thrive in today's workforce or higher education.*

**Applied Welding Technology**

Full Year – 4.0 units of credit

2 year program

*Potential Certification: Oklahoma State Welding Test (Steam Card)*

Prerequisite: Application required

Course Number: 009541

OCAS Code: 9707

Grade Level(s): 11, 12

Ignite your passion and watch as it burns to a successful career. In Tri County Tech's Applied Welding Technology program, you will learn various welding techniques and procedures, giving you a masterful touch in this highly valued craft. The program will focus on techniques such as arc welding (SMAW), gas metal (GMAW) & tungsten arc welding (GTAW), and oxy-fuel cutting. Take the first steps to become a shop supervisor by learning proper shop organization and blueprint reading. Applied Welding Technology will have you ready to earn a certification in Stick, TIG, and MIG welding, allowing higher starting pay and a head start to a fiery career.

**Auto Collision Repair Technology**

Full Year – 4.0 units of credit

2 year program

Prerequisite: Application required

Course Number: 009041

OCAS Code 9904

Grade Level(s): 11, 12

From the moment you step into the state-of-the-art workshop, you will receive hands-on training. Automotive collision repair training includes painting vehicles, professional-grade refinishing, and non-structural body repair. Basic instruction focuses on the Automotive Service Excellence (A.S.E.) Task List, which is designed to meet national accreditation requirements. Collision repair is a craft that demands hand-eye coordination, artistry and skill that can lead you to a rewarding occupation both professionally and financially.



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**Auto Service Technology**

Full Year – 4.0 units of credit

2 year program

Prerequisite: Application required

Course Number: 009044

OCAS Code: 9906

Grade Level(s): 11, 12

Fuel your career in Tri County Tech’s Automotive Service Technology! Get your hands greasy and dive headfirst into the inner workings of vehicles. Work in a full-scale auto shop on a variety of vehicle makes. You will become a trained professional in engine repair and performance, electrical, steering and suspension systems, automotive air conditioning, and brakes. Auto Service offers a hands-on experience, including live-work projects and specialized tools that will prepare you for the A.S.E. Certification exam. Upon completion of the program, graduates will have gained one year of relevant work experience.

**Computer Repair and Networking**

Full Year – 4.0 units of credit

2-year program

*Potential Certifications: CompTIA A+, CompTIA Net+, IC3 Digital Literacy*

*Oklahoma’s Promise Approved: 3.0 units of Computer Technology available (Computer Repair & Troubleshooting I, Computer Repair & Troubleshooting II, Fundamentals of Technology)*

Prerequisite: Application required; successful completion of Algebra I

Course Number: 8123

OCAS Code: 9547

Grade Level(s): 11, 12

As the world grows smaller, our networks grow larger. While we continue into the 21<sup>st</sup> century, computers have embedded themselves as an essential tool in today’s society. With Tri County Tech’s Computer Repair and Networking program, you will learn the ins and outs of these crucial tools. Work with hardware and software to understand these modern machines and unlock their full capabilities. Focusing on programming, networking, hardware, and software, you will leave the program with a well-rounded education that will open the doors for a technology-driven career.



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**Construction Technology**

Course Number: 009184

Full Year – 4.0 units of credit

OCAS Code: 9098

2 year program

Grade Level(s): 11, 12

Qualifies for Construction Industry Board Apprenticeship Credit

Potential Certifications: NCCER Core Curriculum, NCCER Level 1: Carpentry, Electrical, Plumbing, & HVAC, OSHA 10, Forklift License

Prerequisite: Application required; successful completion of Algebra I

Build the future you want, literally. Construction is projected to be one of the most highly demanded jobs through 2022, with an estimated 1.4 million NEW craft professionals needed according to the Construction Labor Market Analyzer, October 2018. Tri County Tech’s Construction Technology program prepares students to meet that demand and begin a career in the trades. With pathways into carpentry, electrical, plumbing, HVAC, and more, this program provides a foundation of skills that will help you be successful in the industry. Upon completion of the program, students can earn five nationally recognized NCCER (National Center of Construction Education and Research) Level 1 certifications. This program has also been approved by the Mechanical Construction Industry Board (CIB) for 250 hours of apprenticeship in HVAC. Work with your hands to build the future you want, learn proper techniques to be successful in the industry, and start your career as a craft professional.

**Cosmetology**

Course Number: 009161

Full Year – 4.0 units of credit

OCAS Code: 9478

2 year program

Grade Level(s): 11, 12

*Potential Certifications: State Board of Cosmetology License*

Prerequisite: Application required; State Board of Cosmetology requirements; Students must be 16 years old by November 5 of their first semester in the program

With trends and styles constantly changing, the cosmetology industry is continuously evolving into a more complex and artistic profession. Nail, esthetician, and hair services allow students creative freedom while supplying customized services to customers. Tri County Tech’s Cosmetology program will help develop strong human relation skills, a significant component of the field, along with cutting-edge techniques. You will be prepared for an exciting career emphasizing your creativity and entrepreneurial skills. Hands-on instruction combined with the practical experience in our on-site, appointment-based salon helps each student prepare to take the State Board of Cosmetology Licensing exam.



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**Creative Marketing Communications**

Full Year – 4.0 units of credit

2 year program

*Meets Oklahoma’s Promise Requirement: 1.0 units of Computer Technology available (OCAS Code: 8150 Multimedia Image Management)*

Prerequisite: Application required

Course Number: 0084650

OCAS Code: 9783/9784

Grade Level(s): 11, 12

From Mom and Pop shops to business empires, every organization needs brand recognition. Whether entering the entertainment industry, the world of sports, or the fashion scene, the Marketing Management Program will leave you prepared for a successful career. You will work with real-world clients on a project-based curriculum tailored to your particular interest. Learn to create effective marketing campaigns, develop sales techniques, and gain insight on how to build a business. Get the knowledge to not only survive in the business world but thrive in it.

**Culinary Arts**

Full Year – 4.0 units of credit

2 year program

*Potential Certifications: Food Handlers Card, American Culinary Federation Fundamentals Baker or Cook*

Prerequisite: Application required

Course Number: 009600

OCAS Code: 9426

Grade Level(s): 11, 12

The Hospitality Industry is one of the nation’s largest employers offering many employment opportunities; from high-end restaurants to cruise ships, the possibilities are endless. Expand your palate in the Culinary Arts program where you will work in a tasteful environment, giving you first-hand experience in a commercial kitchen. The student-operated Osage Market provides a realistic work environment and an opportunity to apply what you have learned in the classroom. You will work in rotating stations such as bakery, hot food prep, cold foods, grill, cash register, steward, catering, and dish room. **#recipeforsuccess**

**Early Care and Education**

Full Year – 4.0 units of credit

2-year program

*Potential Certifications: Entry Level Child Care Training, Master Teacher, CPR & First Aid, Child Development Associate Credential, Fingerprint Background Check*

Prerequisite: Application required

Course Number: 9501

OCAS Code: 9480

Grade Level(s): 11, 12

Mold the minds of young children as you teach them to lead healthy and happy lives. Gain hands-on experience with children ages six weeks to five years in the 3-star, NAEYC Accredited Child Development Center. Help shape the foundation of our future with educational, emotional, and physical development. Nurture close relationships with the children, their families, and communities. Upon completion of the program, students will have the necessary training and experience to obtain your Child Development Associate credentials.



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**Drones & Aviation (NEW)**

Full Year – 4.0 units of credit

2-year program

*Oklahoma's Promise Approved: 1.0 unit of Computer Technology available (Multimedia Image Management)*

Prerequisite: Application required

Course Number: 009992

OCAS Code: 8874, 8875, 8876, 8805

Grade Level(s): 11, 12

This exciting new program will give students an opportunity to explore Oklahoma's second largest industry – Aviation. Drone technology has given rise to many new [career opportunities](#), and the age requirement to receive a commercial drone pilot license is just 16 years old! You will learn how to fly drones, understand drone technology, collect data, and learn about pathways to various job certifications in aviation. Students will also get hands-on experience in drone applications such as photography, videography, 3d modeling, and thermal imaging.

**Energy & Power**

Full Year – 4.0 units of credit

2-year program

Prerequisite: Application required

Course Number: 0091841

OCAS Code: 9736

Grade Level(s): 11, 12

Energy and Power play a huge role in our local economy. In this new program you will complete hands-on projects to understand the interplay of the generation, distribution and the use of energy. Students will learn how to design and construct motors, pumps, heat exchangers, hydraulics and pipeline systems. Students will also work with renewable and non-renewable energy generation, transformers and the electrical grid to understand how energy travels along power lines. Five types of energy will be explored -- mechanical, heat, chemical, electromagnetic and nuclear power. Additionally, students will learn about automation by programming and managing robotics.

**Medicine & Biosciences**

Full Year – 1.0 or 2.0 units of credit

*Oklahoma's Promise Approved: 4.0 units of Science available (Principles of Biomedical Science, Human Body Systems, Medical Interventions, Biomedical Innovations)*

*Potential Certifications: Biotechnician Assistant Certification, CPR & First Aid, Medical Terminology*

Prerequisite: Application required; successful completion of Biology I.

Course Number: 009852

Grade Level(s): 10, 11, 12

Designed for the curious and catered for discovery, the Medicine & Biosciences Program redefines the traditional textbook curriculum. Working on ambitious experiments, the project-based program strengthens students' problem-solving skills in a variety of settings. Students will take a microscopic look at human body systems, explore various health conditions, and determine medical interventions. The Medicine & Biosciences program provides students enrichment by incorporating real-world experiences that carry over into the broad fields of medicine and biosciences.





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**Precision Machining**

Full Year – 4.0 units of credit,  
2-year program

*Potential Certifications: National Institute for Metalworking Skills*

Prerequisite: Application required; successful completion of Algebra I

Course Number: 009990

OCAS Code: 9697/9679

Grade Level(s): 11, 12

Manipulate matter to the finest detail! In Tri County Tech’s Precision Machining Operations program, you will learn the proper techniques to become a certified, career-ready machinist. Gain knowledge of essential machine tools like computer-controlled and manual mills and lathes, drill presses, grinders, and using standard metalworking hand tools. You will learn to read blueprints, quality control, metal properties, and heat treatment of machine-ready metals. You will train to program, set up, and operate computer numeric controlled (CNC) machines.

**Pre-Engineering**

Full Year – 1.0 or 2.0 units of credit

*Oklahoma’s Promise Approved: 1.0 units of Computer Technology (Computer Integrated Manufacturing)*

Prerequisite: Application required; successful completion of Introduction to Engineering Design, Biology, Algebra I and Geometry; successful completion of or concurrent enrollment in Principles of Engineering Design. Available Courses: OCAS Code: 8715 Aerospace Engineering; OCAS Code: 8712 Computer Integrated Manufacturing; OCAS Code: 8711 Digital Electronics; OCAS Code: 8713 Civil Engineering and Architecture.

Course Number: 009183

OCAS Code: Course specific

Grade Level(s): 11, 12

The Pre-Engineering program is designed to give you a first-hand-look into the competitive world of engineering. The award-winning Project Lead the Way curriculum combines higher-level math and science courses with a sequence of engineering courses to better prepare students for college. Teamwork based projects will have you researching, designing, and constructing solutions to real-world engineering problems.

**Pre-Nursing**

Full Year – 4.0 units of credit,  
1-year program

*Oklahoma’s Promise Approved: 1.0 units of Science (Anatomy (0.5 unit), Physiology (0.5 unit))*

*Potential Certification: Certified Nurse Aide*

Prerequisite: Application required

Course Number: 009308

OCAS CODE: 9301

Grade Level(s): 11, 12

You don’t need a stethoscope to know nurses have huge hearts! Tri County Tech’s Pre-Nursing program allows you to put your best foot forward into a rewarding healthcare career. The one-year program has been developed, in cooperation with medical professionals, to educate students with clinical experiences. You will have hands-on training in our newly renovated facility to become a certified nursing assistant. Upon the completion of the program, you will be qualified to take the state certification exam necessary for entry-level employment as a CAN. The program focuses on the study of medical terminology, infection control, medical law and ethics, vital signs, CPR, first aid, and employability skills.



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**Teacher Prep**

Course Number: 8124

Full Year – 4.0 units of credit

1-year program

Grade Level(s): 11, 12

*Potential Certification: Para Professional*

Prerequisite: Application required; teacher, counselor or administrator recommendation

Explore one of the most fulfilling fields and directly impact young students with Tri County Tech’s Teacher Prep Program! Explore human growth and development, learn instructional methods, and master classroom management. Our specialized classroom mimics a real classroom environment, preparing you for a six-week internship that offers a hands-on opportunity to work with students in a classroom setting. Prior to completion of the program, you will take the Education Fundamentals Assessment and the Praxis® Parapro. This will allow you to begin working immediately in a classroom setting or give an early advantage for acceptance into a college education program.