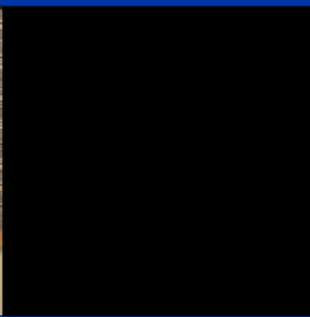
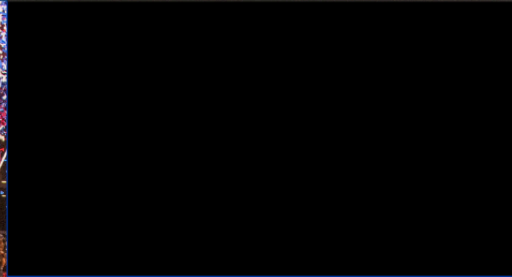
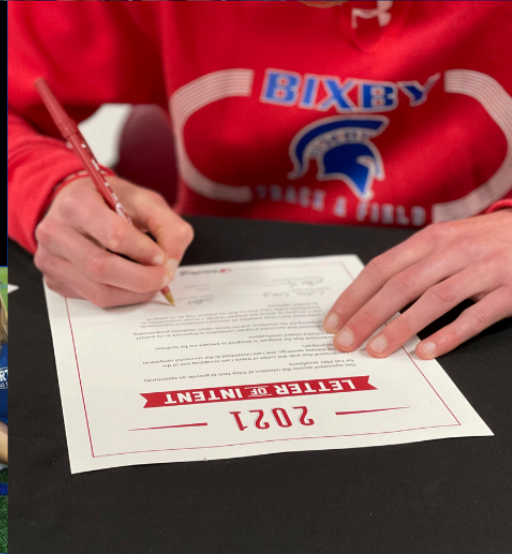


BIXBY HIGH SCHOOL & BIXBY 9TH GRADE CENTER

COURSE GUIDE

2024 - 2025



WELCOME TO THE 9GC & BHS COURSE GUIDE!

9th Grade Center Enrollment Overview



Access Enrollment Slide Deck:

- bixbyps.info/9gcenrollmentslides

Other Details:

- [View the one-pager](#)

BHS Enrollment Overview



Access Enrollment Slide Deck:

- bixbyps.info/hsenrollmentslides

Other Details:

- [Course Request Forms](#)

PLANNING / SCHEDULING PROCESS

This course guide is a synopsis of the courses to be offered during the 2024-2025 school year. It includes required and elective courses and is designed to aid students and their parents in the selection of courses for the upcoming school year. Demand for courses during pre-enrollment and classroom availability will determine actual class offerings.

SCHEDULE CORRECTIONS

All schedule corrections must be made within the first 10 days of each semester using the schedule change request form provided by counselors.

Schedule corrections are contingent upon availability of classes and class sizes (including virtual classes) and are at the discretion of administration.

TABLE OF CONTENTS

WELCOME TO THE 9GC & BHS COURSE GUIDE!	2
PLANNING / SCHEDULING PROCESS	2
TABLE OF CONTENTS	3
ADMINISTRATION & COUNSELORS	9
GRADUATION REQUIREMENTS	10
OKLAHOMA COLLEGES & UNIVERSITY ENTRANCE REQUIREMENTS	11
OKLAHOMA'S PROMISE	11
COURSE DESCRIPTIONS	12
COURSE FEES	12
ATHLETICS & NCAA REQUIREMENTS	70
VIRTUAL LEARNING: SPARTAN CONNECTION ACADEMY	70
DUAL ENROLLMENT & OTHER OPPORTUNITIES	71
COURSE INDEX	73

ADMINISTRATION & COUNSELORS

BIXBY HIGH SCHOOL			
Principal	Mickey Replogle	mreplogle@bixbyps.org	Visit: <u>BHS Homepage</u> <u>Counseling Webpage</u> <u>Spartan Connection Academy</u>
Assistant Principal A-F	Kyle Smith	ksmith@bixbyps.org	
Assistant Principal G-N	Rhonda Taylor	rtaylor@bixbyps.org	
Assistant Principal O-Z	Josh Regnier	jregnier@bixbyps.org	
Director of Virtual Programs	Wes Coleman	wcoleman@bixbyps.org	
Counselor A-D	Brooke Puckett	bpuckett@bixbyps.org	
Counselor E-K	Courtney Smith	csmith@bixbyps.org	
Counselor L-R	DeLyn McBride	dmcbride@bixbyps.org	
Counselor S-Z	Casey Machado	cmachado@bixbyps.org	
College & Career/ICAP Coordinator	Kelley Rampey	krampey@bixbyps.org	
BIXBY 9TH GRADE CENTER			
Principal	Curtis Whiteley	cwhiteley@bixbyps.org	Visit: <u>9GC Homepage</u> <u>Counseling Webpage</u>
Assistant Principal	BJ McBride	bmcbride@bixbyps.org	
Counselor A-K	Stephanie Butler	stephaniebutler@bixbyps.org	
Counselor L-Z	Sandy Thompson	sthompson@bixbyps.org	
ATHLETICS			
Executive Director of Athletics	Kate Creekmore	kcreekmore@bixbyps.org	Visit: <u>Athletics Homepage</u>
Assistant Director of Athletics	Doug Nold	dnold@bixbyps.org	
Assistant Athletic Director of Facilities/ OSSAA Compliance	Jaime Snyder	jsnyder@bixbyps.org	

GRADUATION REQUIREMENTS

In order to graduate from a public high school accredited by the State Board of Education with a standard diploma, students shall complete the following college preparatory/work ready curriculum units or sets of competencies at the secondary level. According to law, **a student will automatically be enrolled in the college preparatory/work ready curriculum**. However, a parent/guardian may choose to enroll the student in the core curriculum for high school graduation by signing the Parental Curriculum Choice Letter. (*Title 70 O.S 11-103.6*). See the student's high school counselor for more information or to obtain a letter.

Print the Credit Check Worksheet		
Courses	College Prep Track	Core Diploma Track
English: 4 units	English I,II,III,IV Concurrent enrollment - Comp I/II may also meet up to 2 units	English I, English II, English III, English IV
Mathematics: 3 units (9 th -12 th)	Algebra 1, Geometry, Algebra II, or higher (Intermediate Algebra does not count toward the 3 units)	Algebra 1; Geometry; Intermediate Algebra; Algebra II or higher; Computer Science allowed for the 3 rd unit
Science: 3 units	1 unit Biology; 1 unit Physical Science, Chemistry or AP Physics; 1 additional unit of student's choice	1 unit Biology; 1 unit Physical Science, Chemistry, or AP Physics; 1 additional unit of or a qualifying Agricultural Education course
Social Studies: 3 units	½ unit OK History; 1/2 unit Government; 1 unit US History; 1 unit other approved History course	½ unit OK History; 1/2 unit Government; 1 unit US History; 1 unit other approved History course
World Language or Computer Technology	2 units from the same language or 2 units of Computer Technology courses	1 unit of World Language or Computer Technology
Additional Credits/Electives	1 additional core class selected from any of the above areas; and 7 additional elective units	9 additional elective credits
Fine Arts Competencies	Embedded in 10 th grade History courses	Embedded in 10 th grade History courses
ICAP	Yearly requirements embedded in Canvas "ICAP" course	Yearly requirements embedded in Canvas "ICAP" course
Personal Financial Literacy	16 Lessons and Quizzes located in Canvas under the ICAP course; must be completed by graduation	16 Lessons and Quizzes located in Canvas under the ICAP course; must be completed by graduation
US Naturalization Test	Given in 9 th grade; Students must pass (Class 2025 and beyond). Additional test opportunities 10 th -12 th	Given in 9 th grade; Students must pass (Class 2025 and beyond). Additional test opportunities 10 th -12 th
State Testing	11th grade CCRA Science and US History tests; CCRA English & Math (ACT State test)	11th grade CCRA Science and US History tests; CCRA English and Math (ACT State test)

OKLAHOMA COLLEGES & UNIVERSITY ENTRANCE REQUIREMENTS

** These requirements apply to post-secondary college admission. For information on dual enrollment (college credit DURING highschool), please see the dual enrollment section of the course guide.**

College	Option 1			Option 2		Option 3	
	ACT	SAT	GPA*	ACT	SAT	GPA	Class Rank
University of Oklahoma	22+ holistic scoring	holistic scoring	holistic scoring	holistic scoring	holistic scoring	holistic scoring	holistic scoring
Oklahoma State University	24	1160	3.0	21	1060	3.0	Top 33%
Regional University	20	1030	2.7	No minimum	No minimum	2.7	Top 50%
Two-Year Colleges	No minimum	No minimum	No minimum	No minimum	No minimum	No minimum	No minimum







OKLAHOMA'S PROMISE



Oklahoma's Promise is a program that rewards students who could do well in college but whose families do not have the money to send them. The Oklahoma Legislature will pay for a student's college tuition if his or her family meets federal adjusted gross income requirements. See [here](#) for more information for parents and families.

COURSE DESCRIPTIONS

Course Track Legend

Graduation Requirement	Offered at 9GC ONLY	College Prep Curriculum	Life Science	Physical Science	Weighted/AP Course
					



Please read full course descriptions and prerequisites before choosing:

Course selections should be firm decisions, thoughtfully made by the student after careful consideration and consultation with parents, teachers, and counselors. Consideration should be given to a) graduation requirements, b) prior successes and failures, c) special interests and aptitudes, d) college and career plans, and e) course prerequisites. Please visit with a school counselor for questions. **All courses are FULL-YEAR courses, unless noted.**

COURSE FEES

Some courses require students to pay fees to cover the cost of supplies, workbooks, uniforms, etc. Any student desiring to enroll in one of these courses who is unable to pay the fees should contact a counselor or the teacher.

ADVANCED PLACEMENT PROGRAM & HONORS COURSES

 <p>BHS offers 20+ AP courses in a multitude of content areas</p>	<p>Why AP Courses?</p> <ul style="list-style-type: none"> • Prepare students for the rigor of college. • Allow students to take college-level classes and possibly receive college credit. • Grades are indicators of college success. • Honors = weighted at a 5 • AP = weighted at a 6 if AP Exam is passed with a 3,4,5 • Honors and AP Courses often require students to complete summer reading/assignment prior to the first day of school • Visit http://apcentral.collegeboard.com for more information. 	<p>See HERE for more information.</p> <p>Noted with a:</p> 
--	---	---




ENGLISH








Coming Soon!




ENGLISH Units Required: 4



Program	9th	10th	11th	12th
College & Career Ready ⇒	English I	English II	English III OR Concurrent Comp I	English IV OR Concurrent Comp II
Accelerated Track ⇒	Honors English I	Honors English II	AP Language & Composition or OR Concurrent Comp I	AP Literature & Composition or OR Concurrent Comp II
Notes:	<ul style="list-style-type: none"> • **Students must take 4 English courses in grades 9-12** • Other classes may be available. Students should discuss these opportunities with their school counselor. 			



English I	Course #: 4045	Grade(s): 9	  
Description			
Students in this course will continue their study of language analysis and will deepen how language works through the study of broad nonfiction and fiction selections. Through close reading, writing, and research: students will develop their ability to work with language and text with greater awareness of purpose and strategy, while strengthening their own composition abilities.			


Music as Literature	Course #: 4045	Grade(s): 9	 
Description			
This innovative English course offering will serve as an alternative option to traditional English class by delving into music history and approaching music and lyrics as a valuable form of literature. This course will provide students with a diverse contextual understanding of twentieth and early twenty-first century music history with an emphasis on both popular and majorly influential artists, albums, and songs. *This course will serve as an English class for graduation requirements and will cover required state standards.			


Honors English I	Course #: 4045H	Grade(s): 9	  
Description			
<p>Prerequisite(s): It is strongly recommended students have at least a “B” English grade average and satisfactory or above OSTP test scores in ELA. A summer reading assignment is required. Students in this course will continue their study of language analysis and will deepen their awareness of rhetoric and how language works through the study of broad and challenging nonfiction and fiction prose selections. Through close reading, frequent writing, and research students will develop their ability to work with language and text with greater awareness of purpose and strategy, while strengthening their own composition abilities in literary analysis, argument, and synthesis.</p>			


Honors Music as Literature	Course #: 4045H	Grade(s): 9	  
Description			
<p>For the Honors section of Music as Literature, students can expect an elevated and enriched version of the innovative English course offering that will require a heightened level of engagement, writing, and critical analysis from students. Students enrolled in this course will delve into the nuanced connections between historical events, cultural shifts, and musical evolution. Emphasizing majorly influential artists, albums, and songs; students will be challenged to undertake more extensive outside-of-class work, including in-depth readings, advanced research projects, and critical reflections</p>			


English II	Course #: 4048	Grade(s): 10	 
Description			
<p>Students will continue their study of grammar, usage, and mechanics through writing, sentence corrections and by proof-reading/editing compositions. Students will focus on building a reading vocabulary and working on effective communication skills in a variety of modes. The study of literature will include a survey of poetry, short stories, novels, and plays. Students will read, analyze, and write about the literature they read.</p>			

Honors English II	Course #: 4048	Grade(s): 10	 
Description			
<p>Prerequisite(s): Honors or PreAP English I or an “A” in English I is recommended; Summer reading Students will review grammar, usage, and punctuation through regular sentence corrections and frequent writings. Emphasis in literature is placed on an analysis of stories, novels, and drama. Students will develop various types of composition such as the standard essay response and critical analysis of literary selections. This course will help prepare students for Advanced Placement exams, aid in developing speaking skills, and utilize computer software.</p>			

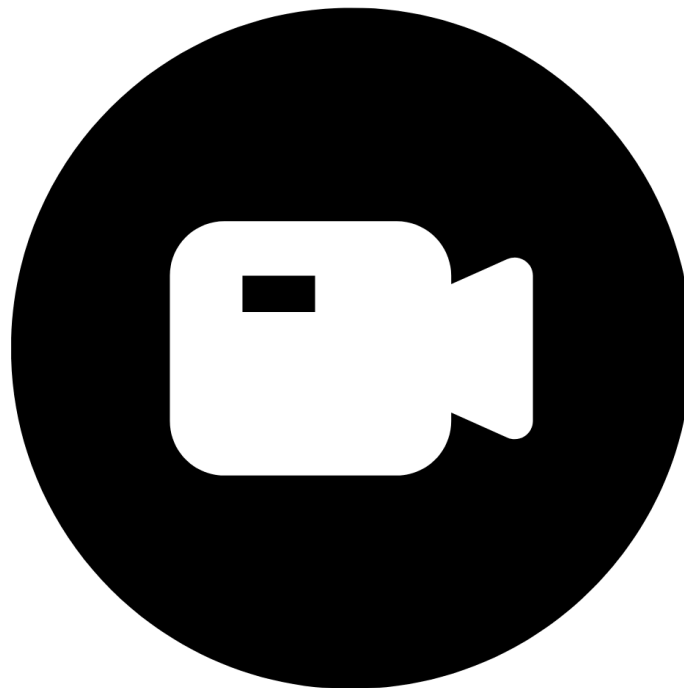
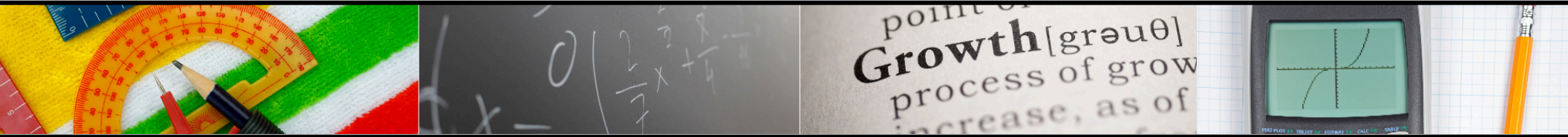
English III	Course #: 4051	Grade(s): 11	 U
Description			
<p>This course covers standard writing conventions, organized composition, and literature through works of fiction and nonfiction including recurrent themes in American literature while examining the foundational works of American political philosophy behind those themes. Students write the required types of compositions for this level: a basic five-paragraph essay, a rhetorical analysis, a literary analysis, and a persuasive research paper.</p>			

AP English Language & Composition	Course #: 4057	Grade(s): 11	U 
Description			
<p>Prerequisite(s): An “A” in English II or a “B” or higher in Honors/PreAP English II is recommended; Summer reading</p> <p>This course emphasizes rhetoric through the study of nonfiction and some fiction. Students will practice close reading, responsive writing, and critical thinking to understand argument and rhetorical analysis. They’ll analyze how language shapes meaning, exploring persuasion in various contexts. The course enhances oral and written expression skills, preparing students for the AP exam.</p>			




English IV	Course #: 4054	Grade(s): 12	 U
Description			
<p>This course emphasizes college and career readiness through composition, critical thinking, and exploring current issues. Students analyze various forms of text, including short stories, essays, and non-fiction, to gain insights into course themes such as career writing, grammar, personal essays, and literature studies.</p>			



AP English Literature & Composition	Course #: 4010	Grade(s): 12	U 
Description			
<p>Prerequisite(s): An A in English III or a B in AP Language is recommended; Summer reading</p> <p>This college-level course focuses on the study of literary analysis, emphasizing fictional literature with the inclusion of a few non-fiction articles. Students will hone the skills of argument and literary analysis through the practice of close reading, focused writing, and critical discussions. Students will learn to read a novel or play with a larger awareness of stylistic features, structure, meaning, and value. Students will be engaged in test preparation exercises including poetry analysis, passage analysis, timed essay writing, and practice exams. Students are expected to attempt the AP exam at the end of the year.</p>			



MATH





Coming Soon!


MATH Units Required: 3					
Program	8th	9th	10th	11th	12th
College & Career Ready 	Pre-Algebra	Algebra I	Geometry	Algebra II	Algebra III
	Baseline for all students <ul style="list-style-type: none"> Meets all graduation requirements On-ramps available at specific points to an advanced path 				
One-Year Advanced 	Algebra I	Honors Geometry	Honors Algebra II	Honors Pre-Calculus or AP Pre-Calculus	AP Calculus AB or AP Stat or Concurrent Enrollment
	Appropriate for students who excel in mathematics, have an understanding of advanced math concepts, and are capable of working at an accelerated pace. Recommended pathways for STEM-based majors. <ul style="list-style-type: none"> Meets all graduation requirements and provides pathway through AP Calculus AB OR AP Stat OR Concurrent Enrollment On-ramps available at specific points to two-year advanced path 				
Two-Year Advanced 	Geometry	Honors Algebra II	Honors Pre-Calculus or AP Pre-Calculus	AP Calculus AB or AP Stat or Concurrent Enrollment	AP Calculus BC or AP Stat or Concurrent Enrollment
	Appropriate for students who excel in mathematics, have an understanding of advanced math concepts, and are capable of working at an accelerated pace. Recommended pathways for STEM-based majors. <ul style="list-style-type: none"> Meets all graduation requirements and provides pathway via AP Calculus BC OR Concurrent Enrollment 				
Notes:	<ul style="list-style-type: none"> **Students must take 3 mathematics courses in grades 9-12** Other classes may be available. Students should discuss these opportunities with their school counselor. 				


Algebra I	Course #: 4411	Grade(s): 9	9  
Description			
Algebra 1 covers the use of numbers, sets, variables, properties of the real number systems, the use of signed numbers, solving linear equations and inequalities, the four basic operations on polynomials and rational expressions, irrational numbers, factoring and the development of the ability to read, interpret and solve problems. Students will have access to a graphing calculator in the classroom and can be taught how to locate web based options for a graphing calculator at home. For convenience, you may choose to buy a personal graphing calculator (TI-84 Plus CE).			


Geometry	Course #: 4520	Grade(s): 9, 10	 
Description			
Prerequisite(s): Algebra I Students will study congruent segments and angles, circle chords, secants, and tangent segments, parallel and perpendicular lines, angle measure in triangles, triangle congruence and similarity, proofs, logic, similar triangles, transformations, the Pythagorean Theorem, coordinate geometry, and surface area and volume of solids.			


Honors Geometry	Course #: 4520H	Grade(s): 9	9  
Description			
Prerequisite(s): Successful completion of 8th grade Algebra I with an A or B, or principal approval This course is for the student who has successfully completed Algebra 1 in 8th grade. It stresses the importance of logical thinking and effective communication (precise mathematical language) through the study of formal proofs. Spatial relationships, postulates and theorems are studied in-depth. Trigonometry and analytic geometry are introduced.			



Intermediate Algebra	Course #: 4418	Grade(s): 10, 11, 12	
Description			
<p>Prerequisite(s): Algebra I & Geometry</p> <p>This course is designed to be a bridge between Algebra I, Geometry, and success in Algebra II. Many Algebra I topics are reviewed and expanded. The emphasis will be on remediation of algebra skills and introduction to Algebra II skills. The use of a graphing calculator is an integral part of this course. It is strongly recommended that students purchase a graphing calculator. This course does not meet the math requirements for college bound students.</p>			


Algebra II	Course #: 4412	Grade(s): 10, 11, 12	
Description			
<p>Prerequisite(s): Algebra I & Geometry</p> <p>This course involves a very brief review of Algebra I concepts, solving systems of linear equations, open sentences, functions, factoring polynomials, working with exponents, fractions, irrational and complex numbers, quadratic equations, and quadratic relations. The course is designed to prepare the student for further study in mathematics and/or vocations dealing with applied mathematics. The use of a graphing calculator is an integral part of this course. It is strongly recommended that students purchase a TI-84 graphing calculator.</p>			


Honors Algebra II	Course #: 4412H	Grade(s): 9, 10, 11, 12	
Description			
<p>Prerequisite(s): Successful completion of Honors/PreAP Geometry with an A or B is recommended.</p> <p>This course is an advanced study of equations and functions, using a graphical approach. Equations and functions in the following families will be studied: linear, quadratic, rational, irrational, radical, complex numbers, exponential, logarithmic, conic, and trigonometric. The use of a graphing calculator is an integral part of this course. TI-84 calculators are recommended.</p>			


Algebra III	Course #: 4413	Grade(s): 10, 11, 12	
Description			
<p>Prerequisite(s): Algebra II Supplies Required: TI- 84 graphing calculator</p> <p>This course is designed for students who have completed Algebra II and want to continue in a college prep College Algebra course. They include: quadratic and rational equations, quadratic inequalities, relations and functions, systems of equations, complex numbers, permutations, combinations, probability, the binomial theorem, series and sequences, logarithms, matrices, and determinants. The use of the TI-84 graphing calculator is an integral part of this course.</p>			


Statistics & Probability	Course #: 4740	Grade(s): 10, 11, 12	
Description			
<p>Prerequisite(s): Algebra II</p> <p>This course is designed to develop statistical literacy through the study of concepts of data analysis, statistics, and probability. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference and data interpretation. Students will learn to ask a statistical question, collect appropriate data to answer questions, analyze results from the data and interpret their results and make connections.</p>			


Honors PreCalculus	Course #: 4611	Grade(s): 10, 11, 12	 
Description			
<p>Prerequisite(s): Algebra II with a “B” or higher or Honors/PreAP Algebra II recommended Supplies Required: TI-84 graphing calculator</p> <p>This class is designed for those students intending to enroll in AP Calculus. The purpose of this class is to explore functions such as: linear, quadratic, polynomial, rational exponential, logarithmic and trigonometric. Other topics to be discussed are analytical geometry, an introduction to limits and other calculus topics. The use of the TI-84 graphing calculator is an integral part of this course.</p>			

AP PreCalculus	Course #: 46**	Grades: 10, 11, 12	
Description			
<p>Prerequisite(s): Algebra II and Geometry (Honors or On-level) is recommended Supplies Required: TI-84 graphing calculator</p> <p>This calculus preparatory course is designed to meet the curricular requirements for AP Precalculus. This course consists of an advanced study of functions (polynomial, rational, exponential, logarithmic, parametric, and trigonometric) as well as vectors, matrices, and polar equations. There will be a major emphasis on the use of graphing calculators and graphing utilities in this course. Students planning on continuing studying for math-related fields in high school or college are strongly encouraged to enroll in this course; additionally, this will serve as a prerequisite for AP Calculus AB and/or AP Calculus BC.</p>			

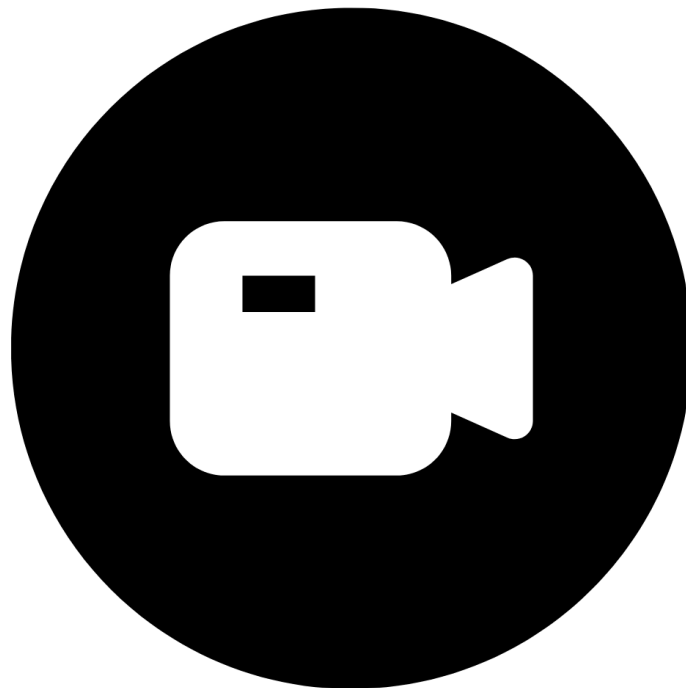
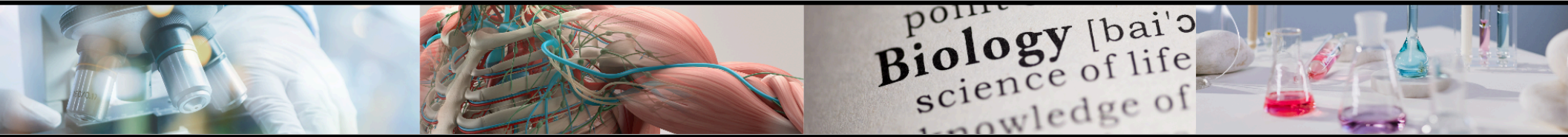
AP Calculus AB	Course #: 4615	Grades: 11, 12	
Description			
<p>Prerequisite(s): PreCalculus I or Math Analysis/Trig (C or better recommended) Supplies Required: TI-84 or TI-89 graphing calculator</p> <p>This course is designed to develop student understanding of the concepts of calculus and experience with methods and applications. The course emphasizes an approach to calculus with concepts, results, and problems expressed geometrically, numerically, analytically, and verbally. A graphing calculator is used daily and is an integral part of this course. This challenging and demanding course prepares students for the AP exam which they are urged to take in May.</p>			

AP Calculus BC	Course #: 4616	Grades: 11, 12	
Description			
<p>Prerequisite(s): Calculus AB Supplies Required: TI-84 or TI-89 graphing calculator</p> <p>AP Calculus BC extends the content learned in Calculus AB to different types of equations and introduces the topic of sequences and series. The course covers the topics and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series.</p>			

AP Statistics	Course #: 4760	Grades: 10, 11, 12	
Description			
<p>Prerequisite(s): Algebra II and 2.5 GPA is recommended Supplies Required: TI-84 graphing calculator</p> <p>The purpose of statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, and anticipating patterns and statistical inference. This course is both challenging and demanding and will prepare the students for the AP exam which they are urged to take in May.</p>			

TCC Math Learning Community: Algebra III to PreCalc I	Grades: 11, 12	
Description		
<p>Prerequisite(s): Completion of Alg II, acceptance to TCC, & ACT subscores in math 19 and reading 19.</p> <p>Supplies and/or Fees Required: TCC course fees</p> <p>Students will begin the fall semester enrolled in a traditional teacher-led Algebra 3 course at BHS. In the spring, those students who meet TCC eligibility & admissions requirements will enroll in a concurrent enrollment TCC online PreCalc I course (MATH 1513). Content covered includes relations and functions, algebra of functions, polynomial & rational functions, systems of equations, etc.</p>		

SCIENCE








Coming Soon!




SCIENCE Units Required: 3



(1) Life Science (Biology), (1) Physical Science (physics, chemistry or physical science), & (1) additional lab science


Program	8th	9th	10th	11th	12th
College & Career Ready ⇒	8th Grade Science	Biology OR Physical Science	Chemistry OR Physics	Science Options: Bio-Med (Bio-Med 2), Anatomy & Physiology, Environmental Science, Forensics, Geology, Zoology	
	Default/Baseline for all students <ul style="list-style-type: none">Meets all graduation requirementsOn-ramps available at specific points to an advanced path				
One-Year Advanced ⇒	Physical Science	Honors Biology	Honors Chemistry OR AP Physics	AP Science Options: AP Chemistry, AP Biology, AP Environmental Science, AP Physics II, AP Physics C	
	Appropriate for students who excel in science and mathematics, have an understanding of advanced concepts, and are capable of working at an accelerated pace. Recommended pathways for STEM-based majors. <ul style="list-style-type: none">Meets all graduation requirements. Provides pathway to take up to 3 AP science classesOn-ramps available at specific points to two-year advanced path				
Two-Year Advanced ⇒	Biology	Honors Chemistry	AP Science Options: AP Chemistry, AP Biology, AP Environmental Science, AP Physics I, AP Physics II, AP Physics C		
	Appropriate for students who excel in science and mathematics, have an understanding of advanced concepts, and are capable of working at an accelerated pace. Recommended pathways for STEM-based majors. <ul style="list-style-type: none">Meets all graduation requirements. Provides pathway to take up to 3 AP science classes				
Notes:	<ul style="list-style-type: none">Other classes may be available. Students should discuss opportunities with their school counselor.				


Physical Science	Course #: 5160	Grade(s): 9	9  
Description			
<p>This course encompasses chemistry and physics concepts. Simplified lab investigations are included to stimulate problem-solving techniques and to illustrate the concepts presented. The objective is to provide an overview of the area of chemistry and physics without the challenge of higher mathematics. Placement is not student or parent initiated.</p>			


Biology I	Course #: 5031	Grades: 9, 10	  
Description			
<p>This course includes the study of fundamental biological concepts, including cells and cell structure, genetics, heredity, and classification. The class also includes a study of plants and animals as organized systems, and man in relation to his environment. Laboratory activities will be performed in this class.</p>			


Honors Biology I	Course #: 5031H	Grade(s): 9	9   
Description			
<p>This course encompasses chemistry and physics concepts. Simplified lab investigations are included to stimulate problem-solving techniques and to illustrate the concepts presented. The objective is to provide an overview of the area of chemistry and physics without the challenge of higher mathematics.</p>			


Chemistry I	Course #: 5051	Grades: 10, 11, 12	 
Description			
<p>Prerequisite(s): completion of Biology; completed or concurrently enrolled in Geometry Supplies Required: TI-84 graphing calculator</p> <p>This course introduces metric conversions, structure and properties of the periodic table, electromagnetic spectrum, stoichiometry, formula writing, and equation balancing. It introduces oxidation-reduction, electrochemistry, electron configurations, and bonding. Inquiry lab activities are involved.</p>			


Honors Chemistry I	Course #: 5051H	Grades: 9, 10, 11, 12	
Description			
<p>Prerequisite(s): completion of Biology; completed or concurrently enrolled in Geometry Supplies Required: TI-84 graphing calculator</p> <p>This course introduces metric conversions, structure and properties of the periodic table, electromagnetic spectrum, stoichiometry, formula writing, and equation balancing. It introduces oxidation-reduction, electrochemistry, electron configurations, and bonding. The inquiry lab activities are involved.</p>			


AP Chemistry II	Course #: 5055	10, 11, 12	
Description			
<p>Prerequisite(s): successful completion of Honors Chemistry and Algebra II Supplies Required: TI-84 graphing calculator</p> <p>This course covers structure and properties of matter, gas laws, stoichiometry, thermodynamics, solutions, acids and bases, electrochemistry, oxidation-reduction, reaction kinetics and equilibrium which are taught through a lab-based inquiry approach.</p>			



Physics I	Course #: 5211	Grades: 10, 11, 12	
Description			
<p>Prerequisite(s): Concurrently enrolled in Geometry or higher level math course. Supplies Required: TI-84 graphing calculator</p> <p>This course includes nuclear physics, one-dimensional motion, momentum, gravitational and electrostatic forces and fields, electric currents, work and energy, wave motion, and electromagnetic radiation. Communication skills and writing are emphasized over mathematical models.</p>			




AP Physics I	Course #: 5215	Grades: 10, 11, 12	
Description			
<p>Prerequisite(s): Concurrently enrolled in Algebra II or higher level math course. Supplies Required: TI-84 graphing calculator</p> <p>The course includes topics in classical and modern physics, including Newtonian mechanics; work, energy, power; mechanical waves and sound, and also introduces electric circuits. A knowledge of algebra and basic trigonometry is required for the course and calculus may be introduced. This rigorous course is equivalent to a first-semester college course and will better prepare students for success in future science course work.</p>			




AP Physics II	Course #: 5215AP2	Grades: 11, 12	
Description			
<p>Prerequisite(s): AP Physics I; Completed/concurrently enrolled in Honors Precalculus or higher level math course.</p> <p>Supplies Required: TI-84 graphing calculator</p> <p>This course includes topics in classical and modern physics. Knowledge of algebra and trigonometry is required for the course and basic calculus is introduced. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics.. The course is the equivalent to a second semester college course and is well suited for students expecting to pursue medical, life science or engineering majors in college.</p>			




AP Physics C	Course #: 5216 & 5217	Grades: 11, 12	
Description			
<p>Prerequisite(s): AP Physics I, Completed or concurrently enrolled in Calculus. Supplies Required: TI-84 graphing calculator</p> <p>AP Physics C is a calculus-based physics course particularly suited to students wishing to pursue Engineering or Physics in college. The two AP Physics C courses – Physics C: Mechanics and Physics C: Electricity and Magnetism - each correspond to approximately one semester of college work. Physics C: Mechanics covers kinematics; Newton's Laws of Motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Physics C: Electricity and Magnetism covers electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. At the end of the course students will have the opportunity to take the AP Physics C: Mechanics test and the AP Physics C: Electricity and Magnetism test. Enrollment in both semesters is required.</p>			



AP Biology II	Course #: 5035	Grades: 10, 11, 12	
Description			
<p>Prerequisite(s): Biology I or Honors Biology I (Chemistry I is recommended)</p> <p>This course is the equivalent of a college introductory biology course usually taken by biology majors during their first year. Some AP students, as college freshmen, are permitted to undertake upper-level courses in biology or to register for courses for which biology is a prerequisite. This course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.</p>			




Anatomy & Physiology	Course #: 5333	Grades: 11, 12	 
Description			
<p>Prerequisite(s): Biology I</p> <p>This course takes an in-depth look at the structures of the human body and how they function. Most of the systems of the human body will be covered. The class will further enhance knowledge and understanding with labs and dissection.</p>			


Principles of Biomedical Science	Course #: 8760	Grades: 9, 10, 11, 12	  
Description			
<p>Prerequisite(s): Previous completion or concurrent enrollment in biology</p> <p>In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Students will participate in many labs and hands-on activities to learn content and skills. Students will experience various scenarios including investigating a crime scene to solve a mysterious death, diagnosing and proposing medical treatment to patients, tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.</p>			


Human Body Systems	Course #: 8707	Grades: 10, 11, 12	  
Description			
<p>Prerequisite(s): Principles of Biomedical Science</p> <p>Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.</p>			

Zoology	Course #: 5240	Grades: 10, 11, 12	  
Description			
<p>Prerequisite(s): Biology I</p> <p>This course establishes a knowledge base for advanced work in the biological sciences through developing an understanding of the principles of animal taxonomy and knowledge of the characteristics of the major phyla of animals. It promotes an appreciation of the diversity of animal life and its ecological significance. Students are introduced to the structure and function of the principal body systems of animals, and develop laboratory skills necessary for biological study. Students will demonstrate knowledge and understanding of the morphology, physiology, and phylogeny of the taxa discussed. Students will also participate in laboratory exercises and be able to recognize and classify the animals studied and show a working knowledge of their anatomy.</p>			

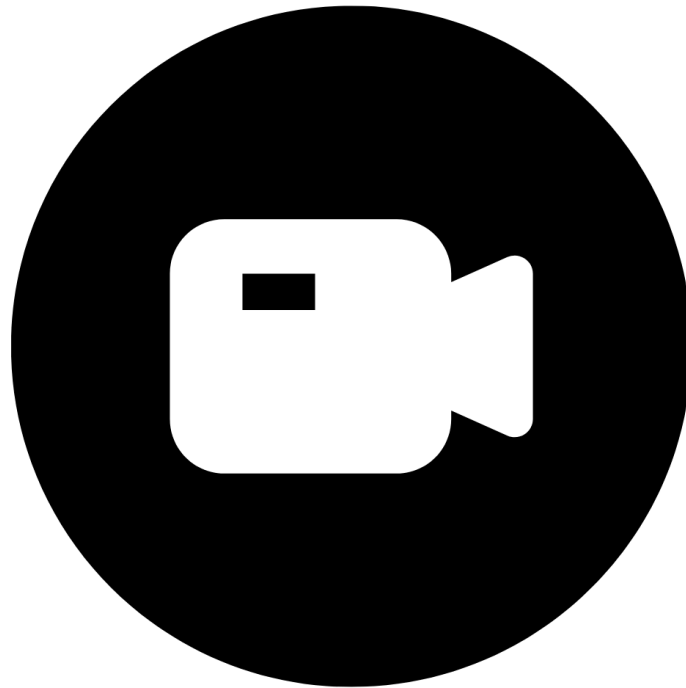
Environmental Science	Course #: 5120	Grade(s): 10, 11, 12	 
Description			
<p>Prerequisite(s): Biology I</p> <p>Environmental Science will engage students in hands-on, collaborative inquiry-based education. Students are taught life-long skills by using an integrated curriculum of science, math, writing, critical thinking skills, and computer technology. Important topics pertaining to ecological health, such as wildlife, habitat and wetland ecology, land management and possible career options will be explored. The course offers environmental engagement and opportunities for personal growth while developing knowledge and experience in field identification, ornithology, botany, and more.</p>			

AP Environmental Science	Course #: 5121	Grade(s): 10, 11, 12	  
Description			
<p>Prerequisite(s): Biology I and Chemistry or Physics</p> <p>This course is designed to be an introductory college course in Environmental Science. This course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems both natural and man-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolution or prevention.</p>			

Forensic Science	Course #: 5334	Grade(s): 10, 11, 12	
Description			
<p>Forensic Science is the application of science to criminal and civil laws enforced by police agencies in a criminal justice system. Major topics include processing a crime scene, collecting and preserving evidence, identifying types of physical evidence, organic and inorganic analysis of evidence, hair, fibers, and paint, toxicology, arson and explosion investigations, serology, DNA, fingerprints, firearms, and document analysis. The main focus of this course will be to emphasize the evidential value of crime scene and related evidence and the services of what has become known as the crime laboratory. This course combines basic theory and laboratory experiments for a hands-on learning experience.</p>			

Geology	Course #: 5140	Grade(s): 10, 11, 12	
Description			
<p>This course is designed to strengthen the student's understanding of Earth and its processes. The class will focus on fundamentals of Geology by studying geologic time, stratigraphy and paleontology, plate tectonics, the rock cycle, minerals, structures and faults, ore deposits, and landforms. Students will investigate Oklahoma geology and learn basic field methods. The class will participate in physical labs such as: learning how to identify a mineral, making a sedimentary rock, growing rock candy crystals, cupcake-lake coring, sugar dissolution, and volcanic island formation.</p>			



SOCIAL STUDIES






Coming Soon!




SOCIAL STUDIES Units Required: 3



(½) unit of OK History, (½) unit of Gov't, (1) unit of US History, (1) unit of World History or equivalent



Oklahoma History	Course #: 5615	Grade(s): 9	9  
Description			
Semesters: 1 Oklahoma History is the examination of the state of Oklahoma from prehistoric habitation by Native Americans, through the days of the “Indian Territory” to present day Oklahoma. The exploration of the history of Oklahoma includes the study of our state’s society, economy, politics, and cultural heritage. The course will also emphasize document analysis and essay writing skills.			



Honors Oklahoma History	Course #: 5615H	Grade(s): 9	9  
Description			
Semesters: 1 Oklahoma History is the examination of the state of Oklahoma from prehistoric habitation by Native Americans, through the days of the “Indian Territory” to present day Oklahoma. The exploration of the history of Oklahoma includes the study of our state’s society, economy, politics, and cultural heritage. The course will implement advanced document analysis and essay writing skills, such as Document Based Questions and comparative essays. The course will also stress map, chart, graph, and political cartoon interpretations. Because this course is offered in conjunction with our Honors US Government, it is designed to introduce or reinforce the various skills associated with student success in an honors course.			


United States Government	Course #: 5541	Grade(s): 9	9 
Description			
Semesters: 1 The focus of this class will be on the purpose and powers of government at the federal, state, and local levels. The course will also develop an understanding of the rights and responsibilities of being a citizen of the United States. The course will also emphasize document analysis and essay writing skills.			


Honors United States Government	Course #: 5541H	Grade(s): 9	  
Description			
<p>Semesters: 1</p> <p>Honors United States Government is a one semester 9th grade course. The class will cover the development and importance of the U.S. Constitution, the three branches of the United States government, the relationship between the federal and state governments, and other major topics. In addition, students will develop an understanding of the rights and responsibilities of being a citizen of the United States. Because this is a Honors course students will be expected to have a certain level of self-reliance. Independent reading and various homework assignments are expected to be completed in a timely manner and at a level appropriate for a Honors course. This course is a great foundation for the student who is considering future AP courses in History.</p>			


Modern History	Course #: 5731	Grade(s): 10, 11, 12	 
Description			
<p>This course covers global history from the major religions and philosophies to the modern world. While learning how cultures and civilizations developed over time, students will also study the patterns and connections that formed between different global regions. Upon completion of this course, students should have a well-developed understanding of Modern History.</p>			


United States History	Course #: 5410	Grade(s): 11, 12	 
Description			
<p>This course highlights the period in United States' history from 1865 through the present. It focuses on the major events, concepts, and personalities of the era. In accordance with state guidelines, this course focuses on the development of our multicultural American heritage and institutions.</p>			


AP United States History	Course #: 5415	Grade(s): 11, 12	 
Description			
<p>AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. Students will investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. The course also provides seven themes that students explore in order to make connections among historical developments in different times and places.</p>			


AP World History	Course #: 5736	Grade(s): 10, 11, 12	
Description			
<p>Advanced Placement World History is a college-level course taught at the high-school level. This course is designed to develop a greater understanding of global historical processes and contrasts viewed against the interaction of different types of human societies. This course is focused primarily on the past 1,000 years of the global experience and covers cultural regions and civilizations. Upon completion, students are urged to take the AP World History exam in May to obtain college credit if a passing score is earned. A summer assignment may be required.</p>			



AP US Government & Politics	Course #: 5546	Grade(s): 11, 12	
Description			
<p>Advanced Placement United States Government and Politics is a college-level course taught at the high-school level. This course will give students an analytical perspective on government and politics in the United States. It includes both the study and general concepts used to interpret U.S. politics and the analysis of specific issues. Upon completion, students are urged to take the AP Government exam in May to obtain college credit if a passing score is earned.</p>			



Human Geography	Course #: 5530	Grade(s): 10, 11, 12	
Description			
<p>In this course, students examine people, places, and environments on local, regional, national, and international scales. Students will study the world's geography and the processes that shape it, the relationships between people and environments, and the connections between people and places. Students will also learn about the influence of geography on events of the past and present. A significant portion of the course centers around physical and social processes, including environmental, economic systems, cultural patterns, and political processes. Students use problem-solving and decision-making skills to ask and answer geographic questions.</p>			



AP Human Geography	Course #: 5790	Grade(s): 10, 11, 12	
Description			
<p>AP Human Geography is a college-level course taught at the high-school level. The purpose of this course is to introduce students to the systematic study of patterns and processes, which have shaped human understanding, use, and alteration of Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Upon completion, students are urged to take the AP exam in May and can earn college credit with a passing score.</p>			



Asian Studies	Course #: 5791	Grade(s): 10, 11, 12	
Description			
<p>Semesters: 1</p> <p>This course explores the history and culture of East Asia from its earliest beginnings to the modern era. Focus will be on the geography, institutions, traditions, belief systems, and issues that have shaped and continue to shape the region. The course traces historical relationships among East Asian nations and other regions involving cultural diffusion, trade, conquest, and colonialism and how these have impacted East Asia.</p>			

Holocaust Studies	Course #: 5789H	Grade(s): 10, 11, 12	
Description			
<p>Semesters: 1</p> <p>This course is a survey of the major developments in the Holocaust and similar genocide occurrences during the 20th Century. In this course students will explore and analyze the complex factors contributing to the Holocaust, interpret the events of 1933-1945, and evaluate the impact of the genocide on post-war Europe and generations to come. Students will look at the Holocaust both chronologically and thematically.</p>			

Military History	Course #: 5789	Grade(s): 10, 11, 12	 
Description			
<p>Semesters: 1 or 2</p> <p>This course will study the causes, the fighting, and the effects of America's wars from the French and Indian War through the Vietnam War with an emphasis on political and military personalities. Students will analyze social, economic, and international policy.</p>			

Psychology	Course #: 5641	Grade(s): 11, 12	 
Description			
<p>Semesters: 1</p> <p>This course will study the inner workings of individual human beings and cover topics such as personality development, stress, mental disorders, therapy, memory and intelligence. Lessons are interactive, incorporating demonstrations and experiences with content material.</p>			


Sociology	Course #: 5720	Grade(s): 11, 12	 
Description			
<p>Semesters: 1</p> <p>Sociology is the study of social life, social change, and the social causes and consequences of human behavior. This course addresses the most challenging issues of our time and how people react to them. Since all human behavior is social, the subject matter may cover a wide range of incidents and the social impact of them. Discussion may also include the role of media in social events and human behaviors.</p>			


AP Psychology	Course #: 5645	Grade(s): 11, 12	 
Description			
<p>Psychology is the science of behavior and mental processes. Students investigate topics as personality theories, social psychology, psychological disorders, motivation, learning, physiology, memory and cognition. Students will explore the complexity of the human experience through all stages of human development. Upon completion of the course, students are urged to take the Advanced Placement exam to obtain college credit if a passing score is earned.</p>			


ELECTIVES





AGRICULTURE


Intro to Agriscience	Course #: 8004	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
Students will learn about FFA leadership including Public speaking, Parliamentary Procedure, Technical Writing. Basic animal science including breeds of livestock, Anatomy and Physiology, animal nutrition will also be part of this course. This course also covers basic agricultural mechanics (shop safety, welding, and cutting torch and shop organization).			


Agricultural Power & Technology	Course #: 8010	Grade(s): 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Intro to Agriscience</p> <p>Students will learn shop safety, how to weld with AC, AC.DC, Mig, Tig welders and how to operate a cutting torch. This course will also teach students how to operate and work with all tools associated with the metal fabrication shop and how to keep the shop clean and organized.</p>			

Equine Science	Course #: 8015	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Intro to Agriscience</p> <p>This course is designed for students with an interest in horses and careers associated in the field of equine management. Content includes importance of equine, breeds, anatomy and physiology, nutrition and feeding, facilities, production practices, and disease and pest control. Also includes grooming, equitation, tack, safety and horse judging and evaluation. This course is on a 3 year rotation with Veterinary Assisting and Animal Science.</p> <p>This course is on a 3 year cycle and will be offered in 2026-2027.</p>			


Intro to Agricultural Communications	Course #: 8022	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Intro to Agriscience</p> <p>This major area of study provides students with an opportunity to learn about the field of agriculture communications and leadership. It also provides those seeking advancements in degrees and state awards an opportunity to complete these applications while under supervision. Moderate computer usage occurs in this course.</p>			


Introduction to Horticulture	Course #: 8029	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Intro to Agriscience</p> <p>This course will provide a more advanced look into the operation and maintenance of a greenhouse. Students will be responsible for maintaining the school greenhouse operation. Propagating, diseases, nutrition and cultural practices related to ornamental horticulture plants will be emphasized. FFA membership is highly recommended to allow students to compete in various contests related to the course.</p>			


Small Animal Care & Veterinary Assisting	Course #: 8014	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Intro to Agriscience</p> <p>Veterinary Assisting is designed to help students develop skills that are used in veterinary clinics and boarding and small animal grooming facilities. Veterinary assistants feed and bathe animals, administer medication as prescribed by the veterinarian and assist the veterinary team with animal nursing techniques. Students learn how to complete basic office procedures and provide large and small animal care.</p> <p>This course is on a 3 year cycle and will be offered in 2024-2025.</p>			


Introduction to Animal Science	Course #: 8012	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Intro to Agriscience</p> <p>This course provides information to introduce students to careers related to animal science and animal production. This course provides laboratory and lecture to students interested in veterinary medicine, livestock production and nutrition, genetics, or biology. This course is on a 3 year cycle and will be offered in 2025-2026.</p>			


BUSINESS & MARKETING

Entrepreneurship	Course #: 8616	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Marketing Fundamentals. Students will learn how to be an entrepreneur, a person who operates a business enterprise. Simulations and hands-on applications will be used to learn about the risks and benefits of business ownership. The focus will be on developing business plans related to the interests of the students and preparing presentations.</p>			


Marketing Fundamentals	Course #: 8302	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
This course is an overview of marketing; the business operations that connect a product or service to its user. Students learn skills and concepts such as the four P's of marketing, sales, customer service, advertising, visual merchandising and promotion. They will practice communications and human-relations skills. Student leadership development and employment skills are integrated into this class through the student organization, DECA, and the school-based enterprise, Spartan Armory.			


Buying & Merchandising	Course #: 8304	Grade(s): 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Marketing Fundamentals and teacher approval.</p> <p>This course consists of working in the Spartan Armory. Students will work in inventory and sales. Students will be involved in all aspects of running a retail business.</p>			


Business & Marketing Communications	Course #: 8611	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Semesters: 1</p> <p>This course applies marketing skills developed through a variety of informal and formal experiences. The performance-based course will emphasize effective interpersonal and team building skills along with written and oral communication techniques. Technology will be used to create and deliver presentations, enhance problem solving situations, and practice critical thinking and decision-making. Job interviews, research papers, and/or projects will culminate this course.</p>			


Employment Essentials	Course #: 8623	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Semesters: 1</p> <p>This course is designed to provide students with fundamental workplace knowledge and skills to succeed in any career. Students develop soft skills, personality traits, personal management, and basic technology skills desired by employers. They explore techniques to manage their personal life, financial life, and career preparation.</p>			


COMPUTER SCIENCE


Aviation Technology	Course #: 3580	Grade(s): 9, 10	 Coming Soon!
Description			
The introductory course provides the foundation for advanced exploration in flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem-solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will look at the problem-solving practices and innovative leaps that transformed space exploration from the unimaginable to the common in a single generation. Students will also gain a historical perspective, from the earliest flying machines to various modern aircraft.			


Computer Science Essentials	Course #: 2531	Grade(s): 9 , 10	9
Description			
<p>In Computer Science Essentials, students will use visual, block-based programming and transition to text-based programming with languages such as Python® to create apps, develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.</p> <p>Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.</p>			<div><p>Coming Soon!</p></div>


Computer Science Principles	Course #: 2536	Grade(s): 10	9 ★
Description			
Prerequisite(s): Computer Science Essentials Using Python as a primary tool, students learn the fundamentals of coding, data processing, data security, and task automation, while learning to contribute to an inclusive, safe, and ethical computing culture. The course promotes computational thinking and coding fundamentals and introduces computational tools that foster creativity. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.			 Coming Soon!

Fundamentals of Technology	Course #: 8601	Grade(s): 9, 10, 11, 12	
Description			
This course is a prerequisite for Advanced Fundamentals of Technology, Graphic Design and Desktop Publishing, Multimedia and Image Management Techniques, and Fundamentals of Web Design This course introduces the basic skills, principles, techniques, technology, and attitudes necessary for success in today's fast-paced, business world. Students receive comprehensive training in business skills such as computer awareness, internet research, communication, presentation skills, human relations, customer service, global economy, job application and interview, operating systems, windows environment (GUI), internet fundamentals, business applications including Microsoft Word, Excel, Access, PowerPoint, Publisher, internet based applications.			 Coming Soon!


Advanced Fundamentals of Technology	Course #: 8103	Grade(s): 10, 11, 12	
Description			
Prerequisite(s): Fundamentals of Technology This course builds on the core business skills learned in Fundamentals of Technology and will provide students with the concepts and principles needed to understand how an office is operated and managed in a rapidly changing global environment. The focus will be on advanced Microsoft Word, Excel, and PowerPoint; telephone skills; filing; preparing business correspondence including envelopes, letters, reports, faxes, e-mail, outlines, minutes, budgets, and balance sheets; proofreading; and employment process.			 Coming Soon!


Graphic Design & Desktop Publishing	Course #: 8522	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Fundamentals of Technology</p> <p>This course will provide students with the fundamental concepts, principles, and ideas needed to understand how a business operates and is managed in a rapidly changing global environment. This course also provides job readiness skills and soft skills that are critical for success in any workplace setting. Students will use Adobe Photoshop and InDesign to prepare documents and photographs for publication by utilizing various tools, layers, effects, and filters.</p>			


Multimedia & Image Mgmt. Techniques	Course #: 8523	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Fundamentals of Technology</p> <p>This course offers students the opportunity to acquire skills in image creation. Students will create, revise, optimize, and export graphics multimedia, print, and web publishing. They will utilize programs such as Photoshop, Illustrator, and Flash.</p>			


Fundamentals of Web Design	Course #: 8153	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Fundamentals of Technology</p> <p>Students will acquire fundamental web authoring skills and design strategies through the application of HTML incorporating Cascading Style Sheets, JavaScript, E-commerce, and future trends in web programming. Students will utilize Notepad++, Dreamweaver, and Flash for application of design principles.</p>			


FAMILY & CONSUMER SCIENCES


FACS Basics	Course #: 8415	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
This course is a comprehensive study intended to generate basic knowledge and skills in child development, clothing and textiles, consumer education, food and nutrition, housing and home furnishings, and personal and family relationships. Attention is also focused toward assisting students in career study and participation in the family and consumer sciences youth organization Family, Career, Community Leaders of America.			

Human Growth & Development	Course #: 8471	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): FACS Basics</p> <p>In this course, students examine human development across the lifespan. From newborn to older adulthood, people continue to develop and change physically, cognitively, socially, and emotionally. Family trends, cultural diversity, health, and safety are included. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.</p>			



Interpersonal Studies	Course #: 8470	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
This course examines how relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.			


Lifetime Nutrition & Wellness	Course #: 8474	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): FACS Basics</p> <p>A laboratory course in which students use nutrition knowledge to make informed choices to promote lifetime wellness, the importance of healthy eating and physical activity across the life span. Students will learn safe food handling practices, healthy menu planning and food preparation techniques, and how to recognize sources of stress and healthy strategies to reduce the impact of stress on total wellness. Needs of the competitive athlete are also addressed. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.</p>			


Fashion Design 1	Course #: 8413	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): FACS Basics</p> <p>An introductory course that provides students with the most current information about the basic concepts and business aspects of fashion marketing and merchandising. It introduces students to the field of fashion promotion and provides foundational fashion concepts related to economics, textiles, and design. Basic fashion concepts and marketing terminology, fashion cycles, key components of the fashion industry, retail merchandise categories, and fashion promotion.</p>			


Fashion Design 2*	Course #:	Grade(s): 10, 11, 12	 Coming Soon!
Description			
Prerequisite(s): Fashion Design 1 *Beginning the 2025-2026 School Year			



FINE ARTS


Arts and Crafts	Course #: 2821	Grade(s): 9	9
Description			
<p>Semesters: 1 or 2</p> <p>Arts and Crafts focuses on a broad range of visual arts practices and techniques. Students will learn how to create both 2-D and 3-D works of art including drawing, painting, collage, paper mache, basket weaving, and more. Students will be taught to utilize the Elements of Art and the Principles of Design while creating various projects designed to promote visual and tactile learning, creative thinking, problem solving, and technical skills. It is also designed to give students a more individualized creative outlet through art as well as provide them with an introduction into the "artist's world" by creating connections to art history, practicing formal critique, and having discussions about the various visual arts career paths that exist today. All students are required to maintain a sketchbook for designing projects, brainstorming ideas, and taking notes in class.</p>			 <p>Coming Soon!</p>
Art I	Course #: 2808	Grade(s): 9, 10, 11, 12	
Description			
<p>Semesters: 1</p> <p>Art I focuses on the study of 2-D areas of art: includes drawing, painting, printmaking, collage and design. Students will demonstrate the fundamental use of the Elements of Art and the Principles of Design through various projects that promote creative thinking, problem solving, and the practice of technical skills. Art I introduces the production, aesthetics, criticism, history, and careers in the visual arts. Students are required to maintain a sketchbook for weekly assignments and class notes in addition to an art portfolio of all completed projects.</p>			 <p>Coming Soon!</p>


Art II	Course #: 2809	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Semesters: 1</p> <p>This class places greater emphasis on creativity and technique, and the use of mixed media. Students continue to explore how to use the Elements of Art and the Principles of Design through various projects that promote creative thinking, problem solving, and the practice of technical skills. Students will explore diverse styles of art and subject matter in 2-D using more advanced materials, as well as the introduction to three-dimensional art, Paper Mache, and ceramics. All students are required to maintain a sketchbook for weekly assignments in addition to an art portfolio to keep track of all completed projects. An end-of-the semester art show will be in the spring.</p>			


Art III	Course #: 2810	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Art I, Art II</p> <p>Semesters: 1</p> <p>Art III is the continuation of Art II with the students using their knowledge of the Elements of Art and the Principles of Design to experiment with their own creative style and conceptual ideas. Students will examine the work of the masters throughout history to assist in the development of their own art style. Students will be involved in self-critiques, as well as class critiques. This class offers the advanced student an opportunity to begin to prepare for the Advanced Placement program. Students will keep a portfolio and are required to enter contests and shows. Students will be expected to bring some of their own supplies and maintain a sketchbook.</p>			


Art IV	Course #: 2811	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Art I, Art II, Art III</p> <p>Semesters: 1</p> <p>Students will continue to work with various 2-D and 3-D multi-media. Students will work with conceptual ideas in art and learn to advance their own problem-solving abilities. Students will work toward completing assignments that will prepare them for the AP program. Students will be involved in self-critiques as well as class critiques and are required to enter contests and art shows. Students will be expected to keep a portfolio and bring some of their own supplies including a sketchbook.</p>			


AP Studio Art	Course #: 2811	Grade(s): 11, 12	
Description			 Coming Soon!
<p>Prerequisite(s): Art I, Art II, Art III, Teacher Recommendation Only</p> <p>The Advanced Placement (AP) Studio Art course is designed to provide students with a learning experience equivalent to that of an introductory college course in studio art. The course has a rigorous academic curriculum. Students are expected to take the AP test (for possible college credit) and will be required to purchase most supplies, create a website and keep a portfolio.</p>			


Sculpture 1 & 2	Course #: 2901/2902	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Art I, II</p> <p>This course promotes creative expression through three-dimensional works. Students will explore representational and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. This course will incorporate the Elements of Art and Principles of Design along with a study of historical and contemporary sculpture and sculptors from a worldwide perspective, as well as instruction in the process of responding to art through analysis, critique, and interpretation for the purpose of reflecting on and refining work.</p>			


Studio Art 3-D Design	Course #: 2832	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Art I, II</p> <p>Art 3D Design is an in-depth study of the techniques and methods acquired in Art 3D. Students explore 3D design through advanced experiences emphasizing the refining of craftsmanship and quality of production. Students will develop goals and produce quality work through sculpture, ceramics, collage, fibers, and other media. Students will develop a portfolio of their work.</p>			


Folk Art I-IV	Course #: 2821-2824	Grade(s): 10, 11, 12	 Coming Soon!
Description			
Folk Art helps students apply fundamental processes of artistic expression to the materials and accompanying aesthetics of traditional practical arts. Students will explore types of folk art and the materials and ways in which objects have been created for practical, religious, spiritual, and cultural needs of people around the world. Activities may include lettering, serigraphy, leather, fibers, industrial metal and wood arts and so on. This course will explore aesthetic issues surrounding folk art and artists and engage in critiques of the culturally specific art forms.			


Ceramics/Pottery I-IV	Course #: 2841-2844	Grade(s): 10, 11, 12	 Coming Soon!
Description			
This course engages students in learning experiences that include the historical and cultural context of ceramics, aesthetic inquiry, and creative production. Students develop knowledge of ceramic techniques and processes with an emphasis on creative design and craftsmanship. Experience may include clay modeling, hand building, coil building, casting, and throwing on the potter’s wheel. Students develop a working knowledge of kiln firing and glazing techniques. Students balance experimentation, freedom and responsibility while developing and creating artworks.			


Piano Lab	Course #: 3052	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
Supplies/Fee Required: Purchase of piano lesson, ear training and theory books, staff paper and personal headphones/jack for piano practice. This course is designed to stimulate student growth in piano through the use of performance, theory, listening, and the history of piano performance. Students will learn pieces based on their personal level of experience. All students will complete work in music theory and history to teach them the knowledge necessary to form a lifelong enjoyment of music. There will be a piano jury at the end of each quarter based on current skill level.			


Creative Writing	Course #: 4301	Grade(s): 10, 11, 12	 Coming Soon!
Description			
Students in this course will generate free-writing in a journal, study models of good writing, and experiment with varied forms of poetry and prose. Students will develop a sense of speaker and audience. They will provide positive support for their fellow writers and learn to revise their work using concrete, sensory details, and appropriate choice of diction, syntax, purpose, and audience. Students will also learn techniques for evaluation and editing, and will use these techniques to produce a school-wide journal of creative writing. In addition, students will learn the procedures and etiquette of having work published, and will submit several pieces to contests and presses for publication.			


Vocal Music 1	Course #: 3071	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Supplies/Fees Required: Student Activity Fees; Performance Uniforms</p> <p>A non-competitive SATB/SAB/SSAA choir and no audition required. Students will be expected to participate in at least 3 required concert performances throughout the year, as well as additional performances for Homecoming and other special events throughout Bixby and northeast Oklahoma. Students will have an opportunity to participate in district, area, and state contests as a soloist and as a member of an ensemble (not required; fees apply). This class emphasizes ensemble singing, the building of vocal music skills, performance experiences, and a wide variety of repertoire. Basic music theory, sight-reading, and aural skills will be taught. Other costs may be incurred, such as choir tour expenses, uniform pieces, etc.; however, these expenses are kept to a minimum and there are fundraising opportunities to defray these costs. This class is a full year commitment.</p>			



Ambassador Choir	Course #: 3081CCA	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Audition-Only Supplies/Fees Required: Student Activity Fees; Performance Uniforms</p> <p>This is a semi-competitive SATB/SAB/SSAA choir limited to 12 students. Students will participate in at least 3 required concert performances throughout the year. Students are required to sing at various community events throughout Bixby and northeast Oklahoma, as this ensemble serves as the primary representative of the Bixby Vocal Music program. Students will be required to participate in district, area, and state contests as a soloist and/or as members of an ensemble (minimal fees apply). This class emphasizes performance practice, ensemble singing, and the building of vocal music skills. Basic music theory, sight-reading, and aural skills will be taught. Other costs may be incurred, such as choir tour expenses, uniform pieces, etc.; however, these expenses are kept to a minimum and there are fundraising opportunities to defray these costs. This class is a full year commitment.</p>			


Singing for Non-Singers	Course #: 3052NS	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>This course is aimed at students wanting to learn the basics of singing and vocal production for the purposes of musical theater auditions, university study, or general personal development. Performances are not required for this course, though students will have the opportunity to participate in OSSAA Vocal Solo and Ensemble Contest if they would like. The following types of students should enroll in this course: Instrumental Music and Band students who plan to study music in college; Drama and Theatre; Students who wish to increase their confidence and odds of success in musical theater auditions; Any student who enjoys singing in the shower or in the car but wants more. This class is a full year commitment.</p>			


Applied Voice	3052AV	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Simultaneous Enrollment in a BHS Choir Course or Teacher Approval</p> <p>Supplies/Fees Required: Accompanist Fees; Contest Fees</p> <p>This course is for students who want to study voice and vocal production in a one-on-one atmosphere. Students are required to audition for All-District and All-State Choirs, as well as participate in OSSAA Vocal Solo and Ensemble Contest and up to four recitals during the school year. Students must be enrolled in one of the BHS Choirs. This class is a full year commitment.</p>			


Theater Production	Course #: FA2856	Grade(s): 10, 11, 12	 Coming Soon!
Description			
Theater Production is a course that prepares students in the artistic development of theatrical events. This includes set design and building, lighting design, costuming and hair and make-up design, sound design, and marketing. Students will learn to use their creativity and basic tools to create atmosphere and practical design works. This class is a full year commitment.			


High School Band	Course #: 3001	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Successful completion of eighth grade band or equivalent & director approval</p> <p>Semester One: Pride of Bixby Marching Band</p> <p>The high school marching band (Pride of Bixby) focuses on the playing and accompanied choreography of music on the football field. The band is made up of brass, woodwinds, percussion and color guard. The band will perform at most varsity football games, contests and parades, and travels every other year to national events and parades. Marching Band is a prerequisite for participation in the Wind Ensemble, Symphonic Band, Jazz Band, Winter Guard and Winter DrumLine.</p> <p>Semester Two: High School Wind Ensemble/Symphonic Band</p> <p>The high school band auditions into two groups in Spring. The Wind Ensemble focuses on the standard wind band literature and the newest compositions available. The Symphonic Band will focus on band literature to increase each student's musical ability.</p> <p>This class is a full year commitment.</p>			


AP Music Theory	Course #: 3055	Grade(s): 11, 12	
Description			 Coming Soon!
<p>Prerequisite(s): Music Theory or Applied Music and Teacher Approval</p> <p>This course will further study the theories and harmony of music. Advanced writing and listening skills will be implemented in this course. Purchase of an advanced music theory workbook (college level workbook) will be required; other purchased material may also be required. Upon completion of this course, students have the option of taking the Advanced Placement exam.</p>			


Applied Music/ Pre-Music Education	Course #: 3052AM	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Must be enrolled in the HS Band</p> <p>This course covers the same concepts introduced in basic music theory as well as advanced concepts in instrumental music. The course is designed for students to explore all the components of the music education profession such as: Drill Design, Conducting, Score Study, Secondary Instruments, Peer Tutoring, and Music Theory. Some materials may be necessary for purchase. Upon completion of this course, students will be eligible for AP Music Theory.</p>			

Music Immersive Experience	Course #: 3050	Grade(s): 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Multiple years of high school instrumental music & Teacher approval</p> <p>This course provides students with work experience in a field related to music. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.</p>			


Debate	Course #: 4015 I	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Supplies/Fees required: Competition fees</p> <p>This course is for students who are new to debate. The course will feature instruction in the basic concepts of the various styles of competitive debate. Students will learn about current events and be able to speak about issues of the day and will develop and practice public speaking skills. Students are required to debate inter-scholastically in competitions. Debate tournaments are scheduled on weekends throughout the year. Optional costs include a team t-shirt and drop fees.</p>			


Advanced Debate	Course #: 4016	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): One year of previous debate experience.</p> <p>Supplies/Fees Required: Competition fees</p> <p>This course will feature advanced instruction in the various styles of competitive debate. Students will also learn about current events and be able to speak about issues of the day and will develop and practice public speaking skills. Students are required to debate inter-scholastically in competitions. Debate tournaments are scheduled on weekends throughout the year. Optional costs include a team t-shirt and drop fees. Fund-raising opportunities are available to help with costs.</p>			


Drama	Course #: 4019D	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Supplies/Fees Required: Competition fees</p> <p>Drama introduces the student to basics of theater and contest performance. Students will learn essential dramatic skills and perform them for a student audience and a contest venue. Students are required to perform inter-scholastically in competitions, including evenings and weekends, and are encouraged to participate in Bixby Theater productions. Optional costs/supplies include a team t-shirt, tournament and drop fees, and a make-up kit. There will be fund-raising opportunities to help defray the required costs of this course.</p> <p>This class is a full year commitment.</p>			


Acting - (Advanced)	Course #: 2893	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
Students in this course are expected to compete in the State One-Act Play competitions. Acting courses focus on the study and performance of drama in its many forms, including musical theater, drama, and comedy. This course reviews a wide range of scripted materials (such as plays, screenplays, teleplays, readers' theater scripts); dramatic criticism; techniques for creating original dramatic works; and the role of dramatic arts in society. Advanced courses focus on extending and refining technique while expanding students' exposure to different types of theatrical craft and traditions from varied social/historical contexts and enable increased opportunities for students to participate in publicly staged theatrical productions. This class is a full year commitment.			


WORLD LANGUAGES



French I	Course #: 3111	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
This course provides training in basic French, including reading, writing, and spoken language. Students will gain knowledge of frequently used words, phrases and verbs in the present and simple past tenses, and be able to carry on basic, everyday conversations in French. In addition, students will gain some understanding of French customs and culture. This course provides a firm foundation for further study or for travel.			



French II	Course #: 3112	Grade(s): 10, 11, 12	 Coming Soon!
Description			
Prerequisite(s): French I This course provides a broader knowledge of vocabulary and grammar skills, an increased number of verb tenses, and improvement in comprehension and fluency.			



French III	Course #: 3112	Grade(s): 10, 11, 12	 Coming Soon!
Description			
Prerequisite(s): French I and French II This course provides a broader knowledge of vocabulary and grammar skills, an increased number of verb tenses, and improvement in comprehension and fluency.			


Spanish I	Course #: 3161	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>This course provides training in essential literacy skills, including speaking, reading, listening, and writing. Students will develop vocabulary and learn the present tense of verbs, and develop an understanding of and an appreciation for the cultures and customs of Spanish-speaking countries. The course provides a firm foundation for college, career, or travel.</p> <p>***Offering zero-hour for students in grades 9-12. Transportation not provided.***</p>			


Spanish II	Course #: 3162	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Spanish I</p> <p>Spanish II builds upon the content and literacy skills presented in Spanish I. Essential literacy skills will be the continued focus as students progress through additional grammar, vocabulary, and cultural awareness.</p>			

Honors Spanish II	Course #: 3162H	Grade(s): 9, 10, 11, 12	
Description			 Coming Soon!
<p>Prerequisite(s): Spanish I with a “B” or higher is recommended</p> <p>This Honors course will prepare students for AP Spanish courses. The content will be instructed with additional emphasis placed on the development of critical-thinking skills and the expanded use of reading and writing skills. This course is designed for students with advanced language skills who desire a more in-depth curriculum with stronger emphasis on oral proficiency and language skills.</p>			


Honors Spanish III	Course #: 3163	Grade(s): 10, 11, 12	
Description			 Coming Soon!
<p>Prerequisite(s): Honors Spanish II or teacher recommendation.</p> <p>This Honors course will prepare students for AP Spanish Language and/or the continued study of language in college. Students will use additional skills and expand their use of reading and writing skills.</p>			


Honors Spanish IV	Course #: 3164PA	Grade(s): 10, 11, 12	
Description			 Coming Soon!
<p>Prerequisite(s): Honors Spanish III; a grade of “B” or higher is strongly recommended.</p> <p>This Honors course is designed to prepare students for AP Spanish Language and/or the continued study of language in college. The focus of the course will be on enhancing current skills as well as additional skills and the expanded use of verbal skills.</p>			


American Sign Language I	Course #: 3171	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
Students will learn basic vocabulary signs and concepts as well as an introduction to ASL grammatical structure. The course uses hands-on instruction and practice.			

American Sign Language II	Course #: 3172	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): American Sign Language I</p> <p>Students will continue to learn ASL vocabulary and concepts, learn the proper grammatical structure performed in ASL, as well as work on receptive skills.</p>			


JOURNALISM


Digital Media Production/ Broadcasting	Course #: 2531	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
Multimedia Production I is a hands-on production class. A primary weekly responsibility is the production of the Take Five announcements program. Students will write articles and/or produce podcasts, short videos, photography, graphic design, photography and informational graphics. Content produced in this class should appear weekly on the SPN (Spartan Post News) website, bixbyspn.com, a four-time, state-winning online website. Students are also required to help with 4-5 livestream sports webcasts per sports season.			

Digital Media Production/ Advanced Broadcasting	Course #: 2532	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Application (Multimedia Production I students are given priority)</p> <p>Take your digital and writing skills to the next level. Tell stories to a real online audience. Engage with video, photography, audio, data visualizations, interactivity and social media. Join student-run production crews that live stream sporting events. This class provides a new understanding and appreciation of the technologies changing the storytelling medium and journalism field as well as a new set of skills that will make students fluent, active and engaging multimedia producers. Students will be on a team that creates products for SPN Take 5 and written content for www.bixbyspn.com. Students are required to help with 4-5 livestream sports webcasts per in season.</p>			


Yearbook	Course #: 4240	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): An application is required</p> <p>Yearbook is a production class. It is a different kind of multimedia class, but its core remains journalistic writing, which will be learned or continued, depending upon the experience of the student. In addition, students will learn or continue to master photography, layout, graphic design, editing, photo editing, headline writing, caption writing and video production.</p>			


JROTC


JROTC Leadership Education	Course #: 2720	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
The Marine Corps JROTC program is designed to instill a value of citizenship, service to the United States, personal responsibility and a sense of accomplishment. It prepares students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program is a stimulus for promoting graduation from high school, and provides instruction and opportunities that benefit the student, community, and nation.			


Drill & Ceremony	Course #: 2720D	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Enrolled in Leadership Education at Level 3 or 4 (with instructor's signature)</p> <p>The Marine Corps JROTC Drill and Ceremony course is designed to teach and practice advanced regulation and exhibition armed and unarmed drill, color guard and sword manual routines to the Bixby MCJROTC male and female competitive drill teams.</p>			


MISCELLANEOUS


Introduction to Leadership	Course #: 2760	Grade(s): 9	9
Description			
This course offers students a way to learn leadership skills that will last a lifetime while enabling them to make a difference in their school and community. It offers students the opportunity to work with peers and adults in a setting that provides support and structure for real life experiences. Some of the topics covered will be communication, group dynamics, leadership styles, conflict resolution, ethical decision making, and basic business etiquette.			 Coming Soon!


Leadership Development I	Course #: 2760	Grade(s): 10, 11	 Coming Soon!
Description			
<p>Semesters: 1</p> <p>Goal setting, organizational theory and leadership theory are studied and put into practice through involvement in school and community projects. Students must apply and be selected for this course. Selection is based on school involvement and teacher recommendations. Organizational officers are encouraged to apply.</p>			



Leadership Development II	Course #: 2760LDII	Grade(s): 11, 12	 Coming Soon!
Description			
<p>Semesters: 2</p> <p>Prerequisite(s): Leadership I or other approved leadership experience. Teacher Approval</p> <p>This course is for students wanting to further develop their leadership skills through student activities, planning community & school-wide events, and service projects. Students will be required to attend various school activities as part of their grade. Disciplinary infractions while enrolled in the course could result in removal from the course and a failing grade for the semester.</p>			


Be Well Life Skills	Course #: 2765	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Semesters: 1 or 2</p> <p>Students will practice life skills, focusing on yoga for strength, flexibility, and relaxation. The class will also cover techniques for increasing concentration and decreasing anxiety which leads to stronger academic performance. Breathing exercises and healthy fitness activities will also be taught.</p>			


eSports	Course #: 2554	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
This course will support participating on the Bixby competitive eSports team. Students will learn and demonstrate understanding of movement concepts, principles, strategies, and tactics as they apply to the learning and performance of specific games. Students will use goal-setting and decision-making skills to enhance gaming success.			


Current Issues	Course #: 5510	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Semesters: 1 or 2</p> <p>In this course students will study a wide variety of topics that are currently at the forefront of American society. These topics may be political, social, technological, but are not limited to these topics. Students will learn and demonstrate knowledge about many of the larger issues facing Americans today, specifically those affecting young Americans. The objective is that students will leave the classroom with tools which will enable them to think and function in an ever-evolving American society.</p>			


Internship	Course #: 2790	Grade(s): 12	 Coming Soon!
Description			
<p>Semesters: 1 or 2</p> <p>Prerequisite(s): All students will be required to complete several weeks of Workforce Preparation lessons. This orientation includes students learning soft skills, appropriate dress, the importance of attendance and arriving early for work, confidentiality and the grading requirements for this program.</p> <p>**Students are limited to 2 periods per OSDE policy</p> <p>This course allows students to explore career interests, as well as, learn employment and life skills in an actual work environment. Monthly evaluations submitted by the student's immediate supervisor and a weekly assignment are the grading components for this course. Students may enroll in up to TWO internship classes. Students must attend an average of 5 hours per week for each internship class for which he/she is enrolled. Internship classes will be scheduled to allow students the most flexibility possible and from coming/going from campus. Students must maintain an internship for the entire semester to receive credit for the course and cannot be directly related to anyone in management at the place of internship. Failure to turn in proof of internship will result in a change of course enrollment.</p>			


Capstone	Course #: 5442CP	Grade(s): 12	
Description			
<p>Semesters: 1 or 2</p> <p>This course is a culminating experience that synthesizes classroom study and real world perspective through a project that focuses on a student's personal interest. In this course, students will think critically, communicate effectively, collaborate with others, and develop leadership skills while demonstrating self-direction.</p> <p>**Informational only at this time. This is a new graduation requirement that will apply beginning with the class of 2026.**</p>			 Coming Soon!

Service Learning (Job Out)	Course #: 2775SL	Grade(s): 12	
Description			
<p>Semesters: 1 or 2</p> <p>Prerequisite(s): All students will be required to complete several weeks of Workforce Preparation lessons. This orientation includes students learning soft skills, appropriate dress, the importance of attendance and arriving early for work, confidentiality and the grading requirements for this program.</p> <p>**Placement is by Application Only.</p> <p>This course allows students to explore work/career interests, as well as, learn employment and life skills through a paid work experience. Monthly evaluations submitted by the student's immediate work supervisor and a weekly assignment are the grading components for this course. Students may enroll in up to TWO service learning classes. Students must maintain an average of 5 hours per week for each class for which he/she is enrolled. This class will be scheduled to allow students the most flexibility possible and from coming/going from campus. Students are responsible for finding and maintaining employment for the entire semester to receive credit for the course and cannot be directly related to anyone in management at the place of employment. Failure to turn in proof of work will result in a change of course enrollment.</p>			 Coming Soon!


Office/Secretarial Procedure	Course #: 2419	Grade(s): 9, 12	 Coming Soon!
Description			
<p>Semesters: 1 or 2</p> <p>Prerequisite(s): No serious discipline issues, passing grades</p> <p>This course is an introduction to office procedures and concepts which focus on skills necessary for office workers. Skills addressed include effective communication, telephone and business etiquette, public relations, filing, and copying procedures. Students will be assigned to a school office/library and will perform a variety of tasks. Written coursework is required and the final grade includes a supervisor's evaluation and final exam. Disciplinary infractions while enrolled in the course could result in removal from the course and a failing grade.</p>			


Intro to Architecture & Design	Course #: 2775	Grade(s): 11, 12	 Coming Soon!
Description			
<p>Semesters: 1 & 2, MWF 2:55-3:51 **Application required</p> <p>This new, hands-on, two-semester course introduces students to the wide range of concepts, skills, and careers associated with the Architecture, Interior Design, and Construction fields. This project-based class will be led by industry professionals who will guide students through the design process of creating various projects culminating in a student exhibit showcasing the design elements learned. Students enrolled in this course will take regular site visits to the new Bixby High School academic building where they will explore the design and construction process with the professionals. No prerequisites required, just curiosity and a willingness to learn!</p>			


Spartan Charge Help Desk I	Course #: 2552	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Semesters: 1</p> <p>Prerequisite(s): Application required</p> <p>This computer repair and troubleshooting class prepares students to interact with individuals providing first-line technical support resolving general device problems. Students are trained to assist other students and employees by troubleshooting hardware and software issues, supporting new technologies, and repairing devices in a hands-on class. Students gain an understanding of how a help desk functions and the role of customer service in today's world of technology.</p>			


Spartan Charge Help Desk II	Course #: 2552	Grade(s): 10, 11, 12	 Coming Soon!
Description			
<p>Semesters: 1</p> <p>Prerequisite(s): Spartan Charge Help Desk I and teacher approval</p> <p>This class is a continuation of the Spartan Charge Help Desk I course.</p>			


PHYSICAL EDUCATION

Healthy Living 101	Course #: 3310	Grade(s): 9	9
Description			
Semesters: 1 or 2 This course combines instruction in physical, mental, & nutritional health encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others. Students will be asked to formulate a fitness plan, examine nutrition labels, learn CPR & more!			 Coming Soon!


Life-Time Sports	Course #: 3320	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
This Class is designed to expose students to opportunities and participation in leisure activities such as Golf, Ping-Pong, Fishing, Volleyball, Horseshoes, Washers, Pickleball, Badminton and new games such as Cross-Ball. This is an activity class that is based on participation and research. Some written work will apply.			

Student Athletic Trainer	Course #: 3330SAT	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
<p>Prerequisite(s): Application and teacher approval</p> <p>This class is designed for students interested in medical fields such as: sports medicine, nursing, physical therapy, exercise physiology, nutrition, EMT, athletic training, etc. Basic principles of sports medicine are introduced, while giving students a hands-on opportunity to practice basic and emergency athletic training care. The course focuses on the basic information and skills required to help athletes with prevention, assessment, evaluation, treatment, rehabilitation, and injury protection designed to provide assistance during our peak morning and afternoon treatment and practice times for student athletes. Students must be able to attend games and practices in the evenings, on the weekends, and over breaks. Summer Clinics/Camps are required. There are required fees.</p>			


Weight Training	Course #: 3320	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
This class is designed to educate students on proper lifting techniques and proper nutrition. Weight Training will cover flexibility, energy systems, Rest-Nutrition, aerobics and current health affairs. Three to four days a week will be devoted to physical activity. Proper dress is required (shorts and sweats, t-shirts, tennis or athletic shoes). Grades will be based on participation.			

Girls' Fitness	Course #: 3320G	Grade(s): 9, 10, 11, 12	 Coming Soon!
Description			
Girls' fitness is a non-weight bearing circuit training course focused on strength, cardio & core. Exercises vary each week, and all exercises have modifications with low and high intensity options. Three to four days a week will be devoted to physical activity circuits. One to two days will be devoted to recovery or walking. Grades will be based on participation.			

Athletic Strength & Conditioning	Course #: 3330SC	Grade(s): 9, 10, 11, 12
Description		
<p>Prerequisite(s): Enrolled in a BHS Athletic program/sport</p> <p>This class is designed for those students who are involved with competitive athletics at Bixby High School. Strength and Conditioning includes a wide variety of exercises, lifts, and techniques designed to maximize one's overall total fitness, strength, and agility. Throughout the course, the athletes will gain a better understanding of human musculature, and how to target specific areas that will enable them to reach personal goals. Finally, this course will enable athletes to benefit from sport specific movements allowing each student more functional strength for the sport they compete in.</p>		





Coming Soon!



Outdoor Sports	Course #: 2715	Grade(s): 9, 10, 11, 12	⑨
Description			
<p>This class seeks to instill safety, responsibility, and discipline through archery, pistol, rifle, and shotgun sports. After a thorough understanding of safety and operation, students will learn about and participate in several sports such as Steel Challenge, Bullseye, Trap, and Skeet. Classroom work will focus on fundamentals and simulation. Weekend or field trips to appropriate facilities will be necessary for live fire practice and competition.</p>			 Coming Soon!


TULSA TECHNOLOGY CENTER PRE-ENGINEERING PROGRAM

Tulsa Tech's College Prep Pre-Engineering Program, when combined with college preparatory mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering and engineering technology prior to entering college. Completion of this challenging program will allow students to be better prepared for college engineering programs. Students must first take Introduction to Engineering in the 9th grade, then Principle of Engineering in the 10th grade.



- Additional Tulsa Technology Center courses can be found at: <https://tulsatech.edu/>
- Students may visit the Tulsa Technology Counselor in the BHS Counseling Office.

Introduction to Engineering Design (I.E.D.)	Course #: 9031	Grade(s): 10	
Description			
<p>Prerequisite(s): Acceptance into TTC program. Applicants must have a C or better in pre-Algebra or a higher math</p> <p>This course emphasizes the development of a design. Students use computer software to produce, analyze, and evaluate models of project solutions. They study the design concepts of form and function and use state-of-the-art technology to translate conceptual design into reproducible products. Students must apply for this course through Tulsa Tech during the Tulsa Tech pre-enrollment window. This course counts as 1.0 units of computer technology credit and is weighted on a 5 point scale.</p>			


Principles of Engineering (P.O.E)	Course #: 9032	Grade(s): 10	
Description			
<p>Prerequisite(s): Acceptance into TTC program This course is 1.0 units of computer technology credit.</p> <p>A hands-on course that helps students understand the field of engineering and engineering technology. Utilizing projects, modeling kits and computers, students explore technology systems and engineering processes to find out how math, science and technology help people.</p>			

Foundations of Manufacturing	Course #: 9676	Grade(s): 9, 10, 11, 12	
Description			
<p>Prerequisite(s): Acceptance into TTC program</p> <p>This is a hands-on course that will introduce students to many different skilled trades. Topics introduced include safety practices, 3D printing, Epilog laser cutter, CNC machining, mechatronics, aviation manufacturing, automation and robotics, manufacturing processes, and introduction to lean manufacturing. Class is located at Glenpool High School. Students may catch a bus at Bixby HS at 8:05 for Glenpool. Class begins at 8:25 and students will return before second hour.</p>			

ATHLETICS & NCAA REQUIREMENTS

	<p>Athletic participation at the high school level is contingent upon a tryout and/or coach's approval. Students new to a sport should contact the athletic department regarding tryouts and specific rules & regulations. Upon a student being scheduled in a sport, the student will be required to remain in that sport through the end of the semester, unless it is a season sport, and it has been completed at which time notice from the athletic director for a change in schedule will be required.</p>	<p>See HERE for more information.</p>
 <p>NCAA ELIGIBILITY REQUIREMENTS & REGISTRATION</p>	<p>To be successful in college, students need to be prepared for college coursework. In Division I and Division II, the NCAA sets academic initial-eligibility standards that take into account GPA, standardized test scores, core courses taken in high school and the grades earned in those core courses. Division III schools hold student-athletes to the same overall standards for the institution in which they're enrolling.</p> <p>All student-athletes also must meet the unique acceptance requirements of the college or university they plan to attend (which may exceed NCAA standards).</p> <p>Students planning to compete in 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 towards meeting the NCAA requirements. Listed below are the BHS courses that are NCAA Approved. Students must choose courses carefully to comply with BHS graduation requirements. For complete information regarding GPA and ACT/SAT score requirements and to register students with the NCAA Eligibility Center, visit: www.eligibilitycenter.org</p>	

VIRTUAL LEARNING: SPARTAN CONNECTION ACADEMY

	<ul style="list-style-type: none"> • Students may attend full time virtual classes through Spartan Connection Academy and may select a blended schedule of in-person and online learning. • Students who are NCAA bound or those enrolled in AP courses may have additional fees for virtual courses on. 	<p>See HERE for more information.</p>
---	--	---


DUAL ENROLLMENT (Concurrent Enrollment) & OTHER OPPORTUNITIES



Dual enrollment (formerly known as concurrent enrollment) permits qualified students to take courses for dual credit while completing high school requirements for graduation. Only qualified juniors and seniors who are able to meet all Bixby High School graduation requirements may take concurrent courses. Students interested in concurrent enrollment should meet with their counselor for details on admissions and enrollment.


If a student is enrolling in Comp I or Comp II for dual credit, students have two pathways as options:

Pathway 1: A student may enroll in Comp I and Comp II as a senior. However, he/she must take English III on the BHS campus his/her junior year in order to be eligible.

Pathway 2: Students may enroll in Comp I as a junior and Comp II as a senior. Each course is a one-semester course, but each fulfills the full-year English credit requirement for graduation. Students who choose this option must select an additional semester-long course to maintain the fulfillment of the six-period day requirement.

	<p>High school students are enrolled through a cooperative effort with Bixby High School and Tulsa Technology Centers. An entrance assessment of the student's interests and aptitudes is required prior to official enrollment. A student will be accepted in a training program in which he or she shows an ability to succeed. Some courses have specific prerequisites. Acceptance is at the sole discretion of TTC. See https://tulsatech.edu/ for more information.</p> <p>Due to Tulsa Tech buses leaving before the start of the BHS school day and returning well after our school day has ended, students who attend Tech should be able to provide their own transportation to and from BHS.</p> <p>Why TulsaTech?</p> <ul style="list-style-type: none">• Earn up to three units per year toward high school graduation and college admission while also working possible certification in various trade programs.• TulsaTech offers students the opportunity to become career ready immediately after high school and/or to explore programs related to a four-year college path.	<p>See HERE for more information.</p>
---	--	--

 TULSA COMMUNITY COLLEGE	<p>The Tulsa Community College Dual Enrollment Program is open to qualified, high school seniors and eligible juniors. Whether you want to transfer to a university or enter the workforce, TCC helps you get a head start!</p> <p>Please keep in mind there are both admission requirements as well as course enrollment requirements. See here for details!</p>	<p>See HERE for more information.</p> 
--	---	---

	<p>Classes will be held at both BHS and OSU IT (transportation provided). Below is the schedule of courses which are limited to a maximum of 15 students and costs associated. Students may apply for financial assistance with their counselor.</p> <p>For more information on OSU-IT and Concurrent enrollment academic requirements please see here.</p>	<p>See HERE for more information.</p>
---	--	---

OTHER DUAL ENROLLMENT OPPORTUNITIES

These partnerships are growing and changing. Speak to your counselor about other institutions where dual enrollment is available.

		
<ul style="list-style-type: none"> • University of Oklahoma 	<ul style="list-style-type: none"> • Oklahoma State University 	<ul style="list-style-type: none"> • Oral Roberts University

COURSE INDEX

****SUBJECT TO CHANGE****

ENGLISH	8
English I	9
Music as Literature	9
Honors English I	10
Honors Music as Literature	10
English II	10
Honors English II	10
English III	11
AP English Language & Composition	11
English IV	11
AP English Literature & Composition	11
MATH	12
Algebra I	14
Geometry	14
Honors Geometry	14
Intermediate Algebra	15
Algebra II	15
Honors Algebra II	15
Algebra III	16
Statistics & Probability	16
Honors PreCalculus	16
AP PreCalculus	17
AP Calculus AB	17
AP Calculus BC	17
AP Statistics	18
TCC Math Learning Community: Algebra III to PreCalc I	18

SCIENCE	19
Physical Science	21
Biology I	21
Honors Biology I	21
Chemistry I	21
Honors Chemistry I	22
AP Chemistry II	22
Physics I	22
AP Physics I	22
AP Physics II	23
AP Physics C	23
AP Biology II	23
Anatomy & Physiology	24
Principles of Biomedical Science	24
Human Body Systems	24
Zoology	25
Environmental Science	25
AP Environmental Science	25
Forensic Science	26
Geology	26
SOCIAL STUDIES	27
Oklahoma History	28
Honors Oklahoma History	28
United States Government	28
Honors United States Government	29
Modern History	29
United States History	29
AP United States History	29
AP World History	30
AP US Government & Politics	30

Human Geography	30
AP Human Geography	31
Asian Studies	31
Holocaust Studies	31
Military History	32
Psychology	32
Sociology	32
AP Psychology	32
ELECTIVES	33
AGRICULTURE	33
Intro to Agriscience	33
Agricultural Power & Technology	33
Equine Science	34
Intro to Agricultural Communications	34
Introduction to Horticulture	34
Small Animal Care & Veterinary Assisting	35
Introduction to Animal Science	35
BUSINESS & MARKETING	35
Entrepreneurship	35
Marketing Fundamentals	36
Buying & Merchandising	36
Business & Marketing Communications	36
Employment Essentials	37
COMPUTER SCIENCE	37
Aviation Technology	37
Computer Science Essentials	37
Computer Science Principles	38

Fundamentals of Technology	38	Applied Voice	47	MISCELLANEOUS	55
Advanced Fundamentals of Technology	38	Theater Production	48	Introduction to Leadership	55
Graphic Design & Desktop Publishing	39	High School Band	48	Leadership Development I	56
Multimedia & Image Mgmt. Techniques	39	AP Music Theory	48	Leadership Development II	56
Fundamentals of Web Design	39	Applied Music/ Pre-Music Education	49	Be Well Life Skills	56
FAMILY & CONSUMER SCIENCES	40	Music Immersive Experience	49	eSports	57
FACS Basics	40	Debate	49	Current Issues	57
Human Growth & Development	40	Advanced Debate	50	Internship	57
Interpersonal Studies	40	Drama	50	Capstone	58
Lifetime Nutrition & Wellness	41	Acting - (Advanced)	50	Service Learning (Job Out)	58
Fashion Design 1	41	WORLD LANGUAGES	51	Office/Secretarial Procedure	59
Fashion Design 2*	41	French I	51	Intro to Architecture & Design	59
FINE ARTS	42	French II	51	Spartan Charge Help Desk I	59
Arts and Crafts	42	French III	51	Spartan Charge Help Desk II	60
Art I	42	Spanish I	52	PHYSICAL EDUCATION	60
Art II	43	Spanish II	52	Healthy Living 101	60
Art III	43	Honors Spanish II	52	Life-Time Sports	60
Art IV	43	Honors Spanish III	53	Student Athletic Trainer	61
AP Studio Art	44	Honors Spanish IV	53	Weight Training	61
Sculpture 1 & 2	44	American Sign Language I	53	Girls' Fitness	61
Studio Art 3-D Design	44	American Sign Language II	53	Athletic Strength & Conditioning	62
Folk Art I-IV	45	JOURNALISM	54	Outdoor Sports	62
Ceramics/Pottery I-IV	45	Digital Media Production/ Broadcasting	54	TULSA TECHNOLOGY CENTER	
Piano Lab	45	Digital Media Production/ Advanced	54	PRE-ENGINEERING PROGRAM	63
Creative Writing	46	Broadcasting	54	Introduction to Engineering Design	
Vocal Music 1	46	Yearbook	54	(I.E.D.)	63
Ambassador Choir	47	JROTC	55	Principles of Engineering (P.O.E)	63
Singing for Non-Singers	47	JROTC Leadership Education	55	Foundations of Manufacturing	64
		Drill & Ceremony	55		