

EISENHOWER HIGH SCHOOL



ENROLLMENT BULLETIN 2017-2018

School Profile

School & Community

The Lawton/Fort Sill community has a population of approximately 96,000. The main employers are the United States Army and Goodyear Tire and Rubber. Smaller industries and local businesses support the economic base. A strong vocational technology system and Cameron University extend the educational opportunities during and following high school.

Eisenhower Senior High School is a public school which includes grades 9-12. Our current enrollment is 1275 and the class of 2017 has 260 seniors. We have a multi-cultural population consisting of 42% White or Other, 33% African-American, 15% Hispanic, 3% Asian, and 7% Native American. Our school runs on a semester schedule.

Mission

I - Integrity K – Knowledge E - Excellence

Eisenhower High School's mission statement is to promote Integrity, Knowledge, and Excellence.

Comprehensive High School

Number of Students	1,275
Number of Seniors	260
Number of AP Courses	18
Number of Pre-AP Courses	11
Grading Scale	4.0
Weighted Scale	5.0
Mean ACT Score	19.9
Graduates attending 4 year college	61%
Graduates attending 2 year college	1%

Accredited North Central Association of Colleges and Secondary Schools
Member of College Board

GRADE CLASSIFICATION IN HIGH SCHOOL

GRADE 9: Three required subjects must be passed in 8th grade before a student can be classified as a freshman.

GRADE 10: Four credits must be completed before a student can be classified as a sophomore.

GRADE 11: Eleven credits must be completed before a student can be classified as a junior.

GRADE 12: Seventeen credits must be completed before a student can be classified as a senior.

Website: www.ikeeagles.org

****INTRODUCTION****

This bulletin of information has been prepared as a guide to help you in developing your educational plans. You are encouraged to use this information thoughtfully and carefully in making your course selections. A counselor will then confer with you individually to assist you in enrolling for the next school year and to help you with tentative plans for your remaining high school years. Remember, you are ultimately responsible for your education.

HINTS FOR USING THE HIGH SCHOOL ENROLLMENT BULLETIN

- Course descriptions are listed by department.
- Prerequisite: This course must have been previously completed.

INDEX

DEPARTMENT	PAGE	DEPARTMENT	PAGE
PART I – PLANNING GUIDE		Speech	
Four-Year Graduation Planning	1	Speech (9-12)	11
Graduation Requirements	2	Speech II/Competitive Speech (9-12)	11
Counseling Services	3	Drama	
Course Selection	4	Drama I (9-12)	11
Seal of Distinction.	4	Drama II (10-12)	11
Weighted Grade Philosophy	4	Drama III (11-12)	12
Entry Requirements for OK Colleges	5	Stage Crafts I (9-12)	12
Testing Information	6	Stage Crafts II (10-12)	12
OKLAHOMA'S PROMISE.	7	Music	
NCAA College Athlete Requirements	8	Vocal Music I/Concert Choir (9-12)	12
PART II – COURSE DESCRIPTIONS		Vocal Music II (9)	12
BUSINESS		Vocal Music III/Women's Honor Choir (10-12)	13
Careers Exploration (10-12)	9	Show Choir III/Gentry Singers (10-12)	13
Computer Applications I (9-12)	9	Music Appreciation (9-12)	13
Computer Applications II (10-12)	9	Band	
Web Design I (11-12)	9	Marching/Symphonic Band (9-12)	13
Web Design II (12)	9	Jazz Band ((9-12).	13
Desktop Publishing (Yearbook) (9-12)	9	Orchestra II (9-10)	14
Introduction to Engineering (9-10)	10	Orchestra III (9-12)	14
Principles of Engineering (10)	10	LANGUAGE ARTS	
COMPUTER SCIENCE		English I (9)	14
Pre-Advanced Placement Computer Science A (10-12)	10	English II (10)	14
Advanced Placement Computer Science A (11-12).	10	English III (11)	14
FINE ARTS		English IV (12)	14
Art		Pre-AP English I (9)	14
Art I (9-12).	10	Pre-AP English II (10)	14
Art - Mixed Media (9-12)	10	AP English Language (11)	15
Art - Painting (10-12)	10	AP English Literature (12).	15
Art - Printmaking (10-12)	10	Creative Writing (9-12)	15
Ceramics/Pottery (10-12).	11	Reading (9-12)	15
Art 3D (10-12).	11		
Art III / Advanced Art (11-12)	11		
Drawing (9-12)	11		

DEPARTMENT	PAGE
FOREIGN LANGUAGE	
French I (9-12)	15
French II (10-12)	15
French III (11-12)	15
German I (9-12)	16
German II (10-12)	16
German III (11-12)	16
Spanish I (9-12)	16
Spanish II (10-12)	16
Pre-AP Spanish II (10-12)	16
Pre-AP Spanish III (11-12)	16
AP Spanish Language (12)	16
MATHEMATICS	
Pre-Algebra (9)	16
Algebra I (9-10)	17
Geometry (9-11)	17
Pre-AP Geometry (9-10)	17
Intermediate Algebra (10-12)	17
Algebra II (10-12)	17
Algebra IIB (11-12)	17
Pre-AP Algebra II (10-11)	17
Algebra III (11-12)	17
AP Statistics (11-12)	17
Trigonometry (11-12)	18
Pre-AP Trigonometry (11-12)	18
Pre-Calculus (11-12)	18
Pre-AP Calculus (11-12)	18
AP Calculus AB (11-12)	18
Mathematics of Finance (12)	18
SCIENCE	
Biology I (9-12)	18
Biology II (10-12)	19
Anatomy (10-12)	19
Botany (10-12)	19
Zoology (11-12)	19
AP Environmental Science (11-12)	19
Pre-AP Biology (9-10)	19
AP Biology (11-12)	19
Physical Science (9-12)	19
Earth Science (10-12)	20
Chemistry I (10-12)	20
Pre-AP Chemistry (10-11)	20
AP Chemistry (10-12)	20
Physics (11-12)	20
AP Physics 1 (11)	20
AP Physics 2 (12)	20
SOCIAL STUDIES	
Oklahoma History (9-12)	20
Honors Oklahoma History (9)	21
US Government (9-12)	21
Honors US Government (9)	21
World History (10-12)	21
AP World History (10-12)	21
AP European History (10-12)	21
United States History (11-12)	21
AP U.S. History (11-12)	21
AP Comparative Government / Politics (12)	21
Black History (11-12)	22
Current Issues (9-12)	22
Economics I (10-12)	22
Economics II (10-12)	22

DEPARTMENT	PAGE	
SOCIAL STUDIES (cont.)		
Personal Financial Literacy (9-12)	22	
Sociology (9-12)	22	
AP Microeconomics (11-12)	22	
AP Macroeconomics (11-12)	22	
Psychology (9-12)	23	
AP Psychology (11-12)	23	
AGRICULTURAL EDUCATION		
Introduction to Agriscience (9-10)	23	
Agriscience II (10-12)	23	
Introduction to Animal Science (11-12)	23	
Introduction to Agricultural Communications (12)	23	
FAMILY & CONSUMER SCIENCE		
Family and Consumer Science IA (9-12)	23	
Family and Consumer Science IB (9-12)	24	
Nutrition Food and Wellness (10-12)	24	
Food Preparation and Nutrition for Life (10-12)	24	
MILITARY SCIENCE		
ROTC (9-12)	24	
ROTC—Advanced I (9-12)	24	
PHYSICAL EDUCATION		
PE/Boys (9-12)	25	
PE/Girls (9-12)	25	
PE/Cheerleading (9-12)	25	
PE/Dance (9-12)	25	
Weight Training - Boys (11-12)	25	
Weight Training - Girls (9-12)	25	
Boys Athletic Weights (9-12)	25	
Girls Athletic Weights (9-12)	25	
Football Weights (10-12)	25	
Football Weights JV (9)	26	
Basketball Weights - Boys (9-12)	26	
Basketball Weights - Girls (9-12)	26	
Sports Trainer (9-12)	26	
SPECIAL EDUCATION		
All courses (9-12)	26	
ADDITIONAL COURSES		
Character Education (9)	26	
Service Learning (9)	26	
College Test Prep (11-12)	26	
Internship / Mentorship (11-12)	26	
Library Science (12)	27	
Office Procedures (12)	27	
Student Council Leadership	27	
CONCURRENT ENROLLMENT (11-12)		27
GREAT PLAINS TECHNOLOGY CENTER		28-30
ACE GRADUATION CHECKLIST		31
ACE (Achieving Classroom Excellence)		32
OFFICE AIDE ENROLLMENT FORM		33
Trial Enrollment Form		34
SCHOOL CALENDAR 2017-2018		Inside Back Cover

PLANNING GUIDE

FOUR-YEAR GRADUATION PLANNING FORM

The purpose of this model is to show your four-year program in its entirety. Although you may change your mind many times as you progress, it is always wise to have a planned program. To avoid needless errors and omissions long-range planning cannot be over-emphasized. Fill in the courses you have taken and/or plan to take in high school. Include the core credits required for graduation.

Name _____ Date _____ Counselor _____

	FRESHMAN YEAR	SOPHOMORE YEAR
Language Arts	English I	English II
Mathematics		
Science		
Social Studies		
Elective		
Elective		
Elective		

	JUNIOR YEAR	SENIOR YEAR
Language Arts	English III	English IV
Mathematics		
Science		
Social Studies		
Elective		
Elective		
Elective		

GRADUATION REQUIREMENTS

Class of 2017 & 2018		Class of 2019 & beyond	
College/Work Ready Requirements	Core Curriculum Requirements	College/Work Ready Requirements	Core Curriculum Requirements
4 credits English	4 credits English	4 credits English	4 credits English
Grammar, Composition, Literature, or any English course approved for admission requirements		Grammar, Composition, Literature, or any English course approved for admission requirements	
3 credits Mathematics	3 credits Mathematics	3 credits Mathematics	3 credits Mathematics
College/Work Ready Requirements	Core Curriculum Requirements	College/Work Ready Requirements	Core Curriculum Requirements
Limited to Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Calculus, or any math course with content and/or rigor equal to or above Algebra I and approved for college admission requirements	Algebra I and 2 credits selected from other mathematics (including Intermediate Algebra and Math of Finance)	Limited to Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Calculus, or any math course with content and/or rigor equal to or above Algebra I and approved for college admission requirements	Algebra I and 2 credits selected from other mathematics (including Intermediate Algebra and Math of Finance)
3 credits Science	3 credits Science	3 credits Science	3 credits Science
Limited to Biology I, Environmental Science, Physical Science, Chemistry, Physics, Zoology, Anatomy, or any lab science with content and/or rigor above Biology.		Limited to Biology I, Physical Science, and 1 with rigor above Biology I or Physical Science	Biology I and 2 credits from other science courses
3 credits Social Studies	3 credits Social Studies	3 credits Social Studies	3 credits Social Studies
US Government, Oklahoma History, World History, and US History	US Government, Oklahoma History, World History, and US History	US Government, Oklahoma History, World History, and US History	US Government, Oklahoma History, World History, and US History
2 credits of the same Foreign Language or non-English language OR 2 credits of Computer Technology excluding keyboarding		2 credits of the same Foreign Language or non-English language OR 2 credits of Computer Technology excluding keyboarding	1 credit of Computer Technology not keyboarding
1 additional credit selected from any of the above		1 additional credit selected from any of the above	
1 credit of Fine Arts Includes art, band, choir, drama, music appreciation, and speech	2 credits of Fine Arts Includes art, band, choir, drama, music appreciation, and speech	1 credit of Fine Arts Includes art, band, choir, drama, music appreciation, and speech	1 credit of Fine Arts Includes art, band, choir, drama, music appreciation, and speech
Minimum 6 Elective credits	Minimum 8 Elective credits	Minimum 6 Elective credits	Minimum 8 Elective credits
PFL and CPR/AED requirement apply to all students from 2016 and beyond.			
Total 23 credits required to earn High School Diploma			

****COUNSELING SERVICES****

The Guidance Department of Eisenhower High School seeks to aid students, parents and teachers through discussion of school or personal problems and in providing information concerning education or careers. The student, however, is ultimately responsible for his/her education.

Parents who wish to visit a counselor or teacher should call the Guidance Office at 580-215-0255 and ask for the appropriate extension listed below.

Students needing an official transcript and/or reading proficiency documentation must call or see the registrar (Guidance Office) at 580-215-0255, Ext. 3016.

Counselors and their 2017-2018 assignments:

Vickie Baker	Sophomores	vbaker@lawtonps.org	Ext. 3012
Alicia Brierton	Juniors	abrierton@lawtonps.org	Ext. 3014
Shawn Green	Seniors	sgreen@lawtonps.org	Ext. 3011
Janet Harrington	Freshman	jharrington@lawtonps.org	Ext. 3013

TRIAL ENROLLMENT

Please list your course selections prior to enrollment day.

_____, _____, _____, _____
 LAST NAME FIRST NAME GRADE PHONE

1st SEMESTER

2nd SEMESTER

CRS #	COURSE NAME	CRS #	COURSE NAME

To assist in scheduling, please list one full year alternative course and one one-semester alternative course below.

Full year course _____

One-semester course _____

Student is enrolled in the OKLAHOMA'S PROMISE Program _____ YES _____ NO

Student's Signature: _____

Parent's Signature: _____

COURSE SELECTION

Course selections should be firm decisions, thoughtfully made by the student after careful consultation with parents, guardians, teachers and counselors. Considerations should be:

1. Graduation requirements: both total credits and specific courses
2. Prior successes and failures
3. Special interests and aptitudes
4. College entrance requirements and other career plans
5. Prerequisites

Institutional staffing, scheduling, building use, and budgetary decisions are based upon student pre-enrollment. From the beginning of the scheduling process until the end of May, students are provided ample opportunities to take an active part in the development of their schedules. After school starts, all class changes will be principal initiated – see principals for form. Schedule change requests may be made during the first 5 days of school for the following reasons only:

- A. To make up failures
- B. Computer error
- C. Outside credit earned
- D. Misplacement due to lack of prerequisite or inadequate background

SEAL OF DISTINCTION

A seal of distinction will be awarded to students with a 3.25 grade point average on a 4.0 scale who meet or exceed the following criteria by the end of their senior year in high school.

1. Earn four credits in English, mathematics, (Algebra I or higher), social studies and science.
2. Earn two additional credits in the area of technology, the humanities, or the arts.
3. Earn two credits in a foreign language.
4. Score a satisfactory/proficiency on all criterion-referenced tests in high school.

****WEIGHTED GRADE PHILOSOPHY****

It is the philosophy of the Lawton Public Schools to assume responsibility for maintaining quality curriculum for students. Furthermore, within this framework, opportunities for individual students to achieve their full potential should be provided. Weighted grades provide an incentive for many students to enroll in and remain in Advanced Placement (AP) and Pre-AP classes.

PERFORMANCE REQUIREMENT

Performance requirements vary depending on whether students wish to enter OU or OSU, other 4-year institutions in the state, or a two-year program or college.

FALL 2017

<u>INSTITUTION</u>	<u>TEST SCORE</u>	<u>GPA/CLASS RANK</u>
OSU	24 ACT or 1090 SAT or	3.0 and upper 33%
OU	24 ACT or 1090 SAT or	3.0 and upper 25%
USAO	24 ACT or 1090 SAT or	3.0 and upper 33%
Other 4-year colleges	20 ACT or 940 SAT or	2.7 and upper 50%
Two-year Colleges	No minimum required. You do not need to make certain scores, but you should take required high school classes AND graduate from an accredited high school or have a GED AND take the ACT exam.	

***AVOID REMEDIAL CLASSES!** In order to take regular classes at the college level, you need a **19** in the subject area on the ACT! Remedial classes take time and money, but do not count toward graduation!!

ACT / ENGLISH	19	to take Freshman Comp I
ACT / MATH	19	to take College Algebra (some colleges require a 24!)
ACT / READING	19	to take History, Government, Psychology, Sociology, Humanities, and other Social Science courses
ACT / SCIENCE	19	to take Biology, Chemistry, Geology, etc., even General Science!

Students who do not score 19 on any of the four subtests on the ACT must take a subject placement test at college. If they do not make the required score, they will be placed in a remedial course in that subject. These courses cost more than regular courses and no college credit is awarded. Therefore, students who do not have the required score on any subtest, may want to take the ACT again and try to raise that subtest score. This may prevent them from having to take no-credit courses in college.

***NOTE:** College and university requirements may change and requirements for private institutions may be different. See your counselor for up-to-date information.

****TESTING INFORMATION****

PRELIMINARY SCHOLASTIC APTITUDE TEST – NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST (PSAT/NMSQT) – The PSAT/NMSQT is offered to freshman, sophomores and juniors. The juniors take the test to qualify for national level scholarships. Freshman and sophomores take the test as an orientation and practice. The test is offered only one day in October and is administered by Eisenhower High School. The cost is \$15.00 (fee may change), and students may register in the main office, starting in September.

AMERICAN COLLEGE TESTING

(EHS CODE #372-066)

The **ACT** is the college entrance test required by most Oklahoma colleges. Registration is by mail or online at www.actstudent.org. Obtain forms in the Guidance Office. Test fee is \$42.50 (fee may change). Tests are given in September, October, December, February, April, and June.

SCHOLASTIC APTITUDE TEST (SAT & SAT Subject Tests)

(EHS CODE #372-066)

SAT is another college entrance test, accepted by most colleges and required by some. Registration is by mail or online at www.sat.collegeboard.org. Obtain forms in the Guidance Office. Test fee is \$54.50 (fee may change). The test is given in Lawton only 3 times each year.

SAT Subject Tests measure students' abilities in specific subject tests (ex. Writing, Literature, World History, Math, Chemistry, French, etc.) The SAT Subject Tests are required by very few colleges and are used mainly for placement and admission purposes. No Oklahoma colleges require the SAT Subject Tests. Check with your counselor or the college you are considering before deciding to take the test.

The **SAT** and **SAT Subject Tests** are offered seven times a year but only three times locally – (Cameron University). The **SAT** cost is \$52.50, and the **SAT Subject Test** fee is \$26.00 and up for one to three tests.

PLEASE NOTE – Dates and prices of tests may have changed slightly since the printing of this booklet.

NOTE: Students may take either the ACT or SAT for admissions to college. The ACT is the preferred test for Oklahoma colleges and universities.

OKLAHOMA'S PROMISE PROGRAM REQUIREMENTS

The **OKLAHOMA'S PROMISE** program offers college tuition scholarships to students that complete the requirements of the program in high school. Applications are available in the Guidance Office or online at www.okpromise.org.

Remember, you, the student, are ultimately responsible for completing all the requirements for the program and contacting OK Promise if you move.

ELIGIBILITY REQUIREMENTS

- The student must be a resident of the state of Oklahoma.
- The student must be enrolled in the eighth, ninth, or tenth grade.
- The student's family income from taxable and nontaxable income for the most recently completed tax year must not exceed \$50,000. A copy of the official, signed IRS form and the OKLAHOMA'S PROMISE Family Income Verification Worksheet is required.

PROGRAM REQUIREMENTS FOR STUDENTS

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

- The student must have at least a 2.5 cumulative GPA for **all** course work attempted in grades 9 through 12.
- The student must also complete the following 17-credit core curriculum and achieve at least a 2.5 GPA for the 17-credit core curriculum:
- The student must have exemplary behavior and attendance throughout high school.

OKLAHOMA'S PROMISE PROGRAM REQUIREMENTS	
Language Arts (4 credits)	4 credits of English: Grammar, Composition, Literature
Mathematics (3 credits)	3 credits of Mathematics (Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Calculus)
Science (3 credits)	3 credits of Lab Sciences (Biology, Chemistry, Physics, or any certified lab science; General Science with or without a lab may not be used to meet this requirement)
Social Studies (3 credits)	3 credits of History & Citizenship Skills (Including 1 credit of U.S. History and 2 additional credits from the subjects of history, economics, geography, government, or non-Western Culture)
Foreign Language or Computer Technology (2 credits)	2 credits of the same Foreign Language or non-English language or 2 credits of Computer Technology, excluding keyboarding or typing courses
Additional Credits (2 credits)	1 additional credit selected from any of the above; 1 set of Fine Arts Competencies
Total	17 credits

NCAA College Athlete Requirements

Before an athlete can play a sport or receive an athletic scholarship at a Division I or II university, he or she must meet specific academic criteria as set forth by the National Collegiate Athletic Association (NCAA).

To be eligible at a Division I school, the student with a minimum GPA will need a high test score, and the student with a minimum test score will need a high GPA. See your guidance counselor for specific details.

Students must take specific courses in order to meet NCAA eligibility requirements. The courses required are listed below.

CLASS OF 2018

16 Core Courses

- * 4 years of English
- * 3 years of mathematics (Algebra I or higher)
- * 2 years of natural/physical science with labs
- * 1 year of additional English, mathematics or natural/physical science
- * 2 years of social science
- * 4 years of additional courses from any area above or foreign language, philosophy, or non doctrinal religion (e.g. comparative religion courses)

Because the NCAA has such specific requirements, it is very important that athletes meet with their guidance counselor in the ninth or tenth grade to obtain information on all of the NCAA requirements.

Athletes should take the ACT or the SAT no later than the spring of their junior year in order to have time to retake them if necessary. In order to initiate the eligibility process, athletes **must complete a NCAA Clearinghouse Student Release Form** after completion of the junior year. The NCAA Clearinghouse prefers that students register on the Web if possible. The registration fee may be paid by MasterCard or Visa debit or credit card. You can access the clearinghouse Web site at www.eligibilitycenter.org.

COURSE DESCRIPTIONS

BUSINESS

CAREERS EXPLORATION

Grades: 10, 11, 12

1 semester – 1/2 credit

This course is designed to help students identify the career that best fits their interests and abilities. Students will explore their career interests with surveys, studying career information, and listening to guest speakers. Students will use tutorials and classroom activities to improve themselves for future education and/or the workplace. This class is truly about the student and what they are looking to do after high school.

COMPUTER APPLICATIONS I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

This course is designed to acquaint students with the basics of computer software programs. This course will go over a comprehensive review of word processing programs, spreadsheet programs, and presentations programs. The students will also be introduced to email etiquette and basic computer skills needed in today's professional workplace.

COMPUTER APPLICATIONS II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Computer Applications I

This course will expand on Computer Applications I. The students will be introduced to more email functions along with going more in depth with spreadsheets, word processors, and presentations. The students will be introduced to publishing programs and start learning how to create such things as newsletters and fliers using these programs. The students will start to learn web based programs that will aid in their productivity as a cyber citizen.

WEB DESIGN I

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: Successful completion of Computer Applications I & II

An introduction to the World Wide Web and the fundamentals of web design will be the main focus of this course. Students will learn the world of multimedia and interactivity elements such as animation, audio, video elements, and interactive elements. In addition, the students will learn how to create, design, and maintain multi-page websites using HTML5, CSS3, and JavaScript. This course is a project based course.

WEB DESIGN II

Grades: 12

2 semesters – 1 credit

Prerequisite: Successful completion of Web Design I and an application process

Students in this class will be maintaining and creating an aspect of the school website. They will be responsible for the upkeep and maintenance of the pages. Students will get hands-on experience in web design and work as a team to complete projects. Submit application for selection.

DESKTOP PUBLISHING (Yearbook)

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Application and interview process

This is a once-in-a-lifetime chance to influence the memories of your classmates by producing THE memory book. The emphasis will be the production of a high quality, full color, 240 page publication. Students will learn theme development, interview techniques, feature, headline, and caption writing, layout design, editing for design and content, photography, and sound economic fundamentals. They will sell advertising spots, books, and other fundraisers to pay for all publication costs. Students will become experts in the use of Adobe PhotoShop, PageMaker, and InDesign software programs. Students will be required to occasionally spend time before and after school during yearbook sales and deadlines.

INTRODUCTION TO ENGINEERING (IED)

Grade: 9, 10

2 semesters – 1 credit

Prerequisite: Enrolled in Algebra I

The major focus of this course is to expose students to design processes, research and analysis, teamwork, communication methods, global and human impact, engineering standards, and technical documentation. This course assumes no previous knowledge.

PRINCIPLES OF ENGINEERING (POE)

Grade: 10

2 semesters – 1 credit

Prerequisite: IED

This course exposes students to some of the major concepts in a post-secondary engineering course of study. Students will work with design, mechanics and software using VEX Robotic systems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges.

COMPUTER SCIENCE

PRE-AP COMPUTERSCIENCE A

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: concurrent enrollment in Algebra II

This course is an entry level course to computer programming using the computer science language, JAVA, and is offered for the student with a special interest in computer programming and will prepare students desiring to take the AP Computer Science course. **This course provides one credit of Computer Technology credit toward OHLAP and College Preparatory graduation requirements.**

AP COMPUTER SCIENCE A

Grades: 11, 12

Two semesters – 1 credit

Prerequisite: Algebra II

The Advanced Placement Computer Science course is a college level introductory course to structured programming using the computer science language, JAVA, and is offered for the student with a special interest in this area. Students who enroll will be expected to take the Advanced Placement Exam near the end of the course. **This course provides one credit of Computer Technology credit toward OKLAHOMA'S PROMISE/OHLAP and College Preparatory graduation requirements.**

FINE ARTS

ART I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Fee: \$20.00/year (\$10.00/semester)

Course content includes the following: fundamentals of art, basic drawing, painting, printmaking, and bookmaking.

ART - MIXED MEDIA

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

Fee: \$25.00

This class is a fun project-filled class for all ability levels. This course will provide opportunities to create various art objects based on form and function. Students will explore how world cultures and their traditions influence the creation of art objects such as papermaking, bookmaking, weaving, basket weaving, stained glass and mosaics.

ART - PAINTING

Grades: 10, 11, 12

1 semester – 1/2 credit

Prerequisite: Introduction to Drawing or Art I

Fee: \$25.00 per year

Painting includes hands-on projects as well as reading and writing assignments. A variety of mediums will be used including oil paints as well as acrylics on stretched canvas, and water color on water color paper. Students will look at the master painters from history and the present to develop a style that they can use for future art projects.

ART - PRINTMAKING

Grades: 10, 11, 12

1 semester – 1/2 credit

Fee: \$25.00

This will be an introductory course which will provide students the opportunity to explore a variety of printmaking techniques including monoprints, monotypes, linocuts, and silkscreen printing.

CERAMICS/POTTERY

Grades: 10, 11, 12

One semester – 1/2 credit

Fee: \$25.00

This course introduces students to fundamental methods of forming clay. The basic technique for hand-building (pinch pot, slab construction, and coil construction) will be demonstrated. Special emphasis on the development for modeling clay into a variety of items. Craftsmanship, creativity, and an appreciation for the elements are emphasized in this class. Students will learn how to finish their pieces with various types of glaze and other techniques. The terminology and definitions of materials and ceramic processes as well as ceramic art history will be presented. There will also be one Silent Auction per year with all funds received going to a local charity.

Art 3-D

Grades: 10, 11, 12

2 semesters – 1 credit

Fee: \$40.00/year (\$20.00/semester)

Prerequisite: Art I

This course expands on the Elements of Art and Principles of Design from Art I. Students will utilize those skills in assignments focusing on Fine Art concepts and Functional art projects. Students will work in a variety of mediums.

Art III/Advanced Art

2 semesters – 1 credit

Fee: \$40.00/year (\$20.00/semester)

Prerequisite: Art I and instructor approval

This course is an advanced-level continuation of drawing and design with emphasis on techniques, composition and color. Students explore multi-media approaches to assigned problems. The program may incorporate a variety of artist genre. Styles of execution for each assignment will differ based on student interpretations. It is requested that all students to this course see the teacher prior to being admitted.

DRAWING

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

Fee: \$25.00

This class will be an introductory course for students who would like to become better at drawing. Students will explore the principles and elements of art using a variety of techniques and media to include graphite, charcoal, and pastels.

SPEECH

Grades: 9, 10, 11, 12

2 semesters – 1 credit

This class is an introduction to the basics of speech communication skills. They will learn the importance of developing the following skills that are necessary for effective communication: responsibility in communication, building confidence, listening, nonverbal communication, interpersonal communication, interviewing skills, group discussion, research, organization, logic and reasoning, effective language, effective delivery, and leadership skills. Students will also learn the basics of various speech categories such as: informative, persuasive, extemporaneous, impromptu, oral interpretation, special occasion, Lincoln-Douglas debate, and understand parliamentary procedures.

SPEECH II/COMPETITIVE SPEECH

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Admission by audition/interview

This course is an advanced Fine Arts class that examines aspects of OSSAA competitive speech events. This class is highly based on the preparation for competitions. The events of primary focus will be: Standard Oratory, Original Oratory, Prose, Poetry, Monologue, Humorous and Dramatic Interpretation, Extemporaneous Speaking (Foreign and Domestic), Humorous and Dramatic Duet. The students will be given the opportunity to grow, succeed in speech, represent Eisenhower High School, and the desire to continue learning the art of public speaking.

DRAMA I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

This class is an introduction to all aspects of the study of drama, written and performed. The development of creative ability, pantomime skills, performance of monologues, duet acting and the study of voice and diction are emphasized. Also stressed are cultural appreciation of drama, the reading of dramatic literature and history of the theatre.

Performances in the classroom are required.

DRAMA II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Drama I or 9th grade Speech

This course is the second year theater class that provides opportunities for students to develop acting skills and theatrical knowledge. All forms of performance will be surveyed.

DRAMA III

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: Drama II

This course is an advanced theater class that provides opportunities for students to develop acting skills and theatrical knowledge. All forms of performance will be surveyed.

STAGE CRAFTS I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

This course will study aspects of the art of Theatre and Technical Theatre. The students will care for the stage, provide technical support in the form of “Stage Crew” including lights, sound, and sets for all school plays and all school assemblies. Students will then learn the history of Technical Theatre and Theatre, along with understanding Dramatic Structure, Literary Merit and Theatre Concepts of contemporary, classic straight Plays and Musicals. Students are required to work “Stage Crew” for assemblies and practices, **sometimes after school. This course DOES NOT count as a Fine Arts credit.**

STAGE CRAFTS II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Technical Theatre I

This class is the second year for stage support. Students will continue to build on the skills learned in year one of the course. **This course DOES NOT count as a Fine Arts credit.**

VOCAL MUSIC I/CONCERT CHOIR

Grades: 9, 10, 11, 12 – Open Enrollment

1 or 2 semesters – 1/2 or 1 credit

***Lab (Robe use/T-shirt/Technology)**

Fee \$33.00/year

CONCERT Choir is an introductory choral ensemble at EHS. There are two options: semester-long choir and year-long choir. Attendance at concerts and rehearsals outside of class is a graded requirement. The choir will perform at least 2 concerts each semester for a grade. During the Spring semester students are also required to perform as a member of an ensemble at Solo and Ensemble Contest for a grade. Students must be academically eligible in order to perform outside of school.

A basic uniform is required. Students/parents are responsible for providing the uniform. Details will be provided at the beginning of each semester.

****ENROLLMENT NOTE: Students enrolling in EHS Choir for the first time need to pre-enroll in Vocal Music. Auditions for Freshman Choir will be held during April at the Middle School and auditions for Varsity/Show Choir will be towards the end of 4th quarter (dates to be announced). After auditions, students will be assigned to the appropriate choir. Current and returning students to EHS Choir may pre-enroll in an advanced level choir with a note from the Choir Director.**

VOCAL MUSIC II/9th grade

Grades: 9

2 semesters – 1 credit

**Prerequisite: Admission by private audition only
*Lab (Uniform/T-shirt/Technology)**

Fee \$48.00/year

FRESHMAN Choir is an intermediate level choir for 9th grade students. This choir will pursue choral growth through exposure to age and skill appropriate repertoire. Attendance at concerts and rehearsals outside of class is a graded requirement. The choir will perform at least 4 concerts each year for a grade. Students are required to audition for the JH Southwest All Region Honor Choir in the Fall and perform as a member in an ensemble at Solo and Ensemble Contest in the Spring for a grade. Hard work and commitment to musical growth is expected. Students must maintain excellent grades and attendance and continue to stay academically eligible at all times in order to perform outside of school.

Students are placed in this choir based on spring audition results. Mrs. Wood will go to the Middle School for student auditions during the month of April. Auditions are open to current 8th grade students.

A uniform is required and will be partially provided. Students/parents will be responsible for providing part of the uniform.

VOCAL MUSIC III/Women's Honor Choir

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Admission by private audition only

***Lab (Uniform/T-shirt/Technology)**

Fee \$58.00/year

WOMEN'S HONOR Choir is a highly select FEMALE ensemble of 10th-12th grade students. The choir will perform amazing music in an astounding manner, performing at area events, entering contests, auditioning for honor choirs and performing at concerts. A variety of music is covered, from classical to contemporary, from small chamber works to jazz/pop tunes. Auditioning for the HS Southwest All Region Honor Choir is a graded requirement of this class. Each student is required to perform as a member in an ensemble at Solo and Ensemble contest in the Spring for a grade. Students must maintain an excellent grade point average and continue to stay academically eligible at all times in order to remain in this class. Hard work and dedication is expected. Students are placed in this choir based on spring audition results. Auditions are open to any current Freshman, Sophomore and Junior.

A uniform is required and will be provided.

SHOW CHOIR III/Gentry Singers

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Admission by audition only

***Lab (Uniform/T-shirt/Technology)**

Fee \$75.00/year

Gentry Singers is Eisenhower High School's Varsity Choir and is designed to provide musical and performance challenge to students with prior choral music experience. This choir performs a wide variety of music ranging from formal concert repertoire to full choreographed show choir pop music. This choir will have the opportunity to perform and travel on several trips including a major trip in the spring. Instruction includes good vocal technique, sight-reading skills, theory, performance skills and more. Extra rehearsals outside the regular class time are scheduled and required throughout the year, including, but not limited to a regularly scheduled weekly rehearsal. Students are placed in this choir based on Spring audition results. Auditions are open to any current Freshman, Sophomore and Junior. Students must maintain a passing grade point average and continue to stay eligible at all times in order to remain in this class.

TWO uniforms are required and will be provided.

MUSIC APPRECIATION

Grades: 9,10,11,12

1 semester – 1/2 credit

This course is the study of the history of music, music of other cultures, and a survey of musical styles.

BAND - MARCHING/SYMPHONIC

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Audition required for students new to EHS

The Screamin' Eagle Band is the main performing group of the Eisenhower High School Band Program. The first half of the fall semester will be marching band – preparing for performing at football games and marching competitions. The rest of the course is concert band. There will be required rehearsals outside of school hours. Students will be required to provide a uniform consisting of a band polo shirt, band t-shirt, black slacks, and black marching band shoes. A marching contest uniform will be provided. Large instruments are available for use, but smaller instruments must be provided by the student. The group will perform at many different events throughout the course of the school year, including football and basketball games, parades, concerts, contests, and graduation. There are opportunities to perform in smaller ensembles and to audition for area and state honor groups. Attendance is required for rehearsals and performances. There will be rehearsals before the school year begins.

JAZZ BAND

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Director's approval

Jazz Band consists of saxophones, trumpets, trombones, and a rhythm section. The class will explore the history of jazz. There will be music theory instruction. Students will explore many musical genres not available in the marching and symphonic band settings. Students should have instrumental experience.

ORCHESTRA II

Grades: 9, 10

2 semesters – 1 credit

Prerequisite: At least 2 years prior playing experience

This class is for experienced string players who need to continue improving their technical skills. Performances include several concerts as well as competitions. Private practice is a requirement as well as several after-school rehearsals and performances. Solid black concert uniforms are provided by the student. Cellos and basses are provided by the school, but violins and violas must be provided by the student.

ORCHESTRA III

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: At least 3 years prior playing experience and teacher recommendation

This course includes study of orchestra literature for the string and full orchestra. Performances include several concerts as well as competitions. Private practice is a requirement as well as several after-school rehearsals and performances. Equipment and uniforms same as Orchestra II.

LANGUAGE ARTS

ENGLISH I

Grade: 9

2 semesters – 1 credit

English I incorporates the study of grammar, composition, and vocabulary with a well-rounded survey of literature. Students will continue to use the writing process in composing both single-paragraph and multi-paragraph essays in connection to literature study. This course provides opportunities for independent study through research and long-range assignments which require students to assume responsibility for their understanding of the material assigned. Students will also continue to build the terminology and critical thinking skills necessary for literacy analysis.

ENGLISH II

Grade: 10

2 semesters – 1 credit

English II incorporates a survey of world literature with grammar, composition, and vocabulary. Students will continue to use the writing process in composing multi-paragraph essays in connection to literature study. A researched-based paper is required.

ENGLISH III

Grade: 11

2 semesters – 1 credit

English III incorporates a survey of American literature with grammar, composition, and vocabulary. Students will continue to use the writing process in composing multi-paragraph essays in connection to literature study. Students will investigate and present research.

ENGLISH IV

Grade: 12

2 semesters – 1 credit

English IV incorporates a survey of British literature with grammar, composition, and vocabulary. Students will continue to use the writing process in composing multi-paragraph essays in connection to literature study. A researched-based term paper is required.

PRE-AP ENGLISH I

Grade: 9

2 semesters – 1 credit

Pre-Advanced Placement English I is a weighted class offered to students who have advanced ability in the language arts discipline. The course includes instruction in grammar, vocabulary, literature, and writing directed toward those who will be pursuing advanced placement classes. **(Students are encouraged to take the PSAT.)**

PRE-AP ENGLISH II

Grade: 10

2 semesters – 1 credit

Pre-Advanced Placement English II is a weighted class offered to students who have an advanced ability in the language arts discipline. The course includes instruction in grammar, vocabulary, literature, and writing directed toward those who will be pursuing advanced placement classes. A research project is required. **(Students are encouraged to take the PSAT.)**

AP ENGLISH LANGUAGE AND COMPOSITION

Grade: 11

2 semesters – 1 credit

AP English Language focuses on grammar, vocabulary, literature, and writing directed toward those who will be taking the advanced placement test. Emphasis in this course will be on the effective demonstration of thinking skills in both oral and written communication. Students will be exposed to major literary works enabling them to gain an understanding of their own literary heritage and the heritage of other cultures. Students who take the Advanced Placement English Language and Composition Examination may earn college credit with a passing score. **(Students are encouraged to take the PSAT.)**

AP ENGLISH LITERATURE AND COMPOSITION

Grade: 12

2 semesters – 1 credit

AP English Literature is a weighted class offered to students who have an advanced ability in reading and comprehending high school and post-high school literature. The course is comparable to a college freshman literature and composition class. It includes instruction in grammar, vocabulary, research methods and various genres of literature and writing. Emphasis in this course will be on the effective demonstration and thinking skills in both oral and written communication. Students who take the Advanced Placement Literature and Composition Examination may earn college credit with a passing score. A summer reading assignment is also required.

CREATIVE WRITING

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Students will learn about and try a variety of writing genres: creative writing (including poetry and song lyrics); journalistic writing (including assignments for the Patriot student newspaper and for local news and information outlets); and technical writing (to include web pages, blogs, advertising, catalogs, guides, and other information sources). This class will appeal to students who want to explore their writing ability, to have fun with writing, and to see if they have what it takes to write for a living.

READING

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

Students reading below grade level will receive individualized instruction in a lab setting to:

- Develop essential reading comprehension skills
- Build reading strategies, background, knowledge, and vocabulary
- Become proficient, confident readers

FOREIGN LANGUAGE

Foreign Language is not required for graduation from Oklahoma high schools. In Oklahoma many colleges recommend two years of the same foreign language in high school, and depending on the major, foreign language in college may be waived if a student received high school credit for 2 years of the same language. Many out-of-state colleges/universities require at least two years of the same foreign language in high school for admission. Foreign language is a requirement for education majors in Oklahoma state colleges and universities. The State Regents leave it up to each higher education institution to determine the assessment used to satisfy the foreign language requirement.

FRENCH I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: C or better in English

The first year course is designed to introduce four skill areas: listening comprehension, speaking, reading, and writing. The history and culture of the peoples are also discussed.

FRENCH II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Successful completion of French I

The second year level in these languages intensifies skills developed in the first year.

FRENCH III

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: Successful completion of French II

The third year level in these languages intensifies skills developed in the first two years.

GERMAN I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: C or better in English

The first year course is designed to introduce four skill areas: listening comprehension, speaking, reading, and writing. The history and culture of the peoples are also discussed.

GERMAN II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Successful completion of German I

The second year level in these languages intensifies skills developed in the first year.

GERMAN III

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: Successful completion of German II

The third year level in these languages intensifies skills developed in the first two years.

SPANISH I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: C or better in English

The first year course is designed to introduce four skill areas: listening comprehension, speaking, reading, and writing. The history and culture of the peoples are also discussed.

SPANISH II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Successful completion of Spanish I

The second year level in these languages intensifies skills developed in the first year.

PRE-AP SPANISH II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Recommended “A” or “B” in Spanish I

The second year level intensifies skills developed in the first year with a more rigorous curriculum to start preparing for the AP Exam. The course will start with a fast review of the Spanish I grammar structures and vocabulary. Several activity handouts will be used for review in context for class as well as for home work. Activities for outside class will be given in the second semester to be presented orally once a week. Book activities will be enriched with songs and radio broadcasts. Readings from children’s stories as well as authentic readings from newspapers will help with understanding the language in context.

PRE-AP SPANISH III

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: Grade of “C” or above in Spanish II

This course will start preparing students for the Advanced Placement Spanish IV course and to take the College Board Advanced Placement Examination.

AP SPANISH LANGUAGE

Grade: 12

2 semesters – 1 credit

Prerequisite: Grade of “C” or above in Pre-AP Spanish III

This course will prepare students to take the College Board Advanced Placement Examination for possible college credit.

MATHEMATICS

PRE-ALGEBRA

Grade: 9

2 semesters – 1 credit

Prerequisite: Administrative approval

This is a math lab where concepts of Algebra I will be emphasized using hands on activities, games, and worksheets. Students placed in this class will be selected based upon their 8th grade CRT scores in reading and math as well as their grades in these classes. This course will NOT count toward a mathematics graduation credit, but will count as an elective.

ALGEBRA I

Grades: 9, 10

2 semesters – 1 credit

Algebra skills will be integrated throughout the course in the study of real world applications. Some geometry fundamentals will also be studied.

GEOMETRY

Grades: 9, 10, 11

2 semesters – 1 credit

Prerequisite: Algebra I

Geometry (including deductive and inductive proofs) is the study of the properties (theorems, definitions, and postulates) and relations of one-dimensional, two-dimensional plane figures (circles and polygons) and their counterparts in three-dimensional space (prisms, pyramids, and spheres).

PRE-AP GEOMETRY

Grades: 9, 10

2 semesters – 1 credit

Prerequisite: Successful completion of Algebra I and teacher recommendation

The Pre-AP Geometry sections will move faster and emphasize theory. Applications are available through the math teachers. The Math Department will make the final selection of students for these sections. **(Freshman and sophomores are encouraged to take the PSAT.)**

INTERMEDIATE ALGEBRA

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Algebra I

This course is designed for the student who has had moderate success in Algebra I. Algebra I skills will be reviewed and material from beginning Algebra II will be covered with more hands on experience and time to master the concepts. Solution methods and graphing of quadratic equations will be developed along with more abstract algebraic concepts.

ALGEBRA II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Algebra I and Geometry

This course emphasizes development, structure, and properties of the real number system, from which the complex number system is developed. Algebra II strengthens algebraic skills and graphing of linear, quadratic, and polynomial equations.

ALGEBRA II B

Grades: 11, 12

Two semesters – 1 credit

Prerequisite: 1st semester Algebra II or credit in Intermediate Algebra

This course reviews the first semester of Algebra II and covers the second semester of Algebra II. It is designed for those students who need more time and practice to master the concepts. Students passing both semesters will receive first and second semester Algebra II credit required for Oklahoma colleges.

PRE-AP ALGEBRA II

Grades: 10, 11

2 semesters – 1 credit

Prerequisite: Successful completion of Geometry and teacher recommendation

The Pre-AP Algebra II sections will move faster and emphasize theory. Applications are available through the math teachers. The Math Department will make the final selection of students for these sections. **(Sophomores and juniors are encouraged to take the PSAT.)**

ALGEBRA III

Grades: 11, 12

2 semesters –1 credit

Prerequisite: Minimum of “C” or better in Geometry and Algebra II

This course is for the college-bound student who does not wish to take trigonometry and pre-calculus. Topics from algebra, geometry, and select discrete math modules will be taught first semester followed by a statistics course second semester.

AP STATISTICS

Grades: 11, 12

2 semester –1 credit

Prerequisite: Successful completion of Algebra II

This course is a year-long introductory course to statistics designed for students who have successfully completed Algebra II. Students will explore and analyze data using graphical and numerical techniques. Students will also use probability and use statistical inferences to develop an appropriate model for data collected. AP Statistics can be taken alone or in conjunction with another math course. Successful completion of the advanced placement exam at the end of the course will qualify the student for college credit depending on the college the student attends. Students are required to have graphing calculator for this course. **Course availability is subject to class enrollment and instructor availability.**

TRIGONOMETRY

Grades: 11, 12

1 semester – ½ credit

Prerequisite: Successful completion of Algebra II

This course is the study of the relations of sides and angles of both right triangles and oblique triangles and the study of the circular functions of sine, cosine, tangent, and their reciprocal functions. Practical applications include solving triangles and problems involving all types of angles. **This class should be taken as a full-year course of study with Pre-Calculus.**

PRE-AP TRIGONOMETRY

Grades: 11, 12

1 semester – ½ credit

Prerequisite: Successful completion of Algebra II and teacher recommendation

The Pre-AP Trigonometry sections will move faster and emphasize theory. Applications are available through the math teachers. The Math Department will make the final selection of students for these sections. **(Juniors are encouraged to take the PSAT.) This class should be taken as a full-year course of study with Pre-AP Calculus.**

PRE-CALCULUS

Grades: 11, 12

1 semester – ½ credit

Prerequisite: Successfully completion of Algebra II

Pre-Calculus is the study of logic, methods of proof, sequences and series, relations, functions, vectors, limits, and derivatives. **This class should be taken as a full year course of study with Trigonometry.**

PRE-AP CALCULUS

Grades: 11, 12

1 semester – ½ credit

Prerequisite: Successful completion of Algebra II and teacher recommendation

The Pre-AP Calculus sections will move faster and emphasize theory. Applications are available through the math teachers. The Math Department will make the final selection of students for these sections. **(Juniors are encouraged to take the PSAT.) This class should be taken as a full year course of study with Pre- AP Trigonometry.**

AP CALCULUS AB

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: Successful completion of Trigonometry and Pre-Calculus, demonstrated AP Potential and teacher recommendation

This is a college level course which includes a study of limits, domain and range of algebraic functions, tangents to curves, derivatives of algebraic and trigonometry functions, maxima, minima, and continuity of functions and the study of integrals of functions and areas under curves. Successful completion of the advanced placement exam at the end of the course will qualify the student for college credit in Calculus, depending on the college the student attends. Students should purchase a graphing calculator for this course, as one is required for the AP Test as well as for the course. (Cost approx. \$65.00)

MATHEMATICS OF FINANCE

Grade: 12

2 semesters – 1 credit

Prerequisite: 2 mathematics credits

This is an Algebra based course in which the student works with money records, wages, and borrowing money, saving & investing, home expenses, transportation, and taxes. This course will assist the student in the fundamentals of financial planning. It will also encompass 14 topics as set forth by the Oklahoma Legislature mandating students become proficient in all 14 topics relating to personal finance during the first semester.

SCIENCE

All science courses at Eisenhower High School are laboratory sciences and meet the requirements for the OKLAHOMA'S PROMISE.

LIFE SCIENCES:

BIOLOGY I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Topics covered include the cell as the basic unit of living organisms, molecular biology, genetics, classification, ecology, biodiversity and adaptation. Imbedded in this course are brief overviews of viruses, bacteria and related microorganisms, and plants.

BIOLOGY II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: successful completion of Biology I

Second year biology will focus on a survey of the major classes of invertebrates and vertebrates, human biology, basic embryology, plants and the scientific process.

ANATOMY

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Completion of Biology I with a “C” or better. Chemistry is recommended but not required

***Lab Fee - \$20.00**

This course is a detailed study of the structure and function of the human body. Topics covered included molecule biology, cells, tissues, and body systems. Labs involve microscopy and dissections.

BOTANY

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: successful completion of Biology I

This course includes selected topics in plant biology such as taxonomy, plant physiology, genetics and ecology. This course will also include different rolls plants play in the ecosystem. This class will also look at the history of the field of botany and evolution of plants. This class does include a lab portion.

ZOOLOGY

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: Completion of Biology I and one other year of science with a “B” or better

***Lab Fee - \$20.00**

This course focuses on the study of animals. It includes animal morphology, physiology, behavior, environmental relationships, development, and evolutionary history. Labs include dissection.

AP ENVIRONMENTAL SCIENCE

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Biology I and Algebra I

Lab Fee - \$20.00

This course is the systematic, scientific study of the earth as well as our role in it. In-depth and lab-based topics of study include energy, ecology, soil, water and air. Recognition of planet earth as a living being produces a consciousness toward bio/geo ethical standards in the treatment of our planet. Students are encouraged to take the Advanced Placement Environmental Science Examination for potential college credit.

PRE-AP BIOLOGY

Grades: 9, 10

2 semesters – 1 credit

Prerequisite: successful completion of Algebra I

Pre-AP Biology is a more challenging full year course. This course will be a hands-on, in-depth study of principals and concepts in life science with special emphasis on biological processes. Activities and projects outside of class will be required. Process skills needed for AP science classes will be emphasized.

AP BIOLOGY

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Algebra I/ Biology I or Pre-AP Biology; concurrent enrollment in Chemistry is encouraged

This is a college-level course. It includes studies in biochemistry, cellular biology, genetics, evolution, biodiversity, and ecological relationships. Outside research and individual projects required. Students who take the Advanced Placement Biology Examination may earn college credit with a passing score.

PHYSICAL SCIENCES:

PHYSICAL SCIENCE

Grades: 9, 10, 11, 12

2 Semesters – 1 credit

This is a survey course of all the major non-life sciences. A mathematical and lab approach in the study of chemistry, physics, earth and space science is used. Students will be provided with the basic knowledge of physical science as it relates to them and their own experiences.

EARTH SCIENCE

Grades: 10, 11 & 12

2 semesters – 1 credit

This course will cover major topics in geology, oceanography, meteorology, astronomy, scientific method, and philosophy of science. This course will examine various earth systems and processes including the earth as a planet, the oceans, the atmosphere and weather, the solid earth and its minerals, and such processes as volcanism, weathering, glaciations, erosion and tectonics.

CHEMISTRY I

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Algebra I

This is an introduction to the atomic structure of elements and their relationship to the chemical properties of matter. Labs are skills based. The course is designed to provide the knowledge and skills for general education as well as for those who plan to continue study in science or science related fields. **A scientific calculator is recommended.**

PRE-AP CHEMISTRY

Grades: 10, 11

2 semesters – 1 credit

Prerequisites: Algebra I and Biology I

Introductory course designed to be taken prior to AP Chemistry. No seniors. Topics covered are similar to Chemistry I but they are broader, the pace is faster, and the math more intensive. Lab work is an integral part of the course. **A scientific or graphing calculator is required.**

AP CHEMISTRY

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Successful completion of Chemistry

This is a college level, introductory course reviewing Pre-AP Chemistry and advanced topics of thermochemistry, chemical bonding, equilibrium, kinetics and electrochemistry. Students are expected to participate in frequent laboratory work. Students who take the Advanced Placement Chemistry Examination may earn college credit with a passing score. **A scientific or graphing calculator is required.**

PHYSICS

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: concurrent enrollment in Algebra II

This is an introductory course covering the behavior of physical phenomena. Topics include forces and motion, light waves, thermal effects, and the structure of matter. The study is quantitative in nature. Labs are an integral part of the course. **A scientific calculator is recommended.**

AP PHYSICS 1

Grade: 11

2 semesters – 1 credit

Prerequisite: Enrollment in trigonometry or teacher approval

This course is the equivalent of a first semester college course in algebra based Physics. The course covers Newtonian Mechanics and rotational dynamics, work, energy, power, mechanical waves and sound. It also introduces electric circuits. Students will participate in frequent laboratory work and will be required to complete a design project each semester. A graphing calculator is recommended. Students who take the Advanced Placement Physics 1 Examination may earn college credit with a qualifying score. **12th grade students must have teacher approval to enroll.**

AP PHYSICS 2

Grade: 12

2 semesters – 1 credit

Prerequisite: AP Physics 1

This course is the equivalent of a second semester college course in algebra based Physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, atomic and nuclear physics. Students will participate in frequent laboratory work and will be required to complete a design project each semester. A graphing calculator is recommended. Students who take the Advanced Placement Physics 1 Examination may earn college credit with a qualifying score.

SOCIAL STUDIES

OKLAHOMA HISTORY

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

This course places an emphasis on the history of Oklahoma including culture, communication, geography, government, civics, and economics.

HONORS OKLAHOMA HISTORY

Grade: 9

1 semester – 1/2 credit

This course examines the geographic and historical foundations of our state, from its prehistory through the present with an emphasis on skills necessary to engage in proper historical study. Skills included are organization, time-management, research, writing, document analysis and historical interpretation in order to prepare students for upper-level Social Studies Advanced Placement course work (*AP European History, AP World History, AP U.S. History, AP Comparative Government and Politics*). There is no advanced placement test for this course.

US GOVERNMENT

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

This is a basic survey course covering the principles of government, the three branches of government and the differences in the two major political parties.

HONORS US GOVERNMENT

Grades: 9

1 semester – 1/2 credit

This one semester course includes all of the course requirements for U.S. Government. Additionally it is structured to prepare students for AP Comparative Government and Politics. Students will learn skills that will include organization, time-management, research, writing, document analysis and historical interpretation. There is no advanced placement test for this course.

WORLD HISTORY

Grades: 10, 11, 12

2 semesters – 1 credit

This is a comprehensive study of ancient and modern world cultures emphasizing the arts, geography, and history.

AP WORLD HISTORY

Grades: 10, 11, 12

2 semesters – 1 credit

This course is designed to prepare students for college by providing the student with a learning experience equivalent to that obtained in most college introductory courses in World History. Emphasis is placed on writing skills, knowledge-based analytical skills, and the ability to interpret evidence in both primary and secondary historical documents. Students who take the AP World History Examination may earn college credit with a qualifying score.

AP EUROPEAN HISTORY

Grades: 10, 11, 12

2 semesters – 1 credit

This is a college-level survey course that introduces students to the rich political, cultural, social, intellectual and aesthetic heritage of Europe. Students will gain an understanding of the principal themes in modern European history (approximately 1450-present), an ability to analyze historical evidence, and an ability to express that understanding and analysis in writing which will prepare students to take the AP exam at the end of the school year. This course will fulfill the requirement for World History.

UNITED STATES HISTORY

Grades: 11, 12

2 semesters – 1 credit

This is a required course which outlines the history, economics, government, and geography of the United States.

AP U.S. HISTORY

Grades: 11, 12

2 semesters – 1 credit

(1492 – Present) This course offers an in-depth study of American history geared toward the serious-minded student. Students will be provided with an opportunity to explore beyond the basic curriculum while developing higher-level thinking skills. Emphasis will be placed on preparing for the AP Exam. Students who take the Advanced Placement U.S. History Examination may earn college credit with a qualifying score.

AP COMPARATIVE GOVERNMENT/POLITICS

Grades: 12

2 semester – 1 credit

This college-level course introduces students to the fundamental concepts used by political scientists to study the processes and outcomes in a variety of country settings to include; Mexico, Nigeria, Iran, Russia, Great Britain, The United States and The Peoples Republic of China. Students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. The course will assist in preparing students to take the AP exam at the end of the school year. This course will fulfill the requirement for U.S. Government.

BLACK HISTORY

Grades: 11, 12

1 Semester – 1/2 credit

This course will examine the major turning points that shaped the African-American experience, from the origins of African civilizations to the present. Students will develop an understanding of current issues affecting African Americans and relate them to their historical, geographic, political, economic, and cultural contexts.

CURRENT ISSUES

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

This course provides insight into how current issues impact our lives. It will focus on various topics such as the homeless, gun control, abortion, racism, the environment, and other current subjects. This course encourages students to take a stand on issues using societal values as a basis. This course prepares students for informed participation in our democratic system.

ECONOMICS I

Grades: 10, 11, 12

1 semester – 1/2 credit

This course focuses on Microeconomics and is intended to help students develop practical skills and enhance consumer decision making. It includes activities in finance, banking and a study of the stock market. **It will also encompass 14 topics as set forth by the Oklahoma Legislature mandating students become proficient in all 14 topics relating to personal finance.**

ECONOMICS II

Grades: 10, 11, 12

1 semester – 1/2 credit

This course focuses on the concepts of Macroeconomics and financial planning. It is intended to extend the economic principles covered in Economics I and will provide the necessary financial skills demanded by our modern society. It includes activities in developing realistic personal financial plans that can be used after graduation.

PERSONAL FINANCIAL LITERACY

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

This course will encompass 14 topics as set forth by the Oklahoma Legislature mandating students become proficient in personal finance. The topics being include: personal income; budgeting; taxes; banking; managing a checking account; savings and investments; retirement; borrowing money, credit, and credit risks; consumer fraud and identify theft; renting and buying a home; risk management insurance; impact and consequences of gambling; bankruptcy; and charitable giving.

SOCIOLOGY

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

This is a study of human relationships. It will focus on the social behavior or patterns in relationships or groups. Topics include: social structure, deviance, cultures, family, education, roles, values, gender, social change, values, laws, and current social issues.

AP MICROECONOMICS

Grades: 11, 12

1 semester – 1/2 credit

Prerequisite: Algebra II and demonstrated AP Potential or teacher recommendation

This college level course is designed to give students a thorough understanding of principles of economics that apply to the functions of individual decision makers. Areas of study will include basic economic concepts, product markets, factor markets, efficiency, equity, and the role of the government. Students may receive college credit with a qualifying score on the AP Microeconomics Exam. **This class should be taken as a full-year course of study with AP Macroeconomics.**

AP MACROECONOMICS

Grades: 11, 12

1 semester – 1/2 credit

Prerequisite: Algebra II and demonstrated AP Potential or teacher recommendation

This is a college level course designed to give students a thorough understanding of the principles of our economic system. Areas of study will include basic economic concepts, economic performance, national income, price determination, economic growth, international finance, exchange rates, and balance of payments. Students who take the AP Macroeconomics Examination may earn college credit with a qualifying score. **This class should be taken as a full-year course of study with AP Microeconomics.**

PSYCHOLOGY

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

This class is available to all students. It emphasizes understanding human behavior.

AP PSYCHOLOGY

Grades: 11, 12

2 semesters – 1 credit

This college-level course will increase the understanding of psychology, its methods, theory and research, with the objective that each student pass the AP examination. Psychological facts, principles and phenomena associated with each of the major sub-fields of psychology will be explored. Students who take the Advanced Placement Psychology Examination may earn college credit with a qualifying score.

AGRICULTURAL EDUCATION

INTRODUCTION TO AGRISCIENCE

Grades: 9, 10

2 semesters – 1 credit

Class Fee - \$15.00

This is a practical hands-on course for college-bound as well as career minded students. Subjects such as Environmental Science, Leadership, Animal Science, Economics, and Marketing will be covered in this class. Owning an animal is not mandatory but joining FFA is required of all students.

AGRISCIENCE II

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Intro to Agriscience/ FFA

Membership

Class Fee - \$15.00

This course will continue to introduce students to a broad scope of agriculture and agriculture related industries, with more depth. Ag courses of Animal Science, Plant Science/Agronomy, Ag Power and Technology, Marketing/Agribusiness, Ag Communications, and the FFA provide students with the necessary skills, information, and opportunities to experience a variety of occupational and educational clusters. FFA membership is required. It will also encompass 14 topics as set forth by the Oklahoma Legislature mandating students become proficient in all 14 topics relating to personal finance.

INTRODUCTION TO ANIMAL SCIENCE

Grades: 11, 12

2 semesters – 1 credit

Prerequisite: Agriscience II

Class Fee - \$15.00

This is the third year of the four-year Agriculture Program. Emphasis will be placed on career and college choices while subject matter will include Livestock Skills, Plant Science, Animal Science, Volunteerism, and Marketing. An “outside the classroom” experience is required from the areas of animal care, leadership, or Agribusiness. FFA membership is required.

INTRODUCTION TO AGRICULTURAL COMMUNICATIONS

Grade: 12

2 semesters – 1 credit

Prerequisite: Introduction to Agriscience

Class Fee - \$15.00

Agricultural Communications is designed for students with an interest in agricultural communications. Principles, concepts, theory of business writing, journalistic writing, creating presentations, delivering presentations, photo journalism, and broadcasting media are explored in this course. The course is centered on the hands-on components of linking communications with agriculture applications. Written and oral reporting skills will be emphasized. The course is structured to make learning about agriculture communications fun. It does this through the emphasis of FFA, and also encourages the development of record keeping skills through recommended establishment and maintenance of a supervised agricultural experience program.

FAMILY AND CONSUMER SCIENCE

FAMILY AND CONSUMER SCIENCE IA

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

This course is designed to provide students with basic information and skills needed to function effectively within the family and society. Emphasis to the development of competencies related to: child care health and safety procedures; family and individual health; nutrition and food selection; meal planning, preparation, and service; and career skills. The student should have developed basic life skills that promote a positive influence on the quality of life. Student leadership through Family, Career and Community Leaders of America (FCCLA), is an integral part of this course.

FAMILY AND CONSUMER SCIENCE IB

Grades: 9, 10, 11, 12

1 semester – 1/2 credit

***Student is responsible for providing material for sewing project.**

This course is designed to provide students with basic information and skills needed to function effectively within the family and within a changing, complex society. Emphasis given to the development of competencies related to: relationships; arrangement of personal living space; wardrobe planning and selection; garment care and construction; money management; and consumer education. Upon completion of this course, the student should have developed basic life skills that promote a positive influence on the quality of life. Student leadership through Family, Career and Community leaders of American (FCCLA), is an integral part of this course.

NUTRITION FOOD AND WELLNESS

Grades: 10, 11, 12

1 semester – 1/2 credit

Prerequisite: FACS A/B

This course is designed to prepare students to make important decisions regarding nutrition and wellness. Topics will include the impact of daily nutrition choices on long-term health and wellness; the physical, social and physiological aspects of healthy nutrition and wellness choices; selection and preparation of nutritious meals and snacks based on USDA Dietary Guidelines, safety and sanitation processes and issues associated with nutrition and wellness.

FOOD PREPARATION AND NUTRITION FOR LIFE

Grades: 10, 11, 12

1 semester – 1/2 credit

Prerequisite: Nutrition Food and Wellness

This is a sequential course that builds on the concepts taught in Nutrition Food and Wellness. Topics include the study of international and cultural foods; meal planning and preparation; advances impacts of science and technology on nutrition, and food; as well as specific food preparations.

MILITARY SCIENCE

ROTC

Grades: 9, 10, 11, 12

2 semesters – 1 credit

This course is an introduction to leadership development. The first year of the course covers the organization of the JROTC and the army, and includes drill and ceremonies. Students are introduced to leadership theory, maps and map reading, techniques of oral communication, hygiene, first aid, and wellness and fitness.

The second year of the course stresses intermediate level leadership, first aid, techniques of oral communications, drill and ceremonies, safety battalion organization, military history, and citizenship.

The third year of the course stresses intermediate and applied leadership development and includes applied techniques of oral communications, leadership principles, drill and ceremony, and the role of the Army. A seminar in leadership and management is offered along with leadership, small unit leader problems, service learning, and high school financial planning.

The fourth year of the course places emphasis on having the cadets assume the responsibilities of a leader, role model, and mentor in the cadet battalion. Specific courses of instruction include but are not limited to; Command & Staff Procedures, Techniques of Communication, Science/Technology Awareness, Leadership Lab, Governmental Processes, and Career Opportunities.

It will also encompass 14 topics as set forth by the Oklahoma Legislature mandating students become proficient in all 14 topics relating to personal finance during the second semester.

ROTC – ADVANCED I

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Selection only

Students compete on one of five ROTC teams against other ROTC units from Oklahoma and Texas. Teams are Drill and Color Guard.

PHYSICAL EDUCATION

PE/BOYS

Grades: 9, 10, 11, 12

1 or 2 semesters – ½ or 1 credit

The emphasis for this physical education class is total fitness and health. The students will participate in a variety of activities including jogging, aerobics, and physical fitness. In addition to these activities the students will also participate in the following games or sports: kickball, volleyball, basketball, football, tennis, and soccer. Two days per week are spent in the classroom where physical health, mental health, social health, and community health issues are taught.

Requirements: jogging suit or T-shirt and shorts and tennis shoes.

PE/GIRLS

Grades: 9, 10, 11, 12

1 or 2 semesters – 1/2 or 1 credit

Students will work toward improving their personal health and body fitness through a variety of activities including jogging, aerobics, and physical fitness. The students will also participate in the following games or sports: kickball, volleyball, basketball, football, tennis, and soccer. Two days per week are spent in the classroom where physical health, mental health, social health, and community health issues are taught. **Requirements: jogging suit or T-shirt and shorts and tennis shoes.**

PE/CHEERLEADING

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Selected through try-outs

Cheerleading is an athletic activity that encourages team building, competition, and good sportsmanship. The cheerleading squad is chosen each year in March. All Eisenhower students and 8th graders in feeder schools are eligible to try out for a position on the squad. Cheerleading is offered as a class to provide a safe, organized practice time for the team. Cheerleading is an elective/activity credit.

PE/DANCE

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Selected through try-outs

Pom promotes positive school spirit at various activities throughout the academic year. The Pom Squad is chosen each year in March. All Eisenhower students and 8th graders in feeder schools are eligible to try out for a position on the squad. Squad members will learn correct dancing technique and will perform at football and basketball half-times, competitions, and summer camp.

WEIGHT TRAINING - BOYS

Grades: 11, 12

1 or 2 semesters – ½ or 1 credit

This course is designed for students who are interested in learning proper form and techniques of weight lifting. Male and female students will be enrolled in separate classes.

WEIGHT TRAINING - GIRLS

Grades: 9, 10, 11, 12

1 or 2 semesters – 1/2 or 1 credit

This course is designed for students who are interested in learning proper form and techniques of weight lifting. Male and female students will be enrolled in separate classes.

BOYS ATHLETIC WEIGHTS

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Coach approval

This course is for male athletes to work on conditioning during the season and off-season.

GIRLS ATHLETIC WEIGHTS

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Coach approval

This course is for female athletes to work on conditioning during the season and off-season.

FOOTBALL WEIGHTS

Grades: 10, 11, 12

2 semesters – 1 credit

Prerequisite: Coach approval

This course is for members of the football team.

SENIORS WILL BE ENROLLED IN 1ST SEMESTER ONLY.

FOOTBALL WEIGHTS JV

Grades: 9

2 semesters – 1 credit

Prerequisite: Coach approval

This course is for members of the 9th grade football team.

BASKETBALL WEIGHTS - BOYS

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Coach approval

This course is for members of the basketball team.

BASKETBALL WEIGHTS - GIRLS

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Coach approval

This course is for members of the basketball team.

SPORTS TRAINER

Grades: 9, 10, 11, 12

2 semesters – 1 credit

Prerequisite: Application and Coach/Trainer approval

Students interested in working in the fields of medicine or sports will have the opportunity to work with the Eisenhower athletic teams under the direction of the Athletic Trainer. Students will learn and provide first aid, recognize and treat athletic injuries and apply taping and wrapping techniques as well as other duties.

Students may not enroll concurrently in P.E. and Weight Training

SPECIAL EDUCATION

SPECIAL EDUCATION

Grades: 9, 10, 11, 12

The purpose of the Special Education program is to provide an environment where students can work to their optimal ability level through individualized instruction and curriculum. It is our goal to return as many students as possible to the regular classroom depending on their success and academic achievements in each particular subject area. The basic subjects offered in special education may be math, English, social studies, science, study skills, work skills, work study and community job training. Students must qualify to be enrolled.

ADDITIONAL COURSES

CHARACTER EDUCATION

Grades: 9

1 semester – 1/2 credit

This course is designed around five social and emotional competency areas: social awareness, self-awareness, self-management, relationship skills, and responsible decision-making. This course will be required for all incoming freshmen with the exception of students enrolled in JROTC and Family and Consumer Science, as these courses teach the same competencies.

SERVICE LEARNING

Grades: 9

1 semester – 1/2 credit

Service learning is a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities. This is the companion course to Freshman Skills for Success. Freshmen will work with Ignition mentors to develop, plan, and execute a project to alleviate hunger in our community.

COLLEGE TEST PREP

Grades: 11, 12

1 semester – 1/2 credit

This course is designed to assist students in preparing to take the ACT Test, providing an overview of the test, practical test taking strategies and an opportunity to complete a simulated full-length ACT Test. Students will explore question styles and samples for all four areas of the ACT test (reading, English, math and science), as well as sample prompts for the writing portion. Multiple skills and test taking strategies will be introduced.

INTERNSHIP/MENTORSHIP

Grade: 11, 12

1 semester – 1/2 credit

Prerequisite: 2.5 cumulative GPA or higher

Internship will provide an opportunity for the student to combine instruction in positive work attitudes, employability skills, career research, presentation skills and workplace learning. The work-based learning component enables students to acquire information about all aspects of a specific career interest. Students must meet attendance, behavior and grade requirements; secure an approved work site prior to the beginning of the semester and have own transportation. Student must complete an application and follow all program guidelines.

LIBRARY SCIENCE

Grade: 12

2 semesters – 1 credit

Prerequisite: Selected through application

Emphasis is on the use of electronic databases, computer programs, and library procedures. Grades will be based on tests and practical applications of resources listed above. Students will be involved in media center arrangement and organization as well as use of media equipment.

OFFICE PROCEDURES

Grade: 12

2 semesters – 1 credit

Prerequisite: Selected through application

Selection is through application and principal approval. Students selected to work in guidance, attendance or principal's offices, will perform routine duties of filing, delivering messages, etc. A letter grade will be earned. Students must have a 3.0 GPA or higher, excellent attendance and good behavior.

STUDENT COUNCIL LEADERSHIP

Grade: 12

2 semesters – 1 credit

Prerequisite: selected through application

The EHS Leadership class is for senior students who have been involved in school activities since their freshman year. Each student must submit the required application. In this application packet, the student is required to write an essay about his or her leadership skills, give his or her current teachers' evaluations for them to answer, and be ready for an interview. Positive teacher evaluations are a requirement to be selected for this class. A selection committee helps to guide in the selection process.

CONCURRENT ENROLLMENT JUNIORS and SENIORS ONLY

Through concurrent enrollment, high school students can earn college credit by attending Cameron University. Students will only be able to enroll in a combined number of high school and college courses that does not exceed 19 semester hours (one high school course will be considered equal to three semester hours of college work).

Cameron admission requirements:

Seniors: ACT composite score of 20 or higher or a 3.0 GPA and rank in the top 50% of their graduating class;

Juniors: ACT composite score of 23 or higher or 3.5 GPA. All students must have a 19 in reading on the ACT.

Students who concurrently enroll must be able to earn the required credit for graduation by the end of the spring semester of their senior year. Students who concurrently enroll may be excused from one class at Eisenhower High School for every 3 hours of college coursework in which they enroll. **Applications may be picked up in the Guidance Office and must be filled out by a counselor or principal.** Score requirements may change. Check with your counselor. Students are responsible for registration, fees, books, and transportation.

GREAT PLAINS TECHNOLOGY CENTER

High school juniors and seniors may enroll through an application process. Students will be given an opportunity to tour the Technology Center first semester of their sophomore or junior year. Students have an opportunity of earning three (3) credits toward graduation. For more information visit with your counselor or contact GPTC counselors at 580-250-5535 or www.greatplains.edu.

3D ANIMATION

Collaborate in teams to brainstorm, storyboard, and create unique • 3D animations, computer graphics, and video games • Produce animated short films, special effects, and graphics • Work with professional technologies such as motion capture systems, virtual reality, and 3D printing to achieve inspiring results.

Hands-On Experience • Small Group Instruction
State and National Competitions

ADMINISTRATIVE OFFICE

Office environment using the advanced software and processes of business professionals • Explore various types of businesses, accounting applications, and strategies for sound financial management • Advance your career options with organizational skills, money management, and resume building.

Hands-On Experience • Small Group Instruction
State and National Competitions

AUTOMOTIVE COLLISION REPAIR

Assess, estimate, repair, and refinish a wide range of vehicles • Use modern sanding, masking, painting, welding, and other technical processes to produce quality results • Restore the beauty of the original finish by applying professional techniques of metal fabrication, adhesive repair, and creative refinishing.

Certifications • Internships
State and National Competitions

AUTOMOTIVE SERVICE

Maintain and repair both domestic and foreign vehicles alongside an ASE Master Technician in a full-service automotive center • Optimize vehicle operation and functionality using critical thinking and diagnostic skills

Diagnose, repair, and maintain basic and advanced automotive systems for maximum performance.

Certifications • Hands-On Experience
State and National Competitions

BIOMEDICAL SCIENCE AND MEDICINE

Interact with medical professionals during observation visits to the Emergency Room, Radiology, and other hospital settings • Solve medical mysteries by designing and performing advanced laboratory experiments using math and science • Perform DNA Fingerprinting, Genetic Transformations, and Protein Analysis.

Advanced Math & Science
Observations • Scholarships

CARPENTRY

Build a residential home from design through completion • Work in all aspects of residential and commercial construction, including estimating, framing, roofing, and interior finishing • Interpret blueprints and specifications to construct wood products and structures from rough lumber to finish grade.

Internships • Hands-On Experience
State and National Competitions

CRIMINAL JUSTICE

Strengthen your mind and body through rigorous mental and physical training, including advanced self-defense tactics • Apply forensic investigative techniques to process crime scenes, dust for fingerprints, bag evidence, and interrogate suspects • Explore how state and federal laws work to keep our communities safe.

Ride Alongs • Hands-On Experience
Small Group Instruction

CULINARY ARTS

Develop, prepare, and serve entire meals with proper etiquette and safety in a cafeteria and at community events • Cook alongside professionals preparing appetizers, soups, salads, entrees, desserts, and more

Express individual creativity and great customer service as part of a team delivering an enjoyable dining experience.

Hands-On Experience • Paid Internships
Certifications

CYBER SECURITY AND FORENSICS

Conduct cyber investigations to defend against criminal and terrorist threats of all kinds • Utilize advanced file access methods, reconstruction maneuvers, and data recovery processes • Protect computers and networks by configuring powerful software security programs and protocols.

Certifications • Hands-On Experience
State and National Competitions

DESKTOP SUPPORT SPECIALIST

Design and install complex computer and audio/visual networks • Build, upgrade, maintain, and troubleshoot desktop PCs and mobile devices to keep users connected and productive • Diagnose, repair, and maintain powerful network systems.

Certifications • Community Projects
State and National Competitions

DIESEL SERVICE

Diagnose, repair, overhaul, and assemble diesel engines • Analyze and repair medium duty trucks, semi-trucks, and trailers • Use the same equipment and techniques as Master Technicians.

Certification • Hands-On Experience
State and National Competitions

DIGITAL GRAPHICS

Engage your audiences by designing exciting advertising layouts, forms, brochures newsletters, and more • Shoot commercial photography and video clips both on-site and in the studio for impactful print and web media • Master the advanced copy shop operations used by professionals in the field.

Certifications • Hands-On Experience
State and National Competitions

ELECTRICAL

Design, stage, and install residential and commercial electrical wiring for power control systems from “rough in” to “finish” • Use logical thinking and math to interpret blueprints, program equipment, and lay out design • Connect power to a wide range of systems and structures according to the National Electrical Code.

Apprenticeships • Certifications
State and National Competitions

HOSPITALITY SERVICES

Experience the rewarding field of janitorial hospitality services to keep facilities clean • Prove your abilities with limited to no supervision in floor preparation, laundry services, and other custodial duties • Work with professionals in the field to build productive relationships in a real-world environment.

Hands-On Experience • Small Group Instruction
Structured Environment

HEATING, VENTILATION, & AIR CONDITIONING

Service and maintain the HVAC systems that keep people comfortable • Install and repair compressors and condensers in a wide range of HVAC and refrigeration systems • Design and fabricate sheet metal ducts.

Apprenticeship • Certifications
Hands-On Experience

MEDICAL OFFICE

Develop medical office skills through computerized accounting and medical terminology • Use business applications and technology to compute insurance, coding, billing, and collection reimbursements • Support high-quality patient care as a key part of a professional team in a range of medical environments.

Certifications • Hands-On Experience
State and National Competitions

NURSING ASSISTANT

Deliver compassionate, hands-on patient care in long-term care facilities • Develop a passion for providing basic nursing care • Build a professional working relationship with residents and other health-care team members.

Clinicals • Certifications
State and National Competitions

PRE-ENGINEERING

Work individually and in teams to solve unique engineering challenges using advanced science and mathematics • Explore, experience, and create innovative projects in the diverse fields of engineering
Invent, design, and apply solutions to complex engineering projects from concept to completion.

Robotics/Speedfest • Advanced Math & Science
Hands-On Experience

TEACHER PREP

Design, develop, and implement creative instructional lessons that promote student engagement • Work in the classroom alongside teachers and students of diverse cultures • Motivate students for educational success.

Certifications • Internships • Hands-On Experience

VIDEO PRODUCTION

Develop, produce, and deliver unique video and audio projects for TV and commercial broadcasts

Work individually and collaboratively to create dynamic films, news packages, music videos, and commercials

Showcase your artistic talents using professional audio/visual equipment and editing software.

Certifications • Hands-On Experience

State and National Competitions

WELDING

Manipulate the power of fire and electricity to design and construct the metal products people use every day.

Develop the confidence, work ethic, and team cooperation necessary for a successful career in fabrication • Utilize a wide range of welding processes to earn essential industry-recognized certifications.

Certifications • Hands-On Experience

State and National Competitions

ACE Graduation Checklist

A summary of Oklahoma's College Preparatory/Work Ready Curriculum standards from the *Achieving Classroom Excellence Act of 2005 (ACE)*, Title 70 O.S. § 11-103.6.

English (4 Credits)

- _____ English I
- _____ English II
- _____ English III
- _____ English IV
- _____ Other English course approved for college admission requirements

Mathematics (3 Credits)

3 credits of Mathematics in Grades 9-12 in addition to any of the following courses taken prior to Grade 9.

- _____ Algebra I
- _____ Algebra II
- _____ Geometry
- _____ Trigonometry / Pre Calculus
- _____ AP Calculus
- _____ AP Statistics
- _____ Other mathematics course approved for college admission requirements

Laboratory Science (3 Credits)

- _____ Biology I
- _____ Chemistry
- _____ Physics
- _____ Other laboratory science course approved for college admission requirements

History and Citizenship Skills (3 Credits)

- _____ 1 United States History, and
- _____ ½ United States Government
- _____ ½ Oklahoma History
- _____ 1 selected from the subjects of History, Government, Geography, Economics, Civics, or non-Western culture and approved to meet college admission requirements

Foreign or Non-English Language OR Computer Technology (2 Credits)

- _____ 1st year of Foreign or Non-English language
- _____ 2nd year of **same** Foreign or Non-English language
- OR**
- _____ 1st year of Computer Technology
- _____ 2nd year of Computer Technology
(excludes keyboarding or typing courses)

1 Additional Credit selected from any courses listed previously

Fine Arts or Speech (1 Credit or Set of Competencies)

- _____ Music
- _____ Art **OR** _____ Speech
- _____ Drama

At Least 6 Electives†

23 CREDITS are required in order to meet state graduation requirements.

†The local school board's graduation requirements may exceed the state graduation requirement of 23 credits.

Personal Financial Literacy Requirement

Beginning with students entering the 7th grade in the 2008-2009 school year.

CPR/AED Training Requirement

Beginning with students graduating in 2016

ACE
(Achieving Classroom Excellence)

Senate Bill 982, was passed by the Oklahoma Legislature and signed into law by Governor Henry on June 7, 2005. The law requires eighth grade students entering the ninth grade in the 2006-2007 school year to complete a college preparatory curriculum, unless the student's parent or legal guardian approves the student to "opt out" of the college preparatory curriculum. If the parent or legal guardian chooses to "opt" the student out of the college preparatory curriculum, **the parent must sign and return the form below.**

Choosing the courses a student takes in high school is an important decision for parents and their student. A college preparatory curriculum is challenging and may help determine a student's future success. Research indicates that students who take a college preparatory curriculum and pursue education and training beyond high school have more career opportunities, and have a higher income and rate of employment.

Parents or Guardians are not required to sign this form as the student will automatically be enrolled in the college preparatory curriculum. However, if you do not want your student enrolled in the college preparatory curriculum you must complete the information below and return it to the school prior to enrollment. The existing curriculum and college preparatory curriculum options are listed in this booklet. If you have questions, please contact your school principal or school counselor.

**To "Opt Out" of the College Preparatory Curriculum,
please return this form to your school.**

As the parent or legal guardian, please do not enroll the following student in the college preparatory curriculum.

Student's Name (Print): _____ Grade: _____

Name of High School: _____

Parent/Guardian's Name (Print): _____

Parent/Guardian's Signature: _____ Date: _____

Parent/Guardian's Mailing Address: _____

Daytime Telephone Number: _____ Cell: _____

OFFICE AIDE ENROLLMENT FORM
****SENIORS ONLY****

Name: _____

ID# _____

Are you currently ineligible for any sport or activity? _____

Is your GPA at least 3.0? _____

Have you exceeded the 10 day absence policy? _____

Do you have any disciplinary infractions on your record? _____

Application for aide must be completed by the student requesting the assignment. Applications will be submitted to the Senior Principal for approval. Students will be notified of action taken.

RANK IN ORDER OF PREFERENCE
(1, 2, 3)

_____ Attendance Office

_____ Guidance Office

_____ Principal's Office

_____ Library Science/Media Center

Please see Ms. Treadwell in the Library to initial for Library Science/Media Center.

I understand that credit will be withdrawn and that I will be dropped from this assignment if performance or attendance is not satisfactory.

Student signature: _____

Class to drop: _____

Approved

Disapproved

Assistant Principal: _____

Date: _____

TRIAL ENROLLMENT

Please list your course selections prior to enrollment day

LAST NAME	FIRST NAME	GRADE	PHONE
1st SEMESTER		2nd SEMESTER	
COURSE NAME		COURSE NAME	

To assist in scheduling, please list one full year alternative course and one one-semester alternative course below.

Full year course _____

One-semester course _____

Student is enrolled in the OKLAHOMA'S PROMISE/OHLAP Program YES NO

Student's Signature: _____

Parent's Signature: _____

