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SAPULPA
HIGH SCHOOL

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2017-2018

ENROLLMENT TIMETABLE

PHASE I: February

1. Planning Guide and enrollment forms distributed to students.
2. Parents, guardians and students discuss four-year plan and determine course requests for 2017-2018 school year.
3. Students return enrollment forms with course selections, teacher approvals, and parent signature.

PHASE II: March

1. Administrators determine number of course sections based on student requests.

PHASE III: March

1. Students receive and review their course requests.
2. Students submit requests for course changes.

PHASE IV: April

1. Requests for course changes for both semesters must be made prior to **April 1 for both semesters**.
2. Master schedule is built. Teacher and room assignments are made according to student course requests.

SCHEDULING PROCESS

This booklet is a synopsis of the courses to be offered during the 2017-2018 school year. It includes required and elective courses and activities for grades eight through twelve. It is designed to help students and parents select courses for pre-enrollment for the 2017-2018 school term. **To be offered, each course must have a specified number of pre-enrolled students. Demand for the course and classroom availability determines class offerings.**

High School:

The scheduling process begins when the counselors meet with their students to explain the various aspects of the high school program of studies and graduation requirements. Counselors assist students in course selections. Students and parents are then encouraged to begin planning the student's individual program. It is the joint responsibility of school and family to ensure that each student is correctly enrolled and meets any prerequisite requirements.

TIPS FOR USING THE HIGH SCHOOL PLANNING GUIDE

- Course descriptions are listed by department in alphabetical order.
- Prerequisite: This course must have been previously completed.
- Application Approval: Teacher must initial the enrollment form.
- Required: These courses must be taken by all students as mandated by the State of Oklahoma or the Sapulpa Board of Education.

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Student:			Oklahoma Promise:			Core:		SPED:	
Oklahoma College Prep/ Work Ready			Core Curriculum *Requires Parent Approval *NOT Accepted for NCAA or OK Promise						
CLASS	S1	S2				Finacial Literacy			
English (4 credits required)						CPR			
English I			CLASS	S1	S2				
English II			English (4 credits required)			Credits:			
English III			English I			9			
English IV			English II			10 ____/2			
Math (3 credits, 2 above Alg 1)			English III			11 ____/9			
Algebra 1			English IV			12 ____/16			
Geometry			Math (3 credits)						
Algebra 2			Algebra 1			Credit Recovery			
Science (3 credits required)									
Biology 1									
Chem			Science (3 credits required)						
Physical Science			Biology 1						
Social Studies (3 credits)									
World History			Social Studies (3 credits)						
US History									
OK (.5)/ Gov't. (.5)			World History						
Fine Arts (1 credit required)			US History						
			OK (.5)/ Gov't. (.5)						
			Fine Arts (1 credit required)						
Foreign Language (2 yrs of same) or Computer Tech (2 years)									
			Computer Tech (1 Credit Required)						
Additional Core (1 Credit)			Electives (8 Credits)						
Electives (6 Credits)									

Credits	23 total credits, including core and elective courses, is required
Course Requirements	
4 English Credits	4 Units of English
3 Math Credits	3 Units of Math limited to Algebra I, Geometry, Algebra II, Pre-AP Trigonometry, Pre-AP Analysis, Algebra III, or AP Calculus or any math course with content and/or rigor above Algebra I and approved for college Admissions requirements; Math of Finance is not included. Beginning with class of 2012, three math course must be earned in grades 9-12.
3 Science Credits	1 credit of Biology and 2 credits from: Chemistry, Pre-AP Chemistry, AP Chemistry, Physics, Pre-AP Physics, AP Physics, Environmental Science, AP Environmental Science, Biology 2, Physical Science, and Anatomy and Physiology.
3 Social Studies Credits	.5 credit of Oklahoma History, 1 credit of World History or Pre-AP World History, 1 credit of US History or AP US History, and .5 credit of Government or AP Government and Politics (AP Government is 1 credit course).
2 Credits Foreign Language or Computer Technology	2 credits of the same Foreign Language or 2 credits of Computer Technology, excluding keyboarding or typing course.
1 Additional Core Credit	Course selected from the core subject areas listed above.
1 Fine Art Credit	1 credit of Art, Band, Choir, Ping Pongs, Drama, Musical Theater, Applied Music, Speech, Ag. Communications.
Elective Credits	Additional courses to equal 23 total credits.
Financial Literacy	This is taken during student's Senior Year.
State Testing Requirements	
<p>Student will no longer take End of Instruction Test (EOI) once they have completed the following courses in order to be eligible to receive a high school diploma: Algebra I, Geometry, Algebra II, English II, English III, Biology, and US History.</p> <p>However students will take End of Instructions Tests for US History as Juniors, and a math, science, and English test as Sophomores.</p>	

Core Curriculum Graduation Plan

For those opting out of the College Preparatory/Work Ready Curriculum

Credits		23 total credits, including core and elective courses, is required
Course Requirements		
	4 English Credits	4 Units of English:
	3 Math Credits	3 Units of Math courses including Algebra I and other mathematic courses with the content and/or rigor equal to or above Algebra I. Math of Finance is included. All math courses in the Special Services department are included. Three math courses must be earned in 9-12 grades.
	3 Science Credits	1 credit of Biology and 2 credits from other science courses with content and/or rigor equal to or above Biology I. All Science courses in the Special Services department are included.
	3 Social Studies Credits	.5 credit of Oklahoma History, 1 credit of World History or Pre-AP World History, 1 credit of US History or AP US History, and .5 credit of Government or AP Government and Politics (AP Government and Politics is 1 credit)
	2 Fine Art Credit	1 credit of Art, Band, Choir, Ping Pongs, Drama, Musical Theater, Applied Music, Speech, Ag. Communications.
	Elective Credits	Additional courses to equal 23 total credits.
	Financial Literacy	This is taken during student's Senior Year.
State Testing Requirements		
<p>Student will no longer take End of Instruction Test (EOI) once they have completed the following courses in order to be eligible to receive a high school diploma: Algebra I, Geometry, Algebra II, English II, English III, Biology, and US History.</p> <p>However students will take End of Instructions Tests for US History as Juniors, and a math, science, and English test as Sophomores.</p>		

NCAA Eligibility Requirements and Registration

Students planning to compete in collegiate athletics must meet minimum must meet minimum NCAA Initial Eligibility standards for GPA, Core Course Completion and ACT/SAT scores. It is the parent's and student's responsibility to track progress towards meeting the NCAA requirements. Listed below are the courses that are approved by the NCAA. Students need to remember to choose courses that will meet Sapulpa High School Graduation Requirements as well. For more information regarding NCAA requirements, visit:

www.eligibilitycenter.org

Division 1	Division 2	Sapulpa High School Courses
4 English Credits	4 English Credits	English I, Pre-AP English I, English II, Pre-AP English II, English III, AP Language, English IV, and AP Literature
3 Math Credits	3 Math Credits	Algebra I, Geometry, Algebra II, Pre-AP Algebra II, Algebra III, Pre-AP Trigonometry, Pre-AP Analysis, AP Calculus
2 Science Credits	2 Science Credits	Biology I, Biology II, AP Biology, Chemistry, Pre-AP Chemistry, AP Chemistry, Environmental Science, Human Physiology, Anatomy, Physics, Pre-AP Physics, AP Physics
1 Additional Credit	1 Additional Credits	Additional Credit from English Math, or Science listed above
2 Social Science Credits	2 Social Science Credits	Oklahoma History, World History, AP World History, US History, AP US History, Government, AP Government, AP European History
4 Additional Credits	4 Additional Credits	From any area above or Spanish I, Spanish II, Spanish III, or Spanish IV.

16 Core Credits Required 16 Core Credits Required

For more information regarding the rules, please go to www.ncaa.org. Click on “Academics and Athletes” then “Eligibility and Recruiting.” Or visit the Eligibility Center Web site at www.ncaaclearinghouse.net.

Please call the NCAA Eligibility Center if you have questions:

Toll-free number: 877/262-1492.

OKLAHOMA STATE COLLEGE AND UNIVERSITY STANDARDS

Comprehensive Universities

Oklahoma State University: Score 24 ACT or 1090 SAT; or have a minimum 3.0 GPA and rank in the top 33% of your class; or have a minimum 3.0 GPA (in 15-unit core) and 21 ACT or 980 SAT.

University of Oklahoma: Score 24 ACT or 1090 SAT and have a minimum 3.0 GPA and rank in the top 50% of your class; or have a minimum 3.0 GPA and rank in the top 25%; or have a minimum 3.0 GPA (in 15 unit core) and score 22 ACT or 1020 SAT.

Regional Universities

Score 20 ACT or 940 SAT or have a 2.7 GPA and rank in the top 50% of your class; or have a minimum 2.70 GPA (in 15-unit core).

Two-year Colleges

Minimum GPA and ACT scores are not required for admissions:

- Take required high school courses
- Graduate from an accredited high school
- Take the ACT exam

Preparing for College

College is challenging. That is why colleges and universities want to make sure that you are prepared. To help you succeed, colleges and universities look at not only your overall ACT score, but also your ACT sub scores in Science Reasoning, Mathematics, Reading, and English to determine your readiness for college-level work. These institutions have established an ACT score of 19 as the minimum for determining student readiness for college-level course work. Students must score above 18 in the four subject areas in order to avoid second-level testing and/or remedial courses.

Oklahoma's Promise

The purpose of Oklahoma's Promise is to reward students who can do well in college, but whose families may need assistance with college costs. Students in grades 8, 9, 10 with family incomes of up to \$50,000 per year may apply for this tuition scholarship. Students must take the Oklahoma Promise Curriculum listed in the Curriculum Guide and the Oklahoma Promise website. Students must meet the following requirements:

- GPA requirement of overall minimum GPA of 2.5 and minimum core GPA of 2.5
- Attend school and complete homework regularly
- Refrain from substance abuse
- Refrain from criminal or delinquent acts
- Have school work and school records reviewed by appropriate school official

- When requested, provide information to the Oklahoma State Regents for Higher Education or the State Board of Education
- Participate in program activities
(Note: Compliance with conduct standards will be based upon the local school district's policy.) Students must apply for college financial aid when they are preparing to enroll in college.

Contact the Counseling Office or www.okpromise.org for more information.

PSAT/NMSQT

The Preliminary Scholastic Aptitude Test / National Merit Scholarship Qualifying Test (PSAT/NMSQT) is offered to sophomores and juniors once a year in October. This is a practice test for sophomores and the first step in the process of entering the National Merit Scholarship Corporation Program for juniors. Students are also given an opportunity to participate in the Student Search Service. Through this program, colleges may send students information about educational and financial aid opportunities. MyRoad, an on-line career, major and college exploration tool is available to all students who take the test through their senior year. Register early in October in the Counseling Office to take the PSAT/NMSQT. Students must pay a small fee to take the exam.

ACT

The ACT is offered at Sapulpa High School throughout the academic year. This test is given annually to approximately one million college-bound students. Juniors are encouraged to take the ACT and repeat the test their senior year if a higher score is desired. College admissions officers consider the highest composite score. Designed to assess each student's general educational development and ability to complete college level work, the ACT is used for college admissions and scholarship purposes. Students must register online at www.actstudent.org. If you receive free or reduced lunch benefits, you may take the ACT free a total of two times your junior or senior year. See your counselor for more information.

SAT

The Scholastic Aptitude Test (SAT) is a college entrance exam required by many colleges outside of Oklahoma and a growing number of scholarship programs. It measures critical thinking, reasoning skills, math and writing. Each score is reported on a 200 to 800 scale, where 200 is low and 800 is high, as well as a new multiple-choice subscore, ranging from 20 to 80 and an essay subscore, ranging from 2 to 12. SAT offers a free practice test on-line and also an

Advance Placement (AP) Testing

Students enrolled in Advanced Placement (AP) courses may choose to take AP exams in May. Students have the opportunity to earn college credit based on high achievement on the AP exams. The scoring requirements to earn college credits will vary among higher learning institutions. The AP Coordinator will distribute information to all AP teachers.

Concurrent Enrollment

Concurrent Enrollment permits qualified juniors and seniors to take, at the college level, courses which may be applied to a college-degree program.

Sapulpa High School students interested in enrolling in college courses as concurrent enrollment understand and agree to the following guidelines:

Students are responsible for enrollment in college and payment of all fees. Students are also responsible for providing Sapulpa High School with documentation of such enrollment. Concurrent enrollment will be transcribed for credit for core classes and elective classes. Any college course designated as an "honors" course may count as an honors course at Sapulpa High School as well as courses taken in Math, English, Social Studies, Science and Foreign Language. However, if a student intends to take advantage of concurrent enrollment, but fails to attend class, take care of necessary fees, does not complete the course, or is consequently dropped from the college class or classes, the student will receive an "F" for a class or classes at Sapulpa High School.

Establishing Concurrent Enrollment

1. Take the ACT examination prior to concurrent enrollment.
2. Juniors must score a minimum composite of 21 on the ACT, or have an un-weighted GPA of 3.50. Seniors must score a minimum composite of 19 on the ACT, or have an un-weighted GPA of 3.00.
3. Meet with your high school counselor to arrange a possible schedule for concurrent enrollment.
4. Obtain concurrent enrollment forms from your counselor.
5. Enroll at the college of your choice.
6. Bring proof of enrollment at the college to your high school counselor for final approval of your concurrent schedule.

The Advanced Placement Program

Advanced Placement is a program of college-level courses and examinations that give high school student the opportunity to receive advanced standing and/or credit for college courses. Sapulpa High School offers Advanced Placement coursework in English, Science, Math, History, and Art. Other benefits of Advanced Placement include exempting students from some introductory college courses, permitting students to move more quickly into

advanced classes, developing advanced study skills and habits needed in college, and reducing college costs and time to obtain a degree.

Who Should Take Advanced Placement Courses?

Advanced Placement is a program of students willing to apply their inquisitiveness, ability, and persistence. Motivated students can excel in AP; however, the program is also beneficial to competent students who succeed through application. Students interested in taking an AP course should consult the AP teacher before enrolling and complete the prerequisites required. AP courses are a year-long commitment, and a signed contract is required.

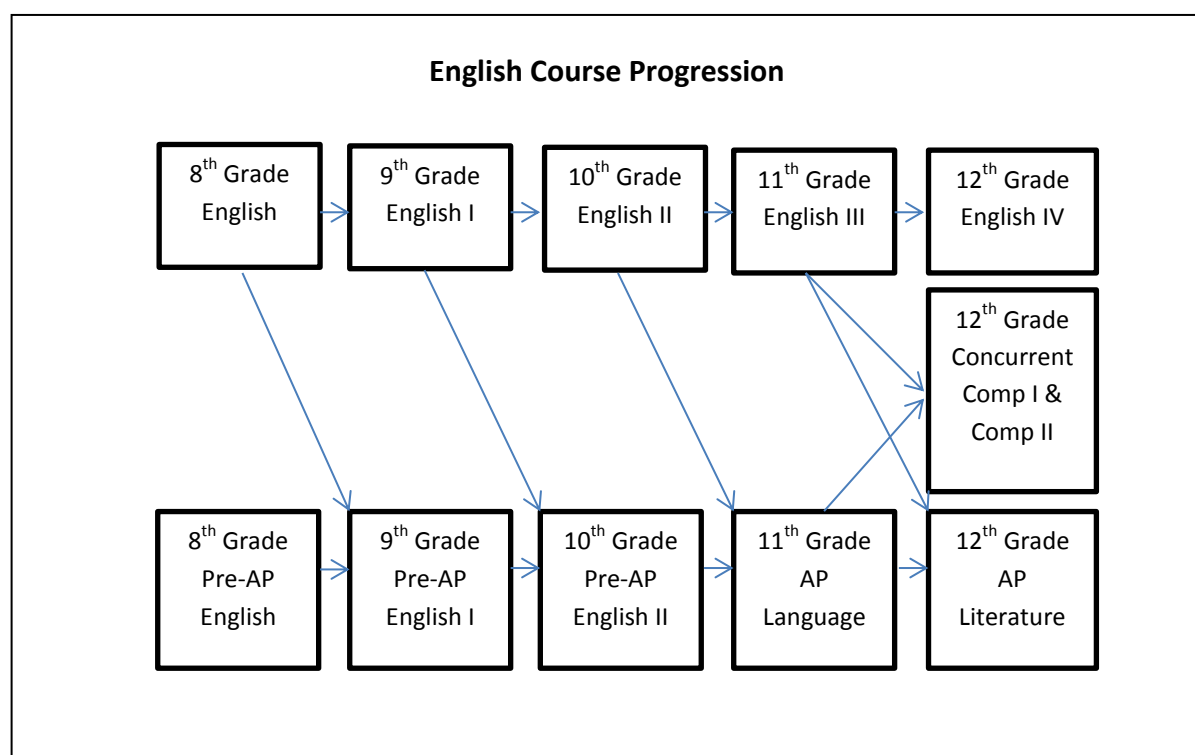
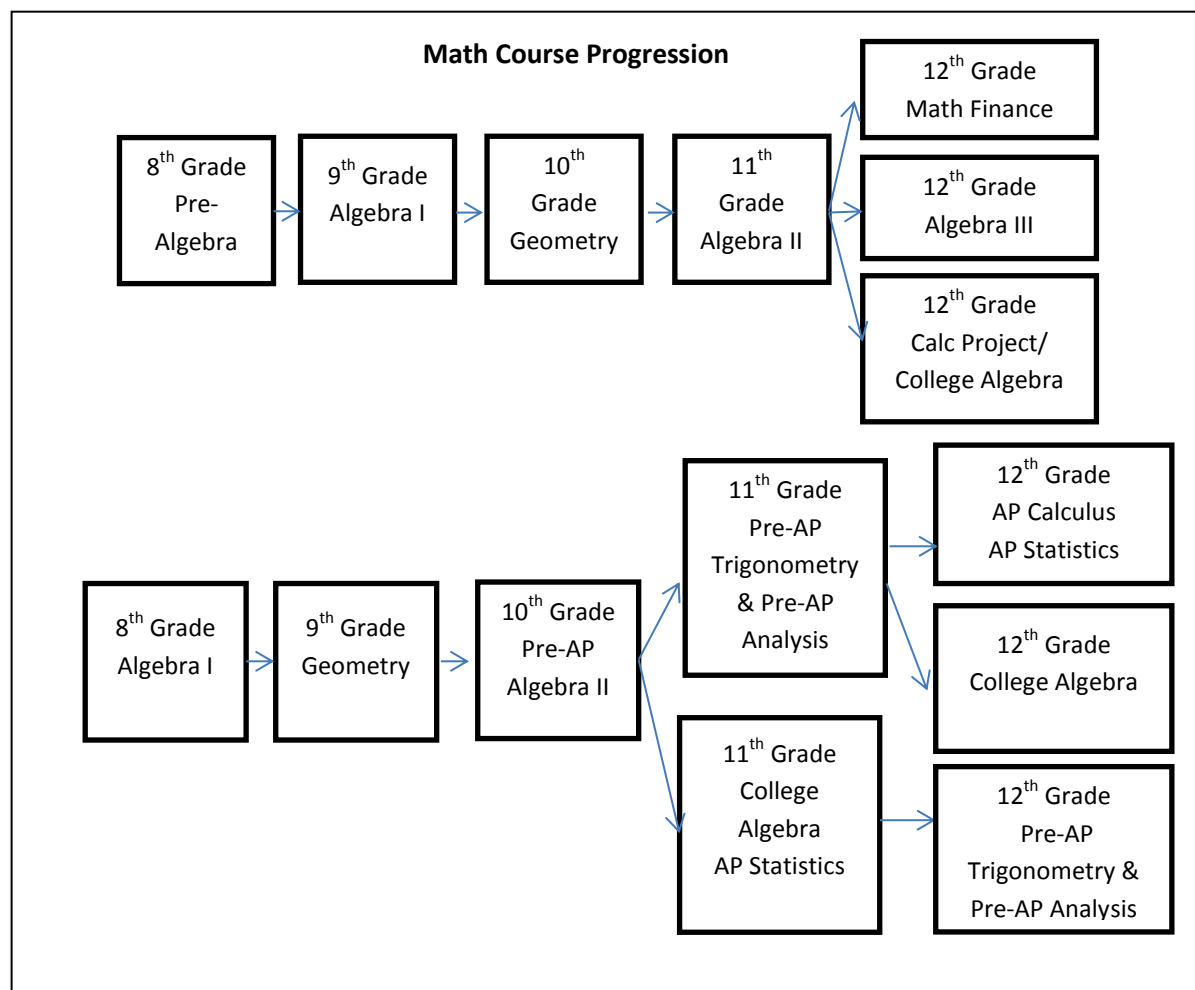
Graduating with Honors

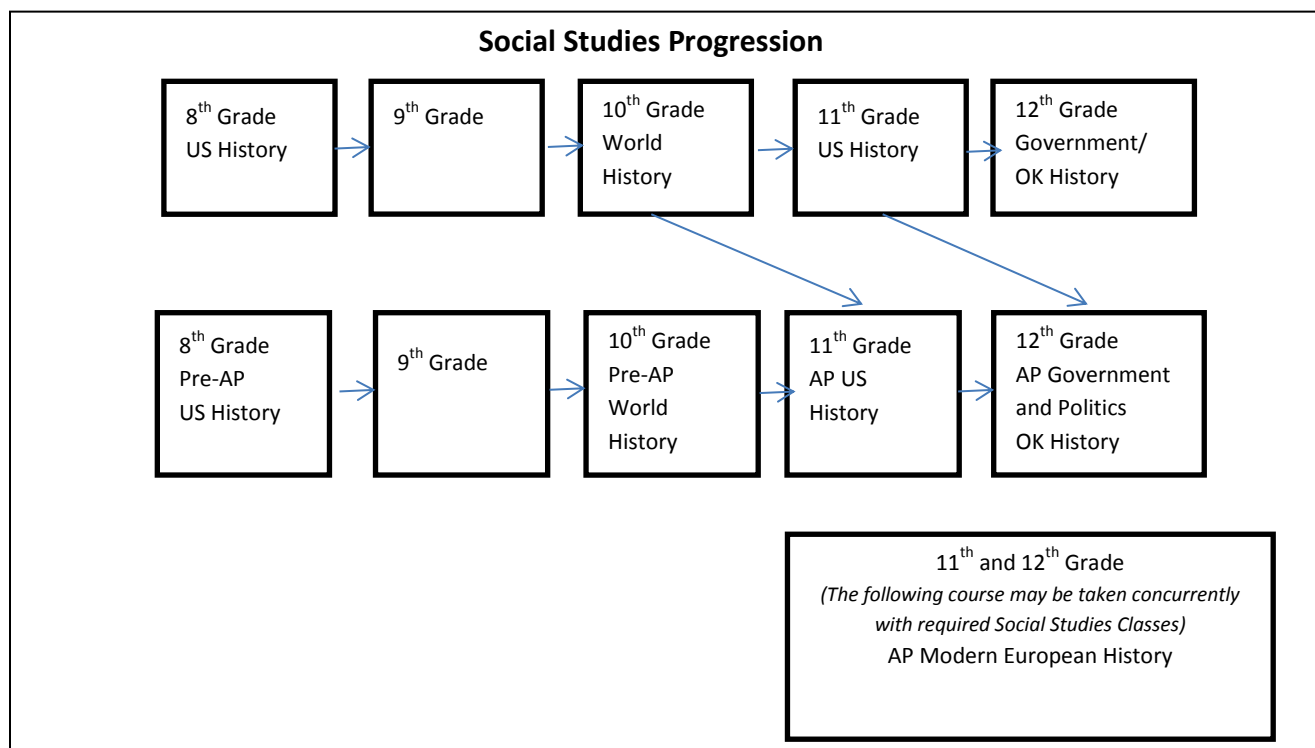
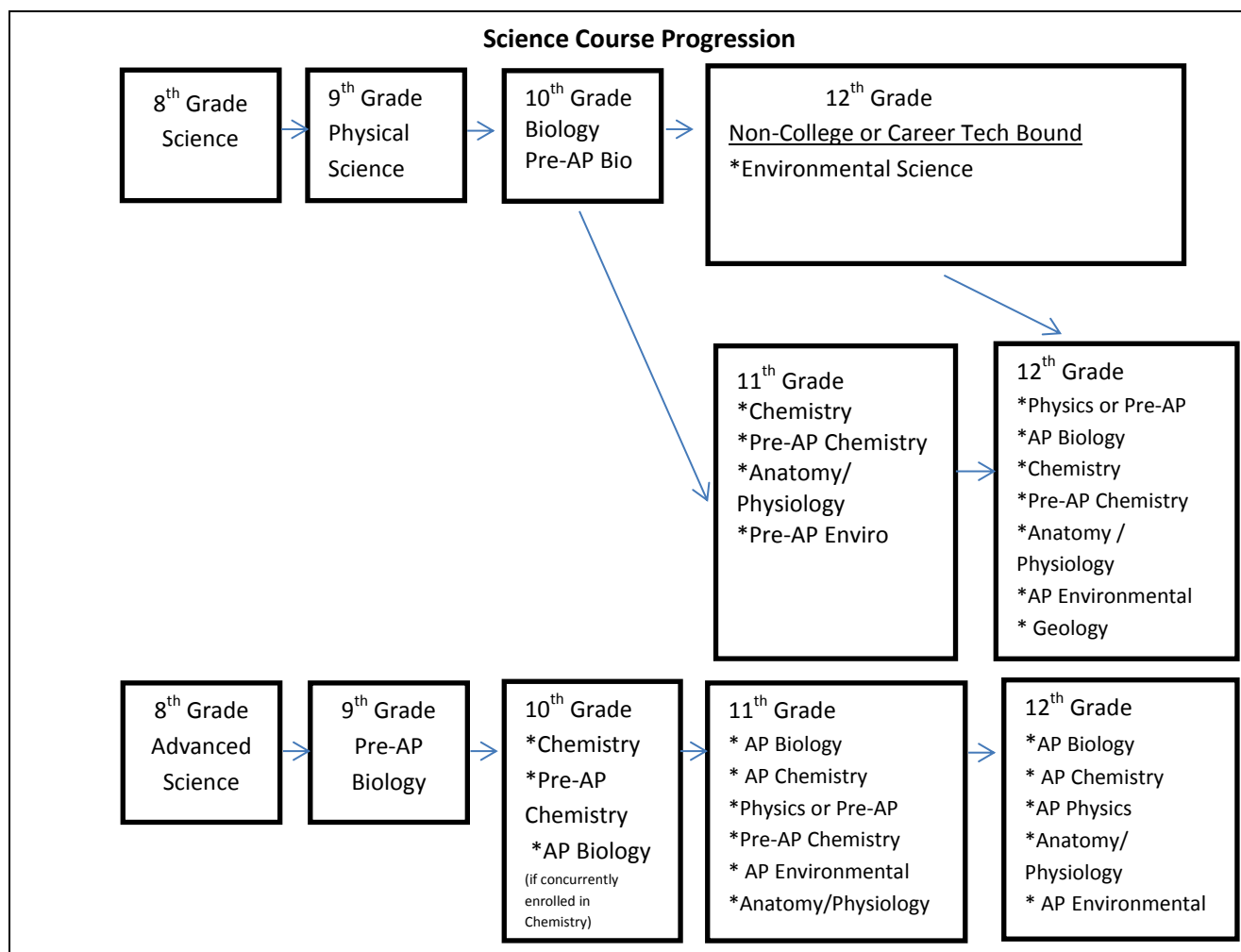
In order to graduate with honors students must earn a weighted grade point average of 4.0 and pass a minimum of eight honors classes in their four years of high school.

Weighted Grades

The following courses are to be weighted:

1. Pre-AP English 2
2. Pre-AP English I
3. AP English Language and Composition
4. AP English Literature and Composition
5. Pre-AP Biology
6. AP Biology
7. AP Chemistry
8. AP Physics
9. Pre-AP Chemistry
10. Pre-AP Physics
11. AP Environmental Science
12. Pre-AP Algebra 2
13. Pre-AP Trigonometry/Pre-AP Analysis
14. AP Calculus AB
15. AP Modern European History
16. AP Government
17. Pre-AP Environmental Science
18. Pre-AP World History
19. AP U.S. History
20. Spanish 3 and 4
21. Honors Debate 3 and 4
22. Pre-AP Art
23. Honors Civil Engineering and Architecture
24. Robotics 3 and 4
25. AP Studio Art Drawing
26. AP Studio Art 2D Design Portfolio





AGRICULTURAL EDUCATION

AGRICULTURAL COMMUNICATIONS

Semester: 1

Grades: 10-12

Prerequisite: None

Credit Value: .5 per semester/Fine Arts

Fee: \$15 FFA membership fee

Course Description: This course gives students an overview of agricultural communications and the careers available in print, broadcast or electronic journalism and public relations. Students are given an introduction at the ninth grade level to agriculture, natural resources, animal/plant science, and agribusiness principles and careers. Curriculum includes legal and ethical aspects of agricultural communications and journalism, photojournalism and videography, computer applications and web design, and trends and issues in the agricultural industry. Leadership and personal development, portfolio development in an area of interest, and/or supervised experience and FFA are integral components in this major.

AGRICULTURAL POWER AND TECHNOLOGY 1

Semester: 2

Grades: 10-12

Prerequisite: Ag. Science I

Credit Value: .5 per semester/Elective

Fee: \$15 FFA membership fee & \$10 lab fee

Course Description: This course will provide an opportunity for students to develop skills utilized in today's workforce. Classroom instruction and laboratory experiences will include agriculture machinery and equipment, structures and utilities, cutting and welding and agricultural mechanics.

AGRICULTURAL POWER AND TECHNOLOGY 2

Semester: 2

Grades: 10-12

Prerequisite: Ag. Science I

Credit Value: .5 per semester/Elective

Fee: \$15 FFA membership fee

Course Description: This course is a continuation of Agricultural Power and Technology 1. Skills will be developed and used productively through classroom instruction and laboratory experiences.

AGRICULTURAL SCIENCE 1

Semester: 1 or 2

Grades: 10-11

Prerequisite: Teacher Permission

Credit Value: .5 per semester/Elective

Fee: \$15 FFA membership fee

Course Description: This course is designed to introduce students to the world of agriculture. Upon completing this course, students will be able to understand and apply basic

concepts in animal science, plant science, ag. mechanics, record keeping, public speaking, and leadership. It will also give students the opportunity to compete in activities through FFA. If you have taken Ag. Science or you are in 12th grade, you cannot take this class.

AGRICULTURAL STRUCTURES

Semester: 2

Grades: 10-12

Prerequisite: Ag. Science I, Ag. Power and Technology 1 & 2

Credit Value: .5 per semester/Elective

Fee: \$15 membership fee & \$10 lab fee

Course Description: This course is designed to develop skills and competencies in planning, constructing and maintaining agricultural structures. Content included sketching, drawing, plan reading, laying out structures, masonry, and some metal fabrication.

ANIMAL SCIENCE

Semester: 2

Grades: 10-12

Prerequisite: Ag. Science I

Credit Value: .5 per semester/Elective

Fee: \$15 FFA membership fee

Course Description: Students learn information, knowledge, and skills associated with careers in animal production and animal science. The knowledge gained through this course will be species specific. This curriculum provides laboratory, lecture, and competitive activities through the FFA to students interested in veterinary medicine, livestock production and nutrition, genetics, and laboratory techniques.

EQUINE MANAGEMENT AND PRODUCTION SCIENCE

Semester: 1

Grades: 10-12

Prerequisite: Teacher Permission & Animal Science I

Credit Value: .5 per semester/Elective

Fee: \$15 FFA membership fee & \$10 lab fee

Course Description: Through this course, the students will learn information and practical skills related to basic equine management and production. Through lecture and laboratory experiences the student will gain insight into the size, scope and economic impact to the horse industry. The course will allow students to take a scientific approach to exercise physiology, nutrition, reproduction and genetics, as well as care and management of equine.

ART DEPARTMENT

AP STUDIO ART 2-D DESIGN

Semester: 2

Grades: 10-12

Prerequisite: Art 1 and Teacher Placement upon portfolio

review

Credit Value: .5 per semester/Fine Art

Fee: \$30/Semester

Course Description: This is a college-driven art class with an extremely intense workload. This class is for students who are exceptionally creative and talented in a wide variety of art media. In this course the student will develop a portfolio that derives from a specific concentration.

AP ART DRAWING

Semester: 2

Grades: 10-12

Prerequisite: Art 1 and Teacher Placement upon portfolio review

Credit Value: .5 per semester/Fine Art

Fee: \$30/Semester

Course Description: This is a college-driven art class with an extremely intense workload. This class is for students who are exceptionally creative and talented in a wide variety of art media, especially drawing technique. In this course the student will develop a portfolio that derives from a specific concentration.

ART I

Semester: 2

Grades: 10-12

Prerequisite: None

Credit Value: .5 per semester/Fine Art

Fee: \$5/Semester

Course Description: This course is a beginning art class stressing basic art vocabulary and practices. Students will work in a variety of media and concepts within areas of drawing, painting, and 3-dimensional study. *This class is transcribed for high school credit for 8th grade.*

DRAWING & PAINTING 1

Semester: 2

Grades: 10-12

Prerequisite: Art 1

Credit Value: .5 per semester/Fine Art

Fee: \$5/Semester

Course Description: This is a beginning level drawing class. Basic art concepts, vocabulary, drawing and design problems will be taught using a variety of drawing media.

DRAWING & PAINTING 2

Semester: 2

Grades: 11-12

Prerequisite: Art 1 and Drawing 1

Credit Value: .5 per semester/Fine Art

Fee: \$7/Semester

Course Description: This is an intermediate level class. Basic art concepts, vocabulary, drawing and design problems will be taught in a variety of drawing and painting media.

DRAWING & PAINTING 3

Semester: 2

Grades: 12

Prerequisite: Art 1, Drawing, and Drawing & Painting 1

Credit Value: .5 per semester/Fine Art

Fee: \$10/Semester

Course Description: This is an advanced drawing and painting class. Art concepts, vocabulary, drawing and design problems will be taught in a variety of drawing and painting media.

PRE-AP ART

Semester: 2

Grades: 10-11

Prerequisite: Art 1 and teacher placement only

Credit Value: .5 per semester/Fine Art

Fee: \$30/Semester

Course Description: This is an advanced art class for students interested in taking the Advanced Placement art course. The student will begin putting a portfolio together and experiment in different media and art processes.

3-D MIX MEDIA I

Semester: 2

Grades: 10-12

Prerequisite: Art 1

Credit Value: .5 per semester/Fine Art

Fee: \$15/Semester

Course Description: This is a beginning level 3-dimensional and mixed media course. Various artistic media will be taught such as printmaking, sculpture, ceramics, and other mixed media projects.

3-D MIX MEDIA 2

Semester: 2

Grades: 11-12

Prerequisite: Art 1 and 3-D Mix Media I

Credit Value: .5 per semester/Fine Art

Fee: \$15/Semester

Course Description: This is a beginning level 3-dimensional and mixed media course. Various artistic media will be taught such as printmaking, sculpture, ceramics, and other mixed media projects.

3-D MIX MEDIA 3

Semester: 2

Grades: 12

Prerequisite: Art 1, 3-D Mixed Media I and 2

Credit Value: .5 per semester/Fine Art

Fee: \$15/Semester

Course Description: This is an intermediate level 3-dimensional and mixed media course. Various artistic media will be taught such as printmaking, sculpture, ceramics, and other mixed media projects.

BUSINESS DEPARTMENT

BUSINESS COMMUNICATION

Semester: 2

Grades: 10-12

Prerequisite: Teacher approval and application required

Credit Value: .5 per semester/Elective

Course Description: Students learn in a project-based environment, planning, executing, writing and editing video stories, learning how to speak on camera while using state-of-the-art equipment that includes video cameras, video and audio mixers, lighting and editing systems. Content will be broadcasted on Chieftain TV. Pre-production, production, post-production and live stream is all student created, directed and produced. Students will also produce the video announcements and other video projects for Sapulpa Junior-Senior High School.

BUSINESS COMMUNICATION 2

Semester: 2

Grades: 10-12

Prerequisite: Teacher approval and application required

Credit Value: .5 per semester/Elective

Course Description: This is the second year of Business Communications. Students learn in a project-based environment, planning, executing, writing and editing video stories, learning how to speak on camera while using state-of-the-art equipment that includes video cameras, video and audio mixers, lighting and editing systems. Content will be broadcasted on Chieftain TV. Pre-production, production, post-production and live stream is all student created, directed and produced. Students will also produce the video announcements and other video projects for Sapulpa Junior-Senior High School.

DESKTOP PUBLISHING AND GRAPHIC DESIGN

Semester: 2

Grades: 10-12

Prerequisite: Fundamentals of Technology

Credit Value: .5 per semester/Computer

Course Description: This Career Tech course offering will consist of developing student skills in the areas related to communicating through visual design with the primary emphasis of this course being desktop publishing and working with graphics. Activities will included but not be limited to producing flyers, pamphlets, business forms, newsletters, programs, letterhead, envelopes and labels, brochures and logos. Software to be used is Adobe In-Design CS5, Adobe Photoshop CS5, and Microsoft Office. *Oklahoma's Promise approved course.*

FUNDAMENTALS OF ADMINISTRATION TECHNOLOGIES

Semester: 2

Grades: 10-12

Prerequisite: Fundamentals of Technology

Credit Value: .5 per semester/Computer

Course Description: This Career Tech course builds on the core business skills and will provide students with the concepts, principles, and attitudes needed to understand how an office is operated and managed in a rapidly changing global environment. The integration of state-of-the-art personal computing is done throughout the course.

FUNDAMENTALS OF TECHNOLOGY

Semester: 2

Grades: 10-12

Prerequisite: None

Credit Value: .5 per semester/Computer

Course Description: This course will prepare students for positions in business using computers in the Windows environment. This course will also introduce students to the basic skills, principles, techniques, and attitudes that encompass today's business world.

Integration of computer and business skills will enable students to excel in written and verbal communication, computational skills, record management, and the Microsoft Office Suite 2007 including Word, Excel, PowerPoint, and Access. This course is *OHLAP approved* and is a prerequisite for all other Career Tech business courses.

MARKETING AND PROMOTIONS

Semester: 2

Grades: 10-12

Prerequisite: Teacher approval

Credit Value: .5 per semester/Elective

Course Description This class provides hands on training to students in the field of sports and entertainment management through project based activities. Regular class time will be used to perform tasks associated with planning and performing actual sports and entertainment events. Students will be responsible for providing game time entertainment and promotional events for the Sapulpa Athletics Department.

MARKETING AND PROMOTIONS 2

Semester: 2

Grades: 10-12

Prerequisite: Teacher approval

Credit Value: .5 per semester/Elective

Course Description This class is the second year of Marketing and Promotions. The class provides students with hands-on training to students in the field of sports and entertainment management through project based activities. Regular class time will be used to perform tasks associated with planning and performing actual sports and entertainment events. Students will be responsible for providing game time entertainment and promotional events for the Sapulpa Athletics Department.

MULTIMEDIA IMAGE MANAGEMENT

Semester: 2

Grades: 10-12

Prerequisite: Fundamentals of Technology

Credit Value: .5 per semester/Computer

Course Description: This Career Tech course will provide students with fundamental skills in image creation and management procedures and techniques as they create, revise, optimize and export graphics for video, print, and web publishing. Software to be used is Adobe Photoshop, CS5, MS Moviemaker, Microsoft Office Products, as well as other tools; i.e. Apps. *Oklahoma's Promise approved course.*

Native American Influence in the 21st Century

Semester: 2

Grades: 10-12

Credit Value: .5 per semester/Elective

Course Description: This course offers Native American students, or students interested in Native American history, a brief overview of the history and culture of American Indian people, with an emphasis on the history and culture of Muscogee Creek Nation. The course will also include weekly instruction on speaking and written communication in the Euchee language. In addition, students will develop leadership skills through community service and will participate in college and career exploration.

ENGINEERING DEPARTMENT

ENGINEERING DESIGN AND DEVELOPMENT

(A Project Lead the Way Course)

Semester: 2

Grades: 12

Prerequisite: : Introduction to Engineering Design and Principles of Engineering, a B in Algebra II (can be concurrently enrolled) and a 2.50 GPA

Credit Value: .5 per semester/Elective

Course Description: The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to completion. Completing EDD students will be ready to take on any post-secondary program or career.

Students will use all the skills they have acquired in their PLTW course to complete a capstone project that will showcase their abilities. Students must be capable of self-guided work and possess excellent time management and project management skills. Students will take a solution to a real life project all the way through the engineering design

process that will culminate in a working model that will be presented to a board of engineers.

HONORS CIVIL ENGINEERING AND ARCHITECTURE (A Project Lead the Way Course)

Semester: 2

Grades: 11-12

Prerequisite: Introduction to Engineering Design and Principles of Engineering, a B in Algebra II (can be concurrently enrolled) and a 2.50 GPA

Credit Value: .5 per semester/Elective

Course Description: Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

Civil Engineering and Architecture introduces students to the interdependent fields of civil engineering and architecture; students learn project planning, site planning, and building design.

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities.

INTRODUCTION TO ENGINEERING DESIGN (A Project Lead the Way Course)

Semester: 2

Grades: 10-12

Prerequisite: Geometry (can be concurrently enrolled) and a B in Algebra I and a 2.50 GPA

Credit Value: .5 per semester/Computer Science

Course Description: Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

Introduction to Engineering Design (IED) is a high school level course that is appropriate for 9th or 10th grade students. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.

The course assumes no previous knowledge, but students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of

engineering design problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. Students will also learn how to document their work, and communicate their solutions to their peers and members of the professional community.

PRINCIPLES OF ENGINEERING (A Project Lead the Way Course)

Semester: 2

Grades: 10-12

Prerequisite: Introduction to Engineering Design, and a B in Algebra II (can be concurrently enrolled) and a 2.50 GPA

Credit Value: .5 per semester/Computer Science

Course Description: Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

This course is designed to help students understand the field of engineering and engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

ENGLISH DEPARTMENT

AP ENGLISH LANGUAGE AND COMPOSITION

Semester: 2

Grades: 11

Prerequisite: Teacher Recommendation and Signed Contract

Credit Value: .5 per semester/English

Course Description: In this course, students will gain experience in close reading and examining rhetorical strategies in various contexts with rigor. They will be expected to read critically, think analytically, and communicate clearly both in writing and in speech. At the conclusion of the class, students will be able to take the Advanced Placement English Language and Composition exam if they choose to do so.

AP ENGLISH LITERATURE AND COMPOSITION

Semester: 2

Grades: 12

Prerequisite: Teacher Recommendation and Signed Contract

Credit Value: .5 per semester/English

Course Description: This is the culminating class of the AP program. It stresses careful reading of various literary classics: novels, short stories, poems, and drama with rigor. Students will write numerous essays, either as timed writings in class or as documented papers prepared out of class. Style analysis training and practice for the AP English Literature and Composition examination will be emphasized. At the conclusion of the class, students will be able to take the Advanced Placement English Literature and Composition exam if they choose to do so. Furthermore, students who successfully complete this course are well prepared for college-level writing and reading.

CONTEMPORARY LITERATURE

Semester: 1-2

Grades: 10-12

Prerequisite: None

Credit Value: .5 per semester/Elective

Course Description: This course introduces students to examples of the best contemporary writing in English, from a range of cultures. Genres include the novel, the graphic novel, and poetry and authors. In addition to providing a grounding in contemporary literature, this focuses on critical reading and writing skills.

CREATIVE WRITING

Semester: 1-2

Grades: 10-12

Prerequisite: None

Credit Value: .5 per semester/Elective

Course Description: Creative Writing is an elective course; not a substitute for a required English course. This class is for students who are passionate about writing and plan to write in future for profit or pleasure. Students will explore a variety of writing modes and situations and identify their personal writing likes as well as strengths. Students will be given grounding in the structure and techniques of writing so that their creative efforts are credible.

ENGLISH 2

Semester: 2

Grades: 10

Prerequisite: English I

Credit Value: .5 per semester/English

Course Description: Composition concentrates on writing paragraphs with an introduction to writing a five-paragraph essay and an introduction to the research paper. The literary focus is on world literature by genre. Literary terms and a grammar review are also included. Students continue their preparation for EOI tests.

ENGLISH 3

Semester: 2

Grades: 11

Prerequisite: English I and 2

Credit Value: .5 per semester/English

Course Description: Composition concentrates on writing essays and the research paper. The literary focus is on American literature and history. Students also practice for the ACT and continue their preparation for EOI tests.

ENGLISH 4

Semester: 2

Grades: 12

Prerequisite: English I, 2, and 3

Credit Value: .5 per semester/English

Course Description: This course concentrates on developing a research paper and on writing essays. The literature component focuses on English literature and history. Students also review for the ACT test and prepare for the financial literacy module. Both the research paper and financial literacy are required for graduation.

PRE-AP ENGLISH 2

Semester: 2

Grades: 10

Prerequisite: Signed Contract

Credit Value: .5 per semester/English

Course Description: Pre-AP English 2 is an honors level class that prepares students for AP English Language and Literature taken in the 11th and 12th grades, respectively. AP courses are college level and focus on close reading of original texts and composing in-class written responses to nonfiction and world-class fiction short stories, poetry, drama, and novels ranging from classic to contemporary. These classes are more demanding than traditional language arts classes, and students are expected to devote more time and energy than they might in a standard language arts class.

FAMILY AND CONSUMER SCIENCE DEPARTMENT

CULINARY BASIC SKILLS

Semester: 2

Grades: 10-12

Prerequisite: FACS 1

Credit Value: .5 per semester/Elective

Course Description: This course is an introduction to the history of food service and kitchen fundamentals such as safety, sanitation, kitchen equipment and kitchen basics. Nutrition as it relates to food preparation is covered. The ServSafe certification by National Restaurant Association may be taught/obtained during this course. Students learn preparation and quantity food production skills in breakfast foods, sandwiches, salads, garnishes,

fruits, vegetables, potatoes and grains. Students will learn proper terminology and use of equipment applicable to the preparation of these foods. The importance of teamwork in the food service environment is also emphasized.

FAMILY AND CONSUMER SCIENCE I

FACS EOI REQUIRED

Semester: 1

Grades: 10-12

Prerequisite: None

Credit Value: .5 per semester/Elective

Course Description: A comprehensive study designed with updated content areas regarding the developing preschool-age child, human ecology, and food science. Attention is also focused toward assisting students with understanding a career ladder and assuming leadership responsibilities. Student leadership through Family, Career and Community Leaders of America (FCCCLA), is an integral part of this course.

INTRODUCTION TO HOSPITALITY AND TOURISM

Semester: 1

Grades: 10-12

Prerequisite: FACS 1

Credit Value: .5 per semester/Elective

Course Description: A core course designed as an overview of the hospitality and tourism industry. Areas of study include the many facets of the tourism industry including food service, lodging, travel, tourism, recreation and attractions. Recommended avenues of teaching include guest speakers within the classroom and tours to various tourism facilities.

MARRIAGE AND FAMILY LIFE

Semester: 1

Grades: 10-12

Prerequisite: FACS 1

Credit Value: .5 per semester/Elective

Course Description: This course is designed to provide knowledge of family life and factors that influence lifestyles and decisions. Attention is focused on marriage and family skills, life choices, and parenthood and family changes. Marriage and Family Life is intended as the basic course from which students gain the knowledge to develop relationships effectively and deal with the many relationships that are a part of everyday life.

SURVIVING AND THRIVING

Semester: 1

Grades: 10-12

Prerequisite: FACS 1

Credit Value: .5 per semester/Elective

Course Description: This course is designed to help prepare students for their roles as adults in the home and in their careers. Areas of instruction, activities, and practical

application are in consumer education, nutrition, parenthood education, relationships, and management of resources.

FOREIGN LANGUAGE DEPARTMENT

ALL SPANISH CLASSES:

In these high school level classes, students receive instruction in how to communicate in Spanish using topical vocabulary appropriate for each level. They will also participate in activities both at school and at home each week that will develop their abilities to listen, understand, speak, read, and write in Spanish. The culture and history of Hispanic people will also be studied through readings, video, music, and art. The planning, organization, classification, and verbalization of new ideas enhance the development of thinking skills. Students are expected to create and perform public presentations in Spanish based on their level of study. All students successfully completing these classes will receive foreign language high school credit.

SPANISH I

Semester: 2

Grades: 10-12

Prerequisite: C or better in English

Credit Value: .5 per semester/Foreign Language

Course Description: Spanish 1 emphasizes beginning vocabulary through speaking, reading, writing, and basic grammar. Emphasis is placed on descriptions and speaking in the Present tense.

SPANISH 2

Semester: 2

Grades: 10-12

Prerequisite: Grade of C or above in Spanish 1

Credit Value: .5 per semester/Foreign Language

Course Description: Spanish 2 emphasizes raising functional communication skills, culture, and adding more vocabulary. In this second course there is continued practice with present tense verbs (both Regular and Irregular verbs) as well as an emphasis on learning both of the Past tense verbs (Preterite and Imperfect).

SPANISH 3

Semester: 2

Grades: 10-12

Prerequisite: Grade of C or above in Spanish 2

Credit Value: .5 per semester/Foreign Language

Course Description: Spanish 3 emphasizes individual communicative skills and preparation for college-placement testing. In this third course of Spanish, previous grammar structures and verb tenses are reviewed and practiced with an emphasis on the Past tense verbs (Preterite and

Imperfect). Students will receive honors credit for this course.

SPANISH 4

Semester: 2

Grades: 10-12

Prerequisite: Grade B or higher in Spanish 3

Credit Value: .5 per semester/Foreign Language

Course Description: Spanish 4 is designed to review all verb structures and grammar concepts learned in the previous three levels of Spanish. Particular emphasis will be placed on the Subjunctive mood verbs (present and past). Students will learn new vocabulary while reviewing words they are familiar with as well. There will be speaking, reading, writing, and listening components to the course as well. Students will begin to get acquainted with the AP exam format and take practice tests. This is a rigorous course designed to challenge students and develop their language skills. Students will receive honors credit for this course.

MATHEMATICS DEPARTMENT

ALGEBRA I

Semester: 2

Grades: 10

Prerequisite: 8th Grade: Grade of A or B in 7th grade

Advanced Math and Teacher Recommendation

9th and 10th Grade: None

Credit Value: .5 per semester/Math

Course Description: This Algebra I helps prepare students for the End of Instruction (EOI) exam. Eighth grade students placed in Algebra I are considered advanced math students and will not be enrolled in the 8th grade Pre-Algebra course.

ALGEBRA 2

Semester: 2

Grades: 10-12

Prerequisite: Algebra I and Geometry

Credit Value: .5 per semester/Math

Course Description: This is a comprehensive Algebra II course for juniors and seniors. The basic algebraic functions (linear, quadratic, polynomial, exponential, logarithmic, and rational) are investigated verbally, numerically, symbolically, and graphically. The course fulfills standard college entrance requirements.

ALGEBRA 3

Semester: 2

Grades: 11-12

Prerequisite: None

Credit Value: .5 per semester/Math

Course Description: This course, designed for seniors, prepares students for college-level mathematics by

reinforcing the students' Algebra II skills and investigating many of the topics taught in a typical College Algebra course during the year. Algebra 2 and Trigonometry components are taught with additional practice in equation solving and the kinds of mathematical reasoning and problem solving needed for success in college. There are also ACT problems, online tests, and online problems given to help increase the students' ACT scores. Students taking this course receive honors credit even if they have not previously been enrolled in the honors program.

AP CALCULUS AB

Semester: 2

Grades: 11-12

Prerequisite: Grade of B or better in Pre-AP Analysis/Pre-AP Trigonometry or Algebra 3

Credit Value: .5 per semester/Math

Course Description: This class is designed for students who plan to enter universities and major in engineering, economics, life sciences, mathematics, physical sciences, and similar programs. Calculus investigates how to think clearly and rigorously about change, motion, approximation, and infinite processes. It is a college-level course intended for serious math students, and it requires a sound knowledge of algebra, geometry, and trigonometry. TI-89 calculators will be provided for students in this class. Students who make a score of 3 or above on the AP Calculus exam generally receive college credit for at least Calculus 1. Not all colleges take AP scores as credit.

AP STATISTICS

Semester: 2

Grades: 10-12

Prerequisite: Algebra I, Geometry, Algebra II, with B or better each semester.

Credit Value: .5 per semester/Elective

Course Description: This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, probability and statistical inference.

CALC PROJECT

Semester: 1 semester each

Grades: 12

Prerequisite: Algebra II

Credit Value:

Course Description: CALC Project is a continuation of Algebra 2 including the following topics: relations and functions, graphing using transformations, algebra of functions, conic sections, polynomial and rational functions/inequalities, systems of equations, matrices, exponential and logarithmic functions, sequences and

series and applications. This course is only offered in the fall.

COLLEGE ALGEBRA through TCC (on Campus)

Semester: 1 semester each

Grades: 12

Prerequisite: Algebra II and a 19 on the ACT math test

Credit Value: 1.0

Course Description: College Algebra is a continuation of Algebra 2 including the following topics: relations and functions, graphing using transformations, algebra of functions, conic sections, polynomial and rational functions/inequalities, systems of equations, matrices, exponential and logarithmic functions, sequences and series and applications.

GEOMETRY

Semester: 2

Grades: 10-11

Prerequisite: Algebra I

Credit Value: .5 per semester/Math

Course Description: This is a comprehensive course that includes the study of plane, solid, coordinate, and transformational geometry and incorporates review of algebra skills.

MATH OF FINANCE

Semester: 2

Grades: 12

Prerequisite: Grade of C or better in Algebra 2

Credit Value: .5 per semester/Elective

Course Description: This course is designed to help students with "Real World" problems. Some of the topics studied are: Investment Savings, Retirements Planning, Identity Fraud, and Credit Card Debt. It is designed to help students deal with issues they will face once they are out of high school and are a part of a working society.

PRE-AP ALGEBRA II

Semester: 2

Grades: 10

Prerequisite: Grade of B or better in Algebra I and Geometry

Credit Value: .5 per semester/Math

Course Description: This is a comprehensive Algebra 2 course for qualified sophomores and juniors. Topics are similar to those in the Algebra 2 course listed above, but they are investigated in greater depth and the assignments are more challenging. Students are prepared for Pre-AP Analysis, Pre-AP Trigonometry, and AP Calculus.

PRE-AP ANALYSIS

Semester: 1

Grades: 11-12

Prerequisite: Grade of B or better in Pre-AP Algebra 2 or teacher approval

Credit Value: .5 per semester/Math

Course Description: This is a modern analytic approach to the study of college algebra topics with emphasis on the language of mathematics and reasoning skills. Properties of real and complex numbers are investigated and applied to applications using algebra, technology, and data analysis. Each student enrolled will be provided with a graphing calculator.

PRE-AP TRIGONOMETRY

Semester: 1

Grades: 11-12

Prerequisite: Grade of B or better in Pre-AP Algebra 2 or teacher approval

Credit Value: .5 per semester/Math

Course Description: This is a continuation of Pre-AP Analysis with special emphasis on the trigonometric and inverse trigonometric functions, vectors, and periodicity. It prepares students for the study of Calculus and other kinds of pre-engineering mathematics and science.

MISCELLANEOUS DEPARTMENT

ACADEMIC ACHIEVEMENT

Semester: 2

Grades: 11-12

Prerequisite: Must be on track for graduation.

Credit Value: .5 per semester/Elective

Course Description: This course will utilize independent study and collaboration to expand academic achievement. Student will have an opportunity to participate in college and career preparation.

HIGH SCHOOL LEADERSHIP

Semester: 2

Grades: 10-12

Prerequisite: Teacher approval

Credit Value: .5 per semester/Elective

Course Description: Students who are members of students council, officers of any club, organization, or team may enroll in the class.. The purpose of this class is to train student leaders in the various aspects of student leadership and to provide regular class time for performance of tasks associated with the office to which each has been elected. Experiences will include representative student government and human relations with peer groups, faculty, and administration. Course contents will include basic techniques of leadership, goal setting, organizational skills, meetings, group effectiveness, communication, motivation, problem solving, decision making, public relations, and evaluation. Students must follow all school and teacher requirements in order to maintain enrollment in the class.

MARINE ROTC

Semester: 2

Grades: 10-12

Prerequisite: Teacher Approval

Credit Value: .5 per semester/Elective

Course Description: Leadership education will be taught. Two Marine instructors will teach this course with the following emphasis: leadership skills, physical fitness, marksmanship, and military science. Uniforms will be worn one day a week at school and all uniforms and gear will be furnished by the school military. There will be an emphasis on competition with other schools in marksmanship, drill and physical fitness. Marine JROTC is not a recruitment program for the military, it is a leadership course. JROTC has been instituted in numerous schools in the Tulsa area with resounding results. It is a program available to both young men and women.

OFFICE AIDE/LIBRARY AIDE/COUNSELOR AIDE

Semester: 1

Grades: 10-12

Prerequisite: Application Only and must be enrolled in a math class

Credit Value: .5 per semester/Elective

Course Description: Students will assist office/library/ counseling staff in a variety of general office assignments. It is a privilege to work as an office/library/counseling aide; student must be and remain in good discipline and academic standing. Students should bring work to class each day to work on during down time.

PEER TUTORING

Semester: 2

Grades: 11-12

Prerequisite: Teacher approval

Credit Value: .5 per semester/Elective

Course Description: Students in this course will develop an understanding of various disabilities. Peer Tutors will work in one-on-one situations assisting students with disabilities with functional academics, social skills, daily living skills, and vocational skills. Peer tutors are expected to be role models and remain actively engaged with students in the classroom for the entire class period. A positive attitude and good attendance is a must! All peer tutors will earn a letter grade based on daily performance. Peer tutors must be approved by teachers or counselors.

YEARBOOK

Semester: 2

Grades: 10-12

Prerequisite: Teacher Approval

Credit Value: .5 per semester/Elective

Course Description: Yearbook is a highly challenging class offering training in computer graphics and desktop mastery of Adobe Indesign and Adobe Photoshop CS5. Students are

trained and guided in the production of the school's yearbook that is published and delivered in the spring of the school year. Students spend many hours after school designing, creating, editing, writing, cropping, scanning and placing text as well as pictures. In addition, they obtain skills they can take to the workforce. The knowledge base they obtain concerning photography, graphic design, computer software, computer hardware, human relations, writing and meeting deadlines will be invaluable skills.

MUSIC DEPARTMENT

ADVANCED MIXED CHORUS (BLUE BLAZED MARVELS)

Semester: 2

Grades: 10-12 (Boys and Girls)

Prerequisite: Audition only and Director's signature

Credit Value: .5 per semester/Fine Arts

Course Description: This class is for the most advanced male and female singers. Students will study choral music of different periods and styles. There will be many performances and contests which students will be required to attend.

APPLIED INSTRUMENTAL MUSIC

Semester: 2

Grades: 10-12

Prerequisite: Band Director Approval

Credit Value: .5 per semester/Fine Arts

Course Description: Applied music is an elective for students wishing to enhance their instrumental music skills. This course will provide an in-depth opportunity not only to study music but also to prepare for All-State competitions, solo competition, recital preparation and college scholarships. The following requirements exist for enrollment in this course: 1st semester must audition for All-State and All Region; 2nd semester must attend the OSSAA District Solo Contest with a prepared solo and ensemble approved by the Band Staff, participate in the school musical (if needed), and take the OSSAA Music Theory Test. Enrollment is by permission only.

APPLIED VOCAL MUSIC

Semester: 2

Grades: 10-12

Prerequisite: ENROLLMENT IS BY VOCAL DIRECTOR'S PERMISSION ONLY

Credit Value: .5 per semester/Fine Arts

Course Description: Applied music is an elective for students wishing to enhance their vocal music skills. This course will provide an in-depth opportunity not only to study music but also to prepare for All-State competitions, solo competition, recital preparation and college scholarships. Students will be required to audition for All-

State Chorus and attend the OSSAA District Solo and Ensemble contest.

COLOR GUARD

Semester: 2

Grades: 10- 12

Prerequisite: Audition and Band Director Approval

Credit Value: .5 per semester/Fine Arts

Course Description: Auditions for the Color Guard and Winter Guard are open to any student who will be in 10-12 grades. Students who play an instrument in the band are encouraged to participate but are required to continue to play in one of the concert ensembles offered. The number of participants will be determined by the Instrumental Music Staff. Rehearsals during the summer and additional rehearsals above and beyond the expectations of the marching band will be required. Enrollment is by permission only.

DANCE/PING SQUAD

Semester: 2

Grades: 10-12

Prerequisite: Try-outs

Credit Value: .5 per semester/Fine Arts

Course Description: This class is designed to allow students the opportunity to work on dance techniques, physical training, choreography, and dance routines. All dancers and parents must sign and follow the rules, contract and handbook. Dancers attend and perform at football and basketball games, outside activities and competitions. They may be required to practice on non-class days, before school and specially called times; attendance is mandatory. This class may or may not receive fine arts credits toward graduation on a year to year basis.

HIGH SCHOOL BAND

Semester: 2

Grades: 10-12

Prerequisite: Director Approval

Credit Value: .5 per semester/Fine Arts

Course Description: This course is available to all 10th-12th grade students who have the approval of the high school directors. High school band will be scheduled to meet daily during first hour. The Marching Band will include all students enrolled in Band and will meet at 7:00 a.m. daily during football season. Summer rehearsals and additional rehearsals during the school year will be scheduled as necessary by the director. Attendance at public performances and all rehearsals will be required of all of the students enrolled. The Wind Symphony is open to all wind and percussion students in grades 9-12. Membership in the group is selected through auditions held in November. The Symphonic Band is open to all wind and percussion students in grades 9-12. Wind Symphony and Symphonic

Band rehearsals may begin as early as 7:00 a.m. Students will be exposed to a variety of musical styles and genres. In addition to the full ensemble experience, students will have opportunities to perform with chamber groups (required for Wind Ensemble), in solo competition, and audition for All-Region level and All-State level ensembles. **Enrollment is by permission only and is two semesters unless special arrangements are made with the director.**

JAZZ ENSEMBLE – HIGH SHCOOL

Semester: 2

Grades: 10-12

Prerequisite: Band Director Approval

Credit Value: .5 per semester/Fine Arts

Course Description: Jazz Ensemble is available to all 10th-12th grade students who are regularly enrolled in concert band and have the approval of the directors. Students will perform for the community and at school events and will represent their school in appropriate contests and festivals. Attendance at public performances will be required of all students enrolled.

MUSIC THEATRE CLASS

Semester: 2

Grades: 10 - 12 Girls and Boys

Prerequisite: Audition and Director's signature

Credit Value: .5 per semester/Fine Arts

Course Description: This course is a presentation of literature from the musical theatre including operetta, revues, and musical comedy with emphasis on vocal and movement skills. The student will prepare and rehearse a musical theatre production; present a musical theatre production as part of the cast or technical crew; memorize a musical theatre role; and prepare vocal and/or dance performances.

SYNCOPIATION (ADVANCED JAZZ CHOIR)

Semester: 2

Grades: 10-12 (Boys and Girls)

Prerequisite: Audition only

Credit Value: .5 per semester/Fine Arts

Course Description: This class is for male and female singers by audition only. Syncopation will consist of 16 singers. The ensemble will perform at special events and contests. Students will study a wide variety of musical styles from jazz to show tunes. Advanced sight-singing skills will be required. There will be many required performances.

WOMEN'S CHOIR

Semester: 2

Grades: 10 - 12 Girls

Prerequisite: Audition Only and Director's signature

Credit Value: .5 per semester/Fine Arts

Course Description: Students must audition to enroll in this class. It is a very active and well-known group that performs at many special events, as well as several

contests. Students will study choral music of different periods and styles. Voice improvement and musical hearing will be stressed. Music reading skills are studied in every class.

PHYSICAL EDUCATION & ATHLETIC DEPARTMENT

ADVANCED WEIGHT CONDITIONING

Semester: 2

Grades: 10-12

Prerequisite: Must be enrolled in Athletics

Credit Value: .5 per semester/Elective

Course Description: This class is designed for those students who are involved with competitive athletics. Strength and Conditioning includes a wide variety of exercises, lifts, and techniques designed to maximize one's overall total fitness, strength, and agility. Throughout the course, the athletes will gain a better understanding of the human musculature, and how to target specific areas that will enable them to reach personal goals. Finally, this course will enable athletes to benefit from sport specific movements allowing each student more functional strength for the sport they compete in.

ATHLETIC TRAINING

Semester: 2

Grades: 10-12

Prerequisite:

Credit Value: .5 per semester/Elective

Course Description: The expectations of a student athletic trainer include the care of athletic injuries and maintenance of our athletic training facilities. Student athletic trainers must be present at all practices and games. This includes weekdays, weekends, and some holidays and breaks. Students are to act in a professional manner and are expected to maintain a satisfactory grade point average. You are a positive reflection of yourself, your school, your community, and Sapulpa Sports Medicine. Student Athletic Trainers are required to obtain certification in First Aid/CPR/AED training prior to the beginning of the school year.

ATHLETICS – HIGH SCHOOL

The following sports will be 1-2 semester courses per coach request. The coach in charge of the following sports must give special permission. Some sports require transportation before or after practice.

Semester: 1 and/or 2

Grades: 10-12

Credit Value: .5 per semester/Elective

Prerequisite: The following must be completed before a student is able to participate in the sport: Physical, Drug Test, and the following online forms filled out: Emergency Information, Insurance and Transportation Release, OSSAA

Eligibility form, Athletic Participant Form, Drug Testing Consent, Concussion and Impact Acknowledgement, Sudden Cardiac Arrest Acknowledgement.

Course Offerings:

Soccer – Girls and Boys
Basketball – Girls and Boys
Tennis – Girls and Boys
Track – Girls and Boys
Cross Country – Girls and Boys
Golf – Girls and Boys
Softball – Fast and Slow Pitch
Volleyball - Girls
Baseball
Football
Wrestling
Cheerleading
Swimming

PHYSICAL EDUCATION

Semester: 2

Grades: 10-12

Prerequisite:

Credit Value: .5 per semester/Elective

Course Description: P.E. will teach basic skills in certain individual and team sports and include leisure skills. Importance is placed on physical fitness, flexibility, and cooperation. Students are required to dress out and participate in all activities. **Note: Concurrent enrollment in athletics and P.E. is not permitted.**

SCIENCE DEPARTMENT

ANATOMY AND HUMAN PHYSIOLOGY

Semester: 2

Grades: 11-12

Prerequisite: Grade of C or better in Biology

Credit Value: .5 per semester/Science

Course Description: This is a comprehensive study of the structure and function of human body systems. This course compliments preparation for careers in a health-related field. The course relies heavily on memorization and analytical skills. Students will complete one animal dissection. Students must have completed two semesters of Biology 1.

AP BIOLOGY

Semester: 2

Grades: 10-12

Prerequisite: Grade of B or better in Algebra I and Pre-AP Chemistry or concurrently enrolled

Credit Value: .5 per semester/Science

Course Description: This Advanced Placement course is an elective honors course based on the National AP Biology Curriculum. It will give students the opportunity to take a

college-level course while still in high school. College credit is granted to individual students by colleges after successful completion of the AP exam given nationwide in May. The course work, which is both challenging and stimulating, **requires a serious commitment on the part of the student.** Sophomores may take this course only if they are concurrently enrolled in Pre-AP Chemistry I. Lab work is similar and equivalent to that used in college Biology courses.

AP CHEMISTRY

Semester: 2

Grades: 11-12

Prerequisite: Grade of B or better in Pre-AP Chemistry and Algebra II or concurrently enrolled

Credit Value: .5 per semester/Science

Course Description: This is a challenging course that will incorporate advanced math skills and prior knowledge from the Pre-AP Chemistry coursework. Students will be learning about formation of various compounds, acids and base properties, equilibrium, electrochemistry, thermo chemistry and other fundamentals of chemistry. The course will be equivalent to a freshman year college chemistry class. Students will need to have very good study skills, work ethic and must be able to be willing to do work outside of classroom time to obtain a high grade in this class.

AP ENVIRONMENTAL SCIENCE

Semester: 2

Grades: 11-12

Prerequisite: Biology and Pre-AP Chemistry or concurrently enrolled

Credit Value: .5 per semester/Science

Course Description: This is a college level course. The goal of AP Environmental Science is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving and/or preventing them. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study.

AP PHYSICS

Semester: 2

Grades: 12

Prerequisite: Physics or Pre-AP Physics strongly recommended, Algebra II completed or concurrently enrolled with physics instructor approval, recommendation from math instructor prior to enrollment

Credit Value: .5 per semester/Science

Course Description: AP Physics I includes topics in classical

physics leading up to the 20th Century. Knowledge of algebra and basic trigonometry is required. Basic ideas of calculus may be introduced in connection with physical concepts such as acceleration and work, and will be taught in this class. They are not required but they are helpful. Understanding of the basic principles involved and the ability to apply these principals in the solution of problems are the major goals of this course. Proper use of a lab notebook will be part of the instruction, scoring well on the AP exam and having a well-kept lab notebook will make you eligible for credit in college-level physics I.

This is a solid course for student interest in pursuing science, mathematics, or engineering disciplines in college. Projects will be done periodically as well as regular laboratories in addition to the class work. This is equivalent to a college level physics course, and should be taken for those interested in earning college credit.

BIOLOGY

Semester: 2

Grades: 10

Prerequisite: None

Credit Value: .5 per semester/Science

Course Description: This course introduces the student to the fundamentals and unifying concepts of biology. The development of study skills and laboratory techniques are emphasized throughout the course culminating in the administration of an End-of-Instruction exam.

CHEMISTRY

Semester: 2

Grades: 11-12

Prerequisite: Biology and Algebra I

Credit Value: .5 per semester/Science

Course Description: Chemistry is the science concerned with the composition, structure, and properties of matter, as well as the changes it undergoes during chemical reactions. Semester "A" topics include: matter, measurements including dimensional analysis, matter, atoms, periodic table, electron configurations, nomenclature, chemical equations and reactions. Semester "B" topics include: the mole, stoichiometry, gases, solutions, acids and bases and organic chemistry. First rate Algebra skills are a must for Chemistry as math is used to help explain many chemistry concepts.

ENVIRONMENTAL SCIENCE

Semester: 2

Grades: 12

Prerequisite: Grade of C or better in Biology

Credit Value: .5 per semester/Science

Course Description: Environmental Science is the study of the environment and the biotic interactions within the environment.

Geology

Semester: 2

Grades: 11-12

Prerequisite: Algebra I

Credit Value: .5 per semester/Elective

Course Description: Physical geology is an introduction to the study of scientific composition and dynamics of the earth from the atomic scale of minerals to the global scale of plate tectonics. The composition, structure, and dynamics of the layered earth include a short introduction to minerals, rocks, weathering, erosion, earthquakes, volcanoes, landslides, faults, interior processes, plate tectonics, and earth resources. Emphasis is placed on how the geologic environment affects humans and how humans affect the environment. The student will study the processes forming surfaces landforms and be able to recognize landscapes characteristic of water, ice, and wind erosion.

PHYSICS

Semester: 2

Grades: 10-12

Prerequisite: Grade of B or better in Algebra I and/or Geometry, completion of Algebra II or currently enrolled. Successful completion of a physical science course or chemistry course with a "C" or better is mandatory.

Credit Value: .5 per semester/Science

Course Description: Good math skills are a must for Physics. This is a non-honors course that teaches the fundamentals of physical sciences. Classical physics involves the study of the nature of the universe such as gravity, matter, forces, and energy as well as the math behind it. Specific topics include motion, vectors, forces, energy, work, heat, waves, and electricity. Other topics that support the out-of-class projects included basic fluid dynamics (such as how airplanes actually fly), light an optics and electromagnetic waves.

This course will build stronger math skills and prepare students for future science courses, such as AP Physics, Chemistry/ Pre-AP chemistry, or college level science courses.

Homework will be assigned routinely. Projects in this class will include building and launching model rockets, building a working siege engine to launch tennis balls (a catapult or trebuchet), building a working microscope, and constructing a hovercraft that will be ridden as part of the assignment.

PRE-AP BIOLOGY

Semester: 2

Grades: 9-10

Prerequisite: None, concurrent enrollment in Geometry is recommended

Credit Value: .5 per semester/Science

Course Description: This course is for the student who is preparing to take upper-level honors science courses. The development of study skills and laboratory techniques are emphasized throughout the course culminating in the administration of an End-of-Instruction exam. This course will be offered to students who believe they are college bound or want to pursue honors or Advanced Placement (AP) courses in the future. This course replaces Biology I.

PRE-AP CHEMISTRY

Semester: 2

Grades: 10-12

Prerequisite: Grade of B or better in Biology and Algebra I

Credit Value: .5 per semester/Science

Course Description: Chemistry is the science concerned with the composition, structure, and properties of matter, as well as the changes it undergoes during chemical reactions. Semester "A" topics include: metric measurements including dimensional analysis, matter, atoms, periodic table, electron configurations, bonding, nomenclature, chemical equations and reactions and the mole. Semester "B" topics include: stoichiometry, energy and heat, gases, solutions, equilibrium, acids and bases, electrochemistry and organic chemistry. Notice that the pacing for Honors Chemistry is faster than Chemistry. First rate Algebra skills are a must for Chemistry as math is used to help explain many chemistry concepts.

PRE-AP ENVIRONMENTAL SCIENCE

Semester: 2

Grades: 11-12

Prerequisite: Biology and Pre-AP Chemistry or concurrently enrolled

Credit Value: .5 per semester/Science

Course Description: The Pre AP Environmental Science course will follow the same topics as AP, but will review and teach prerequisite skills necessary for this subject. It will follow the same course outline with an emphasis on study skills, lab and field study techniques as well as current Environmental Issues. This class will provide additional time for required labs and topic discussion in preparation for the AP class and AP exam.

PRE-AP PHYSICS

Semester: 2

Grades: 11-12

Prerequisite: Algebra II completed or concurrently enrolled with physic instructor approval, recommendation from

math instructor prior to enrollment

Credit Value: .5 per semester/Science

Course Description: This is an honors-level course taught as a mathematical approach to the laws of science. Juniors may enroll in this course only if they concurrently enroll in Pre-AP Calculus. Special units on motion include rocket cars, ping-pong launchers, building a hovercraft and other projects.

SOCIAL STUDIES DEPARTMENT

AP GOVERNMENT AND POLITICS

Semester: 2

Grades: 12

Prerequisite: None

Credit Value: .5 per semester/Social Studies

Course Description: The AP course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Students successfully completing this course will:

1. Know important facts, concepts, and theories pertaining to U.S. government and politics.
2. Understand typical patterns of political processes and behavior and their consequences (including the components of political behavior, the principles used to explain or justify various government structures and procedures, and the political effects of these structures and procedures.)
3. Be able to analyze and interpret basic data relevant to U.S. government and politics (including data presented in charts, tables, and other formats.)
4. Be able to critically analyze relevant theories and concepts, apply them appropriately, and develop their connections across the curriculum.

AP MODERN EUROPEAN HISTORY

Semester: 2

Grades: 11-12

Prerequisite: None

Credit Value: .5 per semester/Social Studies

Course Description: This course is intended to prepare the student for college courses and the Advanced Placement exam. It requires a good deal of reading and writing. Special outside readings, including important novels or philosophical works of the era, are required twice each semester.

The historical works from 1st semester include "The Prince" by Machiavelli and "Candide" by Voltaire. Second semester begins with "The Communist Manifesto" by Marx and Engels and finishes with either "Animal Farm" or "1984" by George Orwell.

Semester A begins with the late Middle ages, Renaissance and ends with the Napoleonic Wars. Second Semester runs from the 19th Century through the 20th Century Cold War and European Union. These studies will include the art, literature, philosophy and political movements of the particular eras.

AP style writing will be emphasized. Essay tests, document based writings and assignments using primary sources are common.

There will be study sessions starting in late March and April as a test prep for the AP exam.

There is a suggested summer reading of a text called "A World Lit Only by Fire" written by historian William Manchester. It sets much of the background of the 1st semester.

AP UNITED STATES HISTORY

Semester: 2

Grades: 11

Prerequisite: None

Credit Value: .5 per semester/Social Studies

Course Description: This course in United States History is designed to provide students with analytical skills and enduring understanding necessary to deal critically with problem and material in United States history. The course is a survey of the nation's history from 1492 to the present using a college-level textbook. Students are also required to write college-level essays, read and interpret materials and participate in class discussion in preparation for the AP exam.

CURRENT EVENTS

Semester: 2

Grades: 10-12

Prerequisite: Teacher approval and application required

Credit Value: .5 per semester/Elective

Course Description: Students in this course will gain an understanding of current issues in many areas of a political, social, and economic nature. The course emphasizes research done by the student since the topics chosen are very fluid in their nature, meaning that the topics and the amount of coverage on the topics will fluctuate on any given day, week, or month depending on topics current in the media.

GOVERNMENT

Semester: 1

Grades: 12

Prerequisite: None

Credit Value: .5 per semester/Social Studies

Course Description: This course will explore the philosophy and evolution of government, including comparative systems. The course will focus on the workings of the U.S. government, the U.S. Constitution, the three branches of government, and personal rights.

OKLAHOMA HISTORY

Semester: 1

Grades:

Prerequisite: None

Credit Value: .5 per semester/Social Studies

Course Description: Oklahoma History is a one Semester course covering twelve units of study. This course meets the Oklahoma State Standards.

PRE-AP WORLD HISTORY

Semester: 2

Grades: 10

Prerequisite: None

Credit Value: .5 per semester/Social Studies

Course Description: Students will be expected to take essay tests, do outside reading, and complete group and individual research assignments at a minimum of one major project twice each semester, using appropriate documentation and a variety of sources.

Pre-AP level work is intended to develop skills important to the college-bound student. AP style writing and use of primary sources in study will be emphasized. Pre-AP World History will explore early human development, culture, religions, philosophy and evolution of civilization.

The course begins with the study of pre-history and then spans the ancient civilizations of Africa, Asia, Europe, and the Americas. First semester begins with human origin and includes ancient civilizations of the middle east, Egypt, Africa, China, India and Japan. Second semester includes Western History beginning with the Greeks Romans, the Middle ages the European Renaissance and ancient

America. Both Common Core and AP level writing and analysis are used in this Pre-AP course.

UNITED STATES HISTORY

Semester: 2

Grades: 11

Prerequisite: None

Credit Value: .5 per semester/Social Studies

Course Description: This course will cover elements of the transformation of the American nation, 1878 to the present. Students will develop social studies literacy and writing skills. The first semester will focus on topics ranging from the Post-Reconstruction era to the 1920s. Second semester will include topics ranging from the Great Depression to present day. This course is a requirement for H.S. graduation and there will be an End of Instruction exam.

WORLD HISTORY

Semester: 2

Grades: 10

Prerequisite: None

Credit Value: .5 per semester/Social Studies

Course Description: World History will explore the development of early humans, cultures, religions, and civilizations. It will focus on specific cultures in order to identify certain historical trends and characteristics common to all cultures.

The course begins with the study of pre-history and spans the ancient civilizations of Africa, Asia, Europe, and the Americas. Modern day impact of these ancient civilizations is noted during the study. Semester A begins with human origin and includes ancient civilizations of the eastern hemisphere, along with Africa. Semester B includes Western History beginning with the Greeks through the Renaissance and early America. Students are expected use Common Core skills in writing and reading.

SPEECH DEPARTMENT

DRAMA I

Semester: 2

Grades: 10-12

Prerequisite: None

Credit Value: .5 per semester/Fine Arts

Course Description: Drama 1 is designed to introduce the student to basic acting techniques. Emphasis will be placed on writing scripts, developing characters, and performing.

DRAMA 2

Semester: 2

Grades: 10-12

Prerequisite: Drama I

Credit Value: .5 per semester/Fine Arts

Course Description: Drama 2 is designed to build on the fundamentals learned in Drama 1. The student will be exposed to a wide variety of dramatic and humorous literature. Performance from different genres will be stressed in this class.

DRAMA 3

Semester: 2

Grades: 10-12

Prerequisite: Drama 2

Credit Value: .5 per semester/Fine Arts

Course Description: Drama 3 is designed to build on the fundamentals learned in Drama 2. The student will be exposed to a wide variety of dramatic and humorous literature. Performance from different genres will be stressed in this class.

DRAMA 4

Semester: 2

Grades: 10-12

Prerequisite: Drama 3

Credit Value: .5 per semester/Fine Arts

Course Description: Drama 4 is designed to build on the fundamentals learned in Drama 3. The student will be exposed to a wide variety of dramatic and humorous literature. Performance from different genres will be stressed in this class.

COMPETITIVE SPEECH

Semester: 2

Grades: 10-12

Prerequisite: Teacher Approval

Credit Value: .5 per semester/Fine Arts

Course Description: Competitive Speech is designed to prepare the student for performing at speech contests. Students will learn and practice skills necessary for performing duet acting scenes, public speaking events, humorous/dramatic interpretation, monologue acting, original oratory, and extemporaneous speaking. A student enrolled in this course is not required to debate. Eligibility must be maintained and participation at speech tournaments is required.

DEBATE I, 2, 3 and 4

Semester: 2

Grades: 10-12

Prerequisite: Teacher Approval

Credit Value: .5 per semester/Elective

Course Description: Debate is designed to prepare the student to debate at contests. The student will have the opportunity to learn and practice researching, logical thinking, organizing and reasoning. The student will also participate in public speaking events and acting events at

contests. Eligibility must be maintained and participation at speech tournaments is required.

HONORS DEBATE 3 AND 4

Semester: 1 and /or 2 semesters

Grades: 11-12

Prerequisite: Teacher Approval

Credit Value: .5 per semester/Elective

Course Description: *Honors Debate builds off of skills learned in Debate 1 and 2. Students will mentor new debaters and continue to participate in debate tournaments as well as help host the Sapulpa tournament.*

PERFORMING ARTS/THEATER

Semester: 2

Grades: 10-12

Prerequisite: Teacher Approval

Credit Value: .5 per semester/Elective

Course Description: The purpose of this class is to give students experiences in producing and performing in one-act plays. First semester students will produce a play of the Oklahoma Regional One-Act Play contest. Second semester

students will produce a one-act play to present at the annual Oklahoma Thespian Festival.

SPEECH I

Semester: 1

Grades: 10-12

Prerequisite: None

Credit Value: .5 per semester/Fine Arts

Course Description: Speech I is designed to provide a foundation in the skills common to all forms of public speaking: selection of topics, organization of information, writing of speeches, and delivery of speeches.

SPEECH 2

Semester: 1

Grades: 10-12

Prerequisite: Speech I

Credit Value: .5 per semester/Fine Arts

Course Description: Speech 2 is designed to build on the fundamentals learned in Speech 1. Advanced forms of public speaking will be studied. The student will study different types of communication, persuasion, and group discussion.

CENTRAL TECHNOLOGY CENTER

OFFERINGS FOR JUNIORS AND SENIORS

For more information on each of the career paths, please visit www.centraltech.edu or your counselor.

Administrative Assistant Medical (Sapulpa Campus only)

Automotive Service Technology (Drumright Campus only)

Biomedical Sciences (Drumright Campus only)

Business and Information Technology (Drumright and Sapulpa)

Construction Trades (Drumright Campus only)

Cosmetology (Drumright Campus only)

Criminal Justice (Sapulpa Campus only)

Diesel Technology (Drumright campus only)

Digital Printing and Imaging Communications (Drumright Campus only)

Drafting Design (Drumright Campus only)

Electrical Trades (Drumright Campus only)

Graphic Design (Drumright Campus only)

Health Careers Certifications (Drumright and Sapulpa)

Interactive Multimedia (Drumright Campus only)

Mechatronics (Drumright Campus only)

Medical Assisting

Network Security and Administration (Drumright and Sapulpa)

Oklahoma School of Science and Mathematics (Drumright Campus only)

Pipeline Technology (Drumright Campus only) .

Power Sports Technology (Drumright Campus only)

Pre-Engineering (Drumright Campus only – open to sophomores, juniors and seniors)

Service Careers (Drumright Campus only – counselor recommendation only)

Welding/Fabrication Technology (Drumright and Sapulpa)