

A bronze statue of a Native American man, likely a Cheyenne, is shown in a thinking pose. He has a serious expression, with his hand resting on his chin. He is wearing a traditional headdress with a circular ornament. The statue is set against a red brick building with a window and decorative architectural elements.

ENID HIGH SCHOOL
REGISTRATION GUIDE
2009 - 2010

2009 – 2010
Enid High School
Registration Guide
Grades 9 - 12

INDEPENDENT SCHOOL DISTRICT # I-57

Shawn Hime
Superintendent

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ENID HIGH SCHOOL PRINCIPAL
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Dear Students and Parents:

It is my hope that you find this registration guide informative and useful in the selection of an academic schedule for next year. Enid High School has a very long and proud tradition of academic excellence.

Enid High School offers a curriculum that meets the many changes in graduation and college requirements. In cooperation with other educational institutions in Enid, Autry Career Technology Center and Northern Oklahoma Junior College, Enid High School offers a wide variety of classes via site-based studies, career tech opportunities, and university instruction. Every student who wants to be challenged will be challenged. Our highly qualified staff instructs students with intensity and expects positive returns. Students from Enid High School have consistently gone forward after graduation to rank high in their university studies.

Quality organizations, athletic teams, and performing arts groups offer the opportunity for students to receive a well rounded educational experience. Enid High School is proud of the many activities that add to our school's vitality.

Though this guide is designed to explain our courses and processes needed in order to enroll for next year, questions about the guide and enrollment are welcomed and expected. Please feel free to contact the counselor's office for assistance. It is our hope that each and every student enrolls in the courses that meet his or her needs, requirements, and expectations.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Beierschmitt". The signature is written in a cursive style with a large initial "J" and a stylized "B".

Jim Beierschmitt
Principal

klm

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The information provided in this book has been prepared to assist each student in developing a long term program of academic preparation and to aid in the selection of courses for the upcoming school year. A study of the course offerings reveals the diversity of the curriculum and the many options and alternatives that allow each student to individualize a course of study.

ACCREDITED HIGH SCHOOL COURSES TAKEN ON A COLLEGE CAMPUS DURING THE NON-SCHOOL YEAR

A maximum of two units of high school credit taken at an on-site college may be placed on a student's high school transcript. This applies only to courses that are not given college credit. The course(s) must be pre-approved by the principal and available to students that have completed their junior year with a 3.0 or above cumulative grade point average and a 19 ACT score in that subject area. The course(s) will not be utilized as a means for early graduation. The course(s) must be taken through an accredited institution recognized by the Oklahoma State Department of Education. At the completion of the course, the college shall submit a transcript issuing high school credit. The course will be recorded on the student's high school transcript using the board adopted grading scale for an elective credit.

ADVANCED PLACEMENT

The Advanced Placement Program (AP) is a cooperative educational endeavor of secondary schools, colleges and universities. Through AP courses, high school students engage in college-level study. By taking the AP exams, they demonstrate and confirm their mastery of particular subjects. An AP course often requires additional homework and summer readings; therefore, students should take this into consideration when enrolling in multiple AP courses. Filling out an AP application upon enrollment and taking the AP exam are requirements for each AP class. It is possible for students to earn college credit hours with a high score on the National Advanced Placement Test.

AUTRY TECHNICAL CENTER

Juniors and seniors may submit an enrollment application to be considered for enrollment at Autry Technology Center. Items that are considered for determining possible enrollment are high school grades, standardized test results, attendance and behavior records. An interview with a career counselor is also required to help determine suitability for program placement. Bus transportation is provided for both morning and afternoon classes. Qualifying students may receive college credit for Autry course work. In addition, many Autry courses meet the standards for OHLAP credit.

CLEP EXAMS

The College Level Examination Program (CLEP) examinations allow students who have acquired knowledge outside the university setting to show that they have learned college-level material so that they can bypass certain college courses. The CLEP exams cover material taught in introductory level courses at many colleges and universities. Students should check with the university they plan to attend concerning the number of hours and courses for which credit is given from CLEP exams. The CLEP exam can be taken on most college and university campuses. The test does not necessarily have to be taken at the campus you plan to attend as in a national exam.

CONCURRENT ENROLLMENT

Concurrent enrollment provides students an opportunity to gain college credit while completing their high school education. To assist school staff, students and parents, the State Department of Education has prepared a brochure to explain the procedures for enrollment in college courses while attending high school. Information is available in the guidance office of Enid High School. Students who choose to take concurrent enrollment must provide proof of enrollment before their Enid High schedule will be changed. Concurrent enrollment will be monitored throughout the semester. **A student who drops a concurrent course must enroll at Enid High School as a full time student.** Concurrent classes are offered on-site at Enid High School and at Northern Oklahoma College. Concurrent classes offered at Autry Technology Center and Northern Oklahoma College are listed at the back of this guide. Concurrent enrollment courses taken above the Standard Diploma will be granted one (1) unit of credit using the board adopted grading scale on the high school transcript grades and will be used in computation of GPA.

Admissions Requirements for Concurrent Enrollment (2009-2010)

College / University	High School Seniors	High School Juniors
University of Oklahoma	24 ACT or 1090 SAT <u>and</u> either a 3.0 GPA or top 50% class rank; <u>or</u> 3.0 GPA and top 25% class rank	25 ACT or 1130 SAT <u>or</u> 3.5 GPA
Oklahoma State University	24 ACT or 1090 SAT <u>or</u> 3.0 GPA and top 33% class rank	25 ACT or 1130 SAT <u>or</u> 3.5 GPA
Regional Universities	20 ACT or 940 SAT <u>or</u> 3.0 GPA and top 50% class rank	23 ACT or 1060 SAT <u>or</u> 3.5 GPA
Two-Year Colleges	19 ACT or 900 SAT <u>or</u> 3.0 GPA	21 ACT or 980 SAT <u>or</u> 3.5 GPA

CORRESPONDENCE COURSES

A maximum of two units earned via accredited correspondence courses may be counted toward graduation requirements. Correspondence courses shall be pre-approved by the principal and will be allowed only if a senior student has credit deficiencies for high school graduation. The course(s) must be taken through an accredited institution recognized by the Oklahoma State Department of Education and will be recorded on the student's high school transcript using the board adopted grading scale "

DUAL CREDIT

The term Dual Credit refers to an arrangement where students are enrolled in courses that count for both high school and college credit. To enroll in Dual Credit a student must meet established entrance requirements at Northern Oklahoma College as well as appropriate prerequisites for the recommended courses and comply with state mandated testing requirements. The following courses are Board approved for juniors and seniors to receive Dual Credit.

EHS	NOC
1. English IV.....	Freshman English I & II (Both English courses Composition I and Composition II must be successfully completed to meet PASS objectives for Senior English.)
2. Algebra III	College Algebra
3. Psychology.....	Psychology
4. Sociology	Sociology
5. Economics	Economics (Economics prerequisites: Students must have college Algebra or simultaneously be taking college Algebra)
6. U.S. History.....	U.S. History
7. Government	Government (U.S. History and Government only for senior students that need the requirement for EHS graduation.)

INTERNET-BASED INSTRUCTION

This method of instruction utilizes the World Wide Web and two-way interactive video to expand course offerings and access to instructional resources. If you are interested in this program, please see a counselor or an administrator.

OKLAHOMA HIGHER LEARNING ACCESS PROGRAM

The Oklahoma Higher Learning Access Program (OHLAP) is designed to provide access to post-secondary education opportunities for students with financial need who have demonstrated a commitment to academic success in high school. Information and applications for this program are available from the three middle schools and Enid High School. If you are interested in this program, please see a counselor or an administrator or contact 1-800-858-1840 or ohlapinfo@osrhe.edu.

PROFICIENCY TESTING REGULATIONS

Students in grades 1-12 demonstrating proficiency in the core curriculum areas at the 85% level shall be advanced to the next level of study in the appropriate grade level. The decision will take into consideration such factors as social, emotional, physical and mental growth. The school will confer with parents in making such promotion/acceleration decisions.

1. Upon written request of a student, parent, or guardian, a student will be given the opportunity to demonstrate proficiency in the Learner Outcomes for the core subject areas: English, Math, Reading, Social Studies, and Science.
2. Proficiency tests will be administered two times prior to the school year beginning. Designated dates will be posted at the Board of Education and through the local news media.

Grades 9-12

Students demonstrating proficiency in the core High School curriculum areas at the 85% level shall be able to count the unit toward meeting the requirements for the High School diploma.

- A. The test may be requested in writing (using district form) by student, parent, or guardian.
- B. Mastery level shall be a minimum of 85% for each test.
- C. Students who pass with 85% proficiency will advance to next grade level.
- D. Course grade will be recorded on the transcript using the Board adopted grading scale.
- E. Tests will be provided for the following courses.

<u>English</u>	English I * English II * English III English IV	<u>Science</u>	Physical Science Earth Science Life Science * Biology I Chemistry I Zoology Botany
<u>Foreign Language</u>	Spanish I Spanish II French I		
<u>Math</u>	General Math Pre-Algebra * Algebra I * Algebra II * Geometry	<u>Social Studies</u>	Oklahoma History/Civics * U.S. History World History Government World Geography

***End of instruction test required.**

SCHEDULE CHANGES/CLASS DROP POLICY

The Administration uses the information from the enrollment process to decide how many sections of each course will be offered. Once those decisions are made, teachers are assigned to each of those sections. Once assignments are made, the computer will attempt to balance classes based on student requests and teacher assignments. If unnecessary schedule changes are allowed, then classes become unbalanced, and large classes will not meet state law requirements.

Striving to eliminate the unnecessary schedule changes yet provide the opportunity for valid change requests, the following will be considered as justifiable reasons for change requests:

1. To correct enrollment keyboarding errors
2. To correct graduation deficiencies
3. To achieve a better class balance

4. To make necessary changes due to summer school attendance

SCHEDULE CHANGES/CLASS DROP POLICY (Continued)

5. To compensate for classes failed during the previous years
6. To enable students to meet requirements for post secondary school's admission guidelines
7. To provide for placement in special classes
8. To implement changes in I.E.P.'s

Your request must "fit" one of the aforementioned guidelines. Classes will not be "changed" or "dropped" after one week from the start of the first semester or one week from the start of second semester.

SEMESTER GRADUATION

Graduation at the semester is not recommended for seniors. The Administration and Guidance strongly recommend seniors complete their senior year and be involved in activities scheduled specifically for them. If a senior feels as though an exception should be made due to extenuating circumstances, the student should see his/her guidance counselor to obtain a semester graduation permission form. A request in writing signed by a parent or guardian must be submitted to the high school principal during the first two weeks of the school year. The request must indicate the reason(s) the senior must graduate at the semester. Schedule changes that overload classes will not be made to accommodate semester graduates. If an exception is made, the student must attend through the last day of the semester and take all semester tests.

VALEDICTORIAN AND SALUTATORIAN CRITERIA

The valedictorian award will be given to each student who makes a 4.0 GPA or above based on a seven semester scale and completes the honors graduate requirements. The students having the highest and second highest class rank will have the traditional duties of the valedictorian and salutatorian, that being the salutatory and valedictory address at the commencement ceremony. Should either or both students choose not to participate in the ceremony, then those duties would be administratively assigned with preference being given to the highest ranking students.

WEIGHTED GRADES

Enid High School has weighted grades. Weighted grades are a means to reward students for taking challenging courses. Advanced Placement courses are equivalent to college freshman level work; therefore, they carry more weight. Course descriptions will include weighted status.

Advanced Placement (AP) courses	A = 4.5 B = 3.5 C = 2.5 D = 1.5 F = 0
Enriched and Advanced Courses	A = 4.25 B = 3.25 C = 2.25 D = 1.25 F = 0
Dual Credit Courses/Concurrent Enrollment	A = 4.25 B = 3.25 C = 2.25 D = 1.25 F = 0

Concurrent Enrollment – Course description will include weighted status and shall be approved by the principal.
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Curricular Requirements for Admission to Oklahoma Colleges and Universities, 2009-2010

Subject	Units	Acceptable Courses	Comments
English	4	English/Language Arts (I, II, III, IV), American Literature, Classical Literature, English Literature, Introduction to Literature, Shakespeare, World Literature, AP English Language & Composition, AP English Literature & Composition	<ul style="list-style-type: none"> English courses must include an integrated writing component, demonstrate critical thinking skills, and fit into one of the categories of grammar, composition, or literature. Journalism, Speech, Reading, and English-as-a-Second-Language courses may not be used to fulfill this requirement.
Laboratory Science	2	Biology I, Chemistry, Physics, Physical Science, Biology II, Earth Science, Environmental Science, Anatomy and Physiology, AP Biology, AP Chemistry, AP Environmental Science, AP Physics (B or C), Principles of Technology, and Anatomy and Physiology taught at the Career Technology Centers	<ul style="list-style-type: none"> General Science courses with or without a lab may not be used to fulfill this requirement. All science courses must include a laboratory component and be taught at or above the rigor of Biology I. Effective Fall 2010, three units of laboratory science will be required.
Mathematics	3	Algebra I, Geometry, Algebra II, Algebra III, Calculus, Math Analysis, Pre-Calculus, Trigonometry, AP Calculus (AB or BC), AP Statistics	<ul style="list-style-type: none"> All mathematics courses must be taught at or above the rigor of Algebra I. Statistics/Probability, Computer Science, Intermediate Algebra, and Mathematics of Finance may not be used to meet this requirement.
History & Citizenship Skills	3	1 unit of U. S. History (required), and 2 units selected from: World History, Oklahoma History, U. S. Government, Economics, World Geography, African American History, Asian History, European History, Native American History, Political Science, Civics, AP Economics (Macro or Micro), AP European History, AP Government and Politics (Comparative or U.S.), AP Human Geography, AP U. S. History, AP World History	<ul style="list-style-type: none"> One-half unit (one semester) combinations or one full unit of any of the prescribed subjects may be used to fulfill this requirement. All students must have one unit of U. S. History. Courses in non-Western culture should teach students about a culture other than their own. Examples of courses that may not be used to fulfill this requirement include Anthropology, Psychology, Sociology, Aerospace Science, American Documents, Contemporary Social Issues, Introduction to Law, Military History, 20th-Century Legal Issues.
Other	3	<p>Select from any of the subjects listed above, or from Foreign/non-English Language courses or Computer Science/Technology courses.</p> <p>Acceptable courses in Foreign/non-English Language include any modern language course, American Sign Language, any Native American language course, Greek, Latin, or any AP language course.</p> <p>Computer Science/Technology courses must teach one or more of the following concepts: programming, hardware, business computer applications (word processing, databases, spreadsheets, and graphics).</p>	<ul style="list-style-type: none"> Keyboarding and other courses designed to teach typing skills may not be used to fulfill the Computer Science/Technology requirement. Computer Science/Technology courses must meet the Instructional Technology <i>Priority Academic Student Skills</i> at the advanced level. For a complete list of acceptable Computer Science/Technology courses, see the Regents for Higher Education Web site address provided below. Courses excluded from subject categories listed above are also excluded from the "Other" category.
Total	15		

Four additional units are **recommended** for college preparation: 1 unit of lab Science, 1 unit of Mathematics, and 2 units of Fine Arts (Music, Art, Drama, and Speech.)

COLLEGE ADMISSIONS REQUIREMENTS

University of Oklahoma

Option 1: ACT or SAT24 ACT or 1090 SAT and either a 3.0 GPA or top 50% class rank

Option 2: GPA and Class Rank.....3.0 GPA and top 25% class rank

Option 3: GPA in the State Regents
15 unit Core Curriculum.....3.0 GPA in Regents' core and +22 ACT or 1020 SAT

Oklahoma State University

Option 1: ACT or SAT24 ACT or 1090 SAT

Option 2: GPA and Class Rank.....3.0 GPA and top 33% class rank

Option 3: GPA in the State Regents
15 unit Core Curriculum3.0 GPA in Regents' core and +21 ACT or 980 SAT

Regional Universities

Option 1: ACT or SAT20 ACT or 940 SAT

Option 2: GPA and Class Rank.....2.7 GPA and top 50% class rank

Option 3: GPA in the State Regents
15 unit Core Curriculum2.7 GPA in Regents' core

Two-Year Colleges

Option 1: ACT or SATNo Minimum (19 is still required for regular classes)

Option 2: GPA and Class Rank.....No Minimum

Option 3: GPA in the State Regents
15 unit Core Curriculum(Does not apply)

Regional and Special Purpose Universities

Cameron University	Oklahoma Panhandle State University
East Central University	Southeastern Oklahoma State University
Langston University	Southwestern Oklahoma State University
Northeastern Oklahoma State University	University of Central Oklahoma
Northwestern Oklahoma State University	University of Science and Arts of Oklahoma

Two-Year Colleges

Carl Albert State College	Oklahoma State University, Okmulgee
Connors State College	Redlands Community College
Eastern Oklahoma State College	Rogers State College
Murray State College	Rose State College
Northeastern Oklahoma A&M College	Seminole Junior College
Northern Oklahoma College	Tulsa Junior College
Oklahoma City Community College	Western Oklahoma Junior College
Oklahoma State University, Oklahoma City	

Private universities may vary.

HONORS PROGRAM

The Honors Program objective is to encourage students to exceed the minimum requirements in their academic program and to recognize their efforts in that regard. The Honors Program recognizes those students who complete a rigorous academic program at Enid High School.

- Objectives:
1. To broaden the scope of the student's knowledge
 2. To recognize students who have achieved academically with over and above basic requirements
 3. To encourage increased enrollment in academic areas

Criteria: To be considered an honors graduate, these criteria must be met:

1. Students must have an overall grade-point average (GPA) of 3.25 (B average) as measured by the seven semester rank-in-class rating.
2. Students must have no semester grades of "D" or "F."
3. Students must complete the following courses:

- a. Four semesters of Advanced English.

One unit must be a 12th grade advanced English course.

Advanced English I (Two Semesters)
Advanced English II (Two Semesters)
Pre AP English III (Two Semesters)
Advanced English IV (Two Semesters)
AP English Literature and Composition (Two Semesters)
Shakespeare – (*Early & Late Plays* = Two Semesters)

- b. Two years of the same Foreign Language
- c. Algebra I plus three additional units of math from the following: Algebra II; Pre AP Algebra II; Algebra III; Geometry; Pre AP Geometry, Trigonometry; Pre-Calculus: Calculus; Pre AP Calculus; and any Advanced Placement Math Courses.
- d. Biology I and three additional units
- e. Four units of Social Studies:

Two Semesters must be from the following Social Studies Classes:

Any Advanced Social Studies (Two Semesters)
Any Advanced Placement (AP) Social Studies (Two Semesters)
Pre AP U.S. Government II
Political Science: The Citizen & The Constitution (Two Semesters)
Economics

Recognition: Honors graduates will be recognized in the following ways:

1. "Honors Graduate" added to the diploma and transcript
2. Graduation dress: Honors Tassel and Stole

A concurrent enrollment class (1000 level or above), Internet based classes and/or proficiency testing may count for Honors.

Dual Credit will count toward the Honors Program.

GRADUATION REQUIREMENTS FOR THE CLASSES OF 2010, 2011, 2012, & 2013

Twenty-five (25) units of credit are required to graduate from Enid High School. Five (5) units must be earned in the 9th grade. Each course equals one unit of credit if taken all year.

<p>Core Curriculum - State Graduation Requirements 70 O.S. § 11-103.6 - Units or sets of competencies</p> <p>4 Language Arts: 1 Grammar and Composition, and 3 which may include, but are not limited to: American Literature, English Literature, World Literature, Advanced English courses, or other English courses with content and/or rigor equal to or above grammar and composition.</p> <p>3 Science: 1 Biology I or Biology I taught in a contextual methodology, and 2 in the areas of life, physical, or earth science or technology which may include, but are not limited to the following courses: Chemistry I, Physics, Biology II, Chemistry II, Physical Science, Earth Science, Botany, Zoology, Physiology, Astronomy, Applied Biology/Chemistry, Applied Physics, Principles of Technology, qualified agricultural education courses including but not limited to Horticulture, Plant and Soil Science, Natural Resources and Environmental Science, and Animal Science), contextual science courses which enhance technology preparation whether taught at a (1) comprehensive high school, or (2) technology center school when taken in the eleventh or twelfth grade, taught by a certified teacher, and approved by the State Board of Education and the independent district board of education; science courses taught at a technology center school by a teacher certified in the secondary subject area when taken in the eleventh or twelfth grade upon approval of the State Board of Education and the independent district board of education; or other science courses with content and/or rigor equal to or above Biology I.</p> <p>3 Mathematics: 1 Algebra I or Algebra I taught in a contextual methodology, and 2 which may include, but are not limited to: Algebra II, Geometry or Geometry taught in a contextual methodology, Trigonometry, Math Analysis or Precalculus, Calculus, Statistics and/or Probability, Computer Science I, Computer Science II, Mathematics of Finance, Intermediate Algebra; contextual mathematics courses which enhance technology preparation whether taught at a (1) comprehensive high school or (2) technology center school when taken in the eleventh or twelfth grade, taught by a certified teacher, and approved by the State Board of Education and the independent district board of education; mathematics courses taught at a technology center school by a teacher certified in the secondary subject area when taken in the eleventh or twelfth grade upon approval of the State Board of Education and the independent district board of education; or other mathematics courses with content and/or rigor equal to or above Algebra I.</p> <p>3 Social Studies: 1 United States History, 1/2 to 1 United States Government, 1/2 Oklahoma History, and 1/2 to 1 which may include, but are not limited to: World History, Geography, Economics, Anthropology, or other social studies courses with content and/or rigor equal to or above United States History, United States Government, and Oklahoma History.</p> <p>2 Arts: 2 units which may include, but are not limited to, courses in Visual Arts and General Music.</p> <p>10 units - electives</p> <hr/> <p>25 TOTAL UNITS</p>	<p>College Preparatory/Work Ready Curriculum Senate Bill 1792 – Units or sets of competencies</p> <p>4 English: Grammar, Composition, Literature, or any English course approved for college admission requirements.</p> <p>3 Laboratory Science: limited to Biology, Chemistry, Physics, or any lab science course with content and/or rigor equal to or above Biology and approved for college admission requirements. <i>Note: Science courses above Biology I may be taught at a high school or technology center.</i></p> <p>3 Mathematics: limited to Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Calculus, Advanced Placement Statistics, or any math course with content and/or rigor above Algebra I and approved for college admission requirements. <i>Note: Math courses above Algebra I may be taught at a high school or technology center.</i></p> <p>3 Units History and Citizenship Skills including 1 unit of American History, 1/2 unit of Oklahoma History, 1/2 unit of U.S. Government and 1 unit from the subjects of History, Government, Geography, Economics, Civics, or Non-Western Culture and approved for college admission requirements;</p> <p>2 units of the same Foreign Language or non-English language or 2 units of Computer Technology approved for college admission requirements, whether taught at a high school or technology center school, including Computer Programming, Hardware, and Business Computer Applications such as Word Processing, Databases, Spreadsheets, and Graphics, excluding Keyboarding or Typing courses.</p> <p>1 additional unit selected from any of the above or career and technology education courses approved for college admission requirements.</p> <p>1 unit of Fine Arts, such as Music, Art, or Drama, or 1 unit of Speech.</p> <p>8 units - electives</p> <hr/> <p>25 TOTAL UNITS</p>
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To meet graduation requirements, local school district options may include, but shall not be limited to, courses taken by concurrent enrollment, dual credit, advanced placement or correspondence, or courses bearing different titles. School districts shall strongly encourage students to complete two units or sets of competencies of foreign languages as part of the core curriculum for high school graduation. Local school district requirements may exceed state graduation requirements.

AEROSPACE SCIENCE

AEROSPACE SCIENCE I - 2720-A - (Two Semesters)

PREREQUISITE: Ability to physically participate in drill and marching activities. U.S. Citizen.

CONTENT: The first year is an aviation history course designed to acquaint the student with the historical development of flight and the role of the military in history. Much of the curriculum is dedicated to leadership studies related directly to the academic subject matter, with instruction on good study habits and time management. Fitness/Wellness is an official part of the program. Fitness is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender. Wellness is instrumental in developing citizens of character dedicated to serving our nation and communities. Additionally, cadets wear the Air Force uniform once per week and must maintain proper grooming standards. Cadets must also attend two formal military functions (Military Ball and Dining-Out) annually. Cadets are expected to participate in unit esprit-de-corps activities to include 10 hours of community service, curriculum-in-action field trips, and fund raising.

AEROSPACE SCIENCE II – 2720-B - (Two Semesters)

PREREQUISITE: Aerospace Science I

CONTENT: The second year is an aviation science course designed to acquaint the student with the aerospace environment, the principles of flight and navigation, and human limitations of flight. Leadership studies stress communications skills and Cadet Corps activities. Written reports and briefings compliment academic materials. Cadet Corps activities include holding positions of greater responsibility in the planning and execution of Corps projects. Fitness/Wellness is an official part of the program. Fitness is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender. Wellness is instrumental in developing citizens of character dedicated to serving our nation and communities. Additionally, cadets wear the Air Force uniform once per week and must maintain proper grooming standards. Cadets must also attend two formal military functions (Military Ball and Dining-Out) annually. Cadets are expected to participate in unit esprit-de-corps activities to include 10 hours of community service, curriculum-in-action field trips, and fund raising.

AEROSPACE SCIENCE III – 2720-C – (Two Semesters)

PREREQUISITE: Aerospace Science I and II

CONTENT: The third year is an introduction to astronomy course designed to acquaint the student with the fundamentals of astronomy. It familiarizes the students with the cosmic landscape, the history of astronomy, the earth and the moon, components of the solar system, and the terrestrial and outer planets. Leadership education studies include holding positions of even greater responsibility designed to prepare the cadets to assume key staff leadership positions during their senior year as well as financial planning and how to save, invest, and spend money wisely. Fitness/Wellness is an official part of the program. Fitness is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender. Wellness is instrumental in developing citizens of character dedicated to serving our nation and communities. Additionally, cadets wear the Air Force uniform once per week and must maintain proper grooming standards. Cadets must also attend two formal military functions (Military Ball and Dining-Out) annually. Cadets are expected to participate in unit esprit-de-corps activities to include 10 hours of community service, curriculum-in-action field trips, and fund raising.

AEROSPACE SCIENCE IV – 2720-D – (Two Semesters)

PREREQUISITE: Aerospace Science I, II, and III

CONTENT: The fourth year is a science course which discusses the principles of propulsion systems, fundamentals of rocketry and its application to spacecraft, principles underlying space travel, and various aspects of space exploration. This year's materials are perhaps the most technical. Turbojet, turbofan, rocket, reciprocating engines, and a detailed examination of propulsion systems are explained. Rocketry and spacecraft portions cover rocket propulsion, guidance and control, and orbits. The space travel section further discusses the development, use, and future of artificial earth satellites and interplanetary probes. The cadets run the entire Corps during the fourth year. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice. All planning, organizing, coordinating, directing, controlling, and decision making will be done by the cadets. They practice their communication, decision making, personal interaction, managerial, and organizational skills. Fitness/Wellness is an official part of the program. Fitness is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender. Wellness is instrumental in developing citizens of character dedicated to serving our nation and communities. Additionally, cadets wear the Air Force uniform once per week and must maintain proper grooming standards. Cadets must also attend two formal military functions (Military Ball and Dining-Out) annually. Cadets are expected to participate in unit esprit-de-corps activities to include 10 hours of community service, curriculum-in-action field trips, and fund raising.

ART**ART I, INTRODUCTION TO ART - 2808 - (Two Semesters)**

CONTENT: The purpose of this course is to provide students with a hands-on study of the tools, media, and equipment used to create art. Various art styles will be explored, as they are used in the visual creative process. Units of study will include a variety of studio art projects, which will introduce students to the elements and principles of design.

ART APPRECIATION - 2817 - (One Semester)

CONTENT: This course is an elective offering for those who wish to fulfill the fine arts requirement in a non-studio setting. Students who wish to pursue careers in the arts are also encouraged to take this course. This course explores the basic elements and principles of design as seen in the fields of art and architecture. Students will learn to appreciate culture through art while recognizing the historical influence of art on society. Students will become more aware of the arts around us.

PRE AP ART – 2823AX - (Two Semesters) (Weighted)

CONTENT: This course is for dedicated students who are planning a career in the arts or who are planning to take AP Art in the future. Students will be encouraged to think independently and to improve their technical skills while incorporating the elements and principles of design into their work. Students will work in a variety of media on individual projects to create a portfolio. The portfolio may be used for college scholarship review.

DESIGN – 2833-A - (First Semester)**2833-B - (Second Semester)**

CONTENT: The design course provides students with both two and three dimensional design experiences. Creative thinking and deductive reasoning are incorporated into studio projects. These projects apply the elements and principles of design to daily life. Independent thinking is encouraged. Students may need to purchase special items to complete individual projects. It is recommended that students enroll for a full year. However, if a scheduling conflict arises, this course may be taken for only one semester.

DRAWING AND PAINTING - 2812 - (First Semester)**2813 - (Second Semester)**

CONTENT: This course provides the student an opportunity to explore drawing and painting in a variety of styles, techniques, and media. Students will gain a background in art history and art appreciation, while learning technical properties of color and design. Free hand drawing and painting will be taught along with figure drawing and painting from multiple perspectives. Landscape and still-life compositions may also be explored. Independent thinking is encouraged within a variety of individual projects. It is recommended that students enroll for a full year. However, if a scheduling conflict arises, this course may be taken for only one semester.

AP 3D DESIGN - 2839 - (Two Semesters) (Weighted) (H)

PREREQUISITE: Art 1

CONTENT: This extensive design course provides students with college level 3-dimensional design experiences. The body of works completed during the first quarter will emphasize converting 2D into 3D, while the body of works completed during the remaining portion of the school year will be based solely on the creation of 3-dimensional design, as studio projects within this course. These projects emphasize space and form while also applying all other elements and principles of design. Independent thinking is encouraged. Students may need to purchase special items to complete individual projects. A portfolio will be submitted for evaluation by the College Board, in order to receive possible college credit.

AP STUDIO ART 2D - 2838 – (Two Semesters) (Weighted) (H)

CONTENT: Work completed in this course should reflect first year college-level standards. Students will be expected to devote a significant amount of their own time to work in the art studio. Students will investigate creative as well as systematic approaches to formal and conceptual issues. Students will recognize that creating art is an ongoing process, which involves informed critical decision making. Students will be encouraged to think independently and to improve their technical skills, while incorporating the elements and principles of design into their work. Students will become more inventive while contributing to the development of their culture through art. A portfolio of art work shall be submitted for evaluation by the College Board in order to receive possible college credit.

AP STUDIO ART - DRAWING – 2815 - (Two Semesters) (Weighted) (H)

CONTENT: Drawings completed in this course should reflect first year college level standards. Students will recognize that creating art is an ongoing process which involves informed critical decision making. Students will be encouraged to think independently, improve their technical skills and incorporate the elements and principles of design into their work. Students will focus primarily upon improving their technical drawing skills, using a variety of media while applying multiple points of perspective to create interest. A portfolio of drawings will be submitted for evaluation by the College Board, in order to receive possible college credit.

BUSINESS

PRINCIPLES OF ACCOUNTING - (See Autry Tech) - This class will be taught at EHS by Autry Technology.

ACCOUNTING I – (See Autry Tech) - This class will be taught at EHS by Autry Technology.

BUSINESS LAW - 2406 - (One Semester)

CONTENT: This is an introductory course that provides a foundation to understand court structure, civil law, criminal law and business law.

FINANCIAL LITERACY - 1451 - (One Semester)

CONTENT: This is a very useful class to all students regardless of their career path. Topics covered in the class will include banking, credit cards, basic investing, loans, bankruptcy, identity fraud and theft, insurance, renting/buying a home, impact and consequences of gambling. This course meets the state requirements for Personal Financial Literacy.

INTRODUCTION TO ACCOUNTING – 2401-UX - (One Semester)

CONTENT: This class introduces students to the basics of accounting procedures. It is designed for students who are interested in accounting but may need a more simplified approach or for those who have room for only a one semester course in their schedule. Students will learn account classification, basic principles of double-entry bookkeeping, and preparation of simplified financial statements.

DECA

MARKETING EDUCATION/DECA I - 8336 - (Two Semesters)

CONTENT: This class is for juniors or seniors interested in pursuing a career in business, marketing and management. It is an excellent college preparatory class.

ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT/DECA II – 8353 - (Two Semesters)

CONTENT: This class is an advanced business class. It contains a start up guide for students interested in starting or operating a business. Such things as financing, market research, location, franchising, forms of business ownership, and other skills necessary to running a business will be covered. This would also be an excellent course for students planning to major in marketing and/or business administration in college.

INTRO TO FASHION AND DESIGN MARKETING - 8301 – (One Semester)

CONTENT: An introductory course that presents fundamental marketing concepts and functions applicable to the fashion design and merchandising industry. Students will discover the process of manufacturing, producing, and marketing the design. Students will explore career opportunities related to the fashion design and merchandising industry. Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization.

INTRO TO SPORTS MARKETING - 8316 – (One Semester)

CONTENT: This is an introductory course that presents the marketing concepts and functions applicable to the sports marketing industry. Instruction will include an orientation to the sports industry, trends in the industry, fundamental economic concepts, and human relations. Students will explore career opportunities. Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization.

DRIVER EDUCATION

DRIVER EDUCATION - 2710 - (First Semester) 2711 - (Second Semester)

PREREQUISITE: Students who meet the following criteria may enroll in First Semester Driver Education or Second Semester Drivers Education. Students may not enroll in both semesters. Course enrollment is limited. The oldest students are given priority. Students who turn 16 prior to January 1, 2009 enroll in the first semester Driver Education program. Students who turn 16 on January 1, 2009 and after may enroll in the second semester Driver Education program. Students in class must produce a legal birth certificate at the beginning of the course.

CONTENT: Students are instructed in the mechanics, statutes, and theories of operating a motor vehicle. This course is composed of thirty (30) hours classroom instruction, six (6) hours behind the wheel of school-owned training vehicle, and six (6) hours observation of another student's driving. This course meets all requirements mandated by the State of Oklahoma. *(A tuition based intersession course will be made available in the fall, spring and summer. For more information contact the EHS office)*

EDUCATION**A.C.T. REVIEW / ACCELERATED COLLEGE TRANSITION PLUS – 2740 – (One Semester)**

CONTENT: This Act Review course will contain a basic ACT review and will help students increase reading speed and comprehension. In addition the course will explore college required technology skills, resume building, scholarship searches and study skills. Multiple instructors will be utilized.

FAMILY AND CONSUMER SCIENCES

ADULT AND FAMILY LIVING S1 - 8610 - (One Semester) First Semester Only

CONTENT: Adult and Family Living is a comprehensive Family and Consumer Science course designed to help prepare students for their roles as adult homemakers and wage earners. Areas of instruction, activities, and practical application are in self-awareness, relationships, career planning, and management of resources. FCCLA membership is encouraged.

ADULT AND FAMILY LIVING S2 - 8611 - (One Semester) Second Semester Only

CONTENT: Adult and Family Living is a comprehensive Family and Consumer Sciences course designed to help prepare students for their roles as adult homemakers and wage earners. Areas of instruction, activities, and practical application are in family development, clothing management, nutrition, fitness and good health. Students are required to purchase materials for class projects. FCCLA membership is encouraged.

CAREER ORIENTATION - 8721 - (One Semester)

CONTENT: This course is designed to prepare students for their role upon entering the job market. Areas of instruction, activities, and practical application are in career portfolios, resumes, job application, interviewing, and dressing for success. Each of the 16 Career Clusters will be explored. Students will be encouraged to participate in job shadowing activities outside of the regular school day. FCCLA membership is encouraged.

CONSUMER EDUCATION - 8640 – (One Semester)

CONTENT: This course is designed to prepare students for their roles as adult consumers and wage earners. Areas of instruction, activities, and practical applications are in consumer practices involving purchasing of goods, advertising, and financial literacy. FCCLA membership is encouraged. This course meets the state requirements for Personal Financial Literacy.

FOOD SCIENCE AND PERSONAL NUTRITION - 8650 - (One Semester) (Offered alternate years)

CONTENT: This in-depth study is designed to increase knowledge and skills in nutrition, consumer food planning, purchasing, preparation, and preservation. Eating disorders and special diets are supplemental areas of study. Attention is also focused on employment in food-related occupations and developing social and entertainment skills. FCCLA membership is encouraged.

HOUSING AND HOME FURNISHINGS - 8660 - (One Semester)

CONTENT: The purpose of the Housing and Home Furnishings class is to increase knowledge and develop skills in living space and its design, home selection and home finance, housing exteriors and interiors, selection and purchase of furnishing, and employment opportunities in the area of housing and home furnishings. Membership in FCCLA is encouraged.

MARRIAGE AND FAMILY LIFE - 8670 - (One Semester)

CONTENT: This in-depth study is designed to provide knowledge of family life and factors that influence lifestyles and decisions. Attention is focused on marriage and life skills, life choices, parenthood, and family changes. FCCLA membership is encouraged.

PARENTING AND CHILD DEVELOPMENT - 8630 - (One Semester)

CONTENT: This in-depth study is designed to provide basic knowledge of child development as well as develop skills necessary to care for children. Attention is focused on importance of effective parenting, child health, first aid, nutrition, guiding children's behavior and meeting the needs of special age groups. Careers in childcare occupations are explored. FCCLA membership is encouraged.

PERSONAL CLOTHING MANAGEMENT - 8680 (One Semester)

CONTENT: A total clothing management course that develops planning, buying, and practical construction skills. Attention is focused on wardrobe planning, time and money saving techniques, clothing care and maintenance, altering ready-to-wear. Students will be required to purchase materials for a clothing project. FCCLA membership is encouraged.

FOREIGN LANGUAGE

In order to meet greater success, the Foreign Language Department strongly recommends that students enroll in language courses sequentially without a break of one year or more. Continuity and continuation in foreign language enrollment will facilitate easier transition to the next course and/or into college language courses.

CHINESE I - 3185 - (Two Semesters) (H) [Must obtain approval from counselor]

CONTENT: Students will develop a strong foundation in basic Chinese as they practice listening, reading, speaking, and writing the language. Students will read and write in both pinyin (Roman alphabet) and Hànzì (characters). Students will gain knowledge and an appreciation of Chinese culture. Students will be able to comprehend and produce vocabulary related to everyday objects and actions on an elementary level of proficiency.

CHINESE II - 3186 - (Two Semesters) (H)

PREREQUISITE: Chinese I

CONTENT: Students will continue to develop skills in basic Chinese as they practice listening, reading, speaking, and writing the language. Students will read and write in both pinyin (Roman alphabet) and Hànzì (characters). They will increase knowledge and develop further appreciation of Chinese culture. Students will be able to comprehend and produce vocabulary related to everyday objects and actions on an elementary level of proficiency.

FRENCH I - 3111 - (Two Semesters) (H)

CONTENT: Students will develop a strong foundation in basic French grammar as they practice listening, reading, speaking, and writing the language. They will also gain knowledge and appreciation of the culture of French-speaking countries. Students will be able to comprehend and produce vocabulary related to everyday objects and actions on an elementary level of proficiency.

FRENCH II - 3112 - (Two Semesters) (H)

PREREQUISITE: French I

CONTENT: Upon completion of French II, students will be able to express original ideas within controlled situations using a variety of sentence structures. Extending their study of grammar and vocabulary, students will develop increased proficiency in listening, speaking, reading and writing. Students will continue to study the culture of French-speaking countries.

FRENCH III - 3113 - (Two Semesters) (Weighted) (H)

PREREQUISITE: French II

CONTENT: Students will communicate on a variety of topics while expanding their communication, writing, listening, and reading skills. Students will be exposed to a more intense study of grammar while studying French literature reaching from the Middle Ages to the present. Students will make oral presentations on a variety of topics showing an understanding of the language and culture.

FRENCH IV - 3114 - (Two Semesters) (Weighted) (H)

PREREQUISITE: French III

CONTENT: Upon completion of the course, students will be able to engage in conversation, provide and obtain information, express feelings and exchange opinions on a variety of topics. Students will further develop their writing skills, give oral presentations, and exhibit an increased understanding of grammar and culture of French-speaking countries.

GERMAN I - 3121 - (Two Semesters) (H)

CONTENT: Students will develop a strong foundation in basic German as they practice listening, reading, speaking, and writing the language. They will also gain knowledge and appreciation of the culture of German-speaking countries. Students will be able to comprehend and produce vocabulary related to everyday objects and actions on an elementary level of proficiency.

GERMAN II - 3122 - (Two Semesters) (H)

PREREQUISITE: German I

CONTENT: Students will develop an increased proficiency in listening, speaking, reading, and writing. Upon completion of German II students will have extended their study of vocabulary with the addition of grammar in order to be able to express original oral and written ideas within controlled situations.

GERMAN III -3123 - (Two Semesters) (Weighted) (H)

PREREQUISITE: German II

CONTENT: Continued emphasis on language construction as needed in speaking and writing German. Upon completion of German III, students will be able to read basic stories and articles. Students will be able to express written and oral ideas and engage in short conversations using the present, past, and future tenses.

GERMAN IV - 3124 – (Two Semesters) (Weighted) (H)

PREREQUISITE: German III

CONTENT: At this advanced level of foreign language study, students will continue to develop reading, writing, and listening skills with emphasis on the spoken language. Upon completion of this course, students will be able to engage in conversation, provide and obtain information, express feelings and exchange opinions on a variety of topics. Students will further develop their writing skills, give oral presentations, and exhibit an increased understanding of grammar and culture of German speaking countries.

AP GERMAN - 3125 – (Two Semesters) (Weighted) (H)

PREREQUISITE: German III

CONTENT: At this advanced level of foreign language study, students will continue to develop reading, writing, and listening skills with emphasis on the spoken language. This is a rigorous curriculum with the opportunity to receive college credit by preparing for and successfully completing the AP German exam.

SPANISH I - 3161 - (Two Semesters) (H)

CONTENT: Students will develop a strong foundation in basic Spanish as they practice listening, reading, speaking, and writing the language. They will also gain knowledge and appreciation of the culture of Spanish-speaking countries. Students will be able to comprehend and produce vocabulary related to everyday objects and actions on an elementary level of proficiency.

SPANISH II - 3162 - (Two Semesters) (H)

PREREQUISITE: Spanish I

CONTENT: Students will develop an increased proficiency in listening, speaking, reading, and writing. Upon completion of Spanish II students will have extended their study of vocabulary with the addition of grammar in order to be able to express original oral and written ideas within controlled situations.

SPANISH III - 3163 - (Two Semesters) (Weighted) (H)

PREREQUISITE: Spanish II

CONTENT: Emphasis is on listening comprehension, grammar, composition, and culture. Upon completion of Spanish III, students will be able to express written and oral ideas and engage in short conversations about present, past, and future events.

TU MUNDO I – 3166-A - (Two Semesters) (H)

PREREQUISITE: High degree or understanding of conversational Spanish.

CONTENT: Tu Mundo I will address skills in listening, speaking, and reading, with emphasis on writing skills in the Spanish language. Spanish vocabulary, grammar, spelling, and composition will be developed.

TU MUNDO II – 3166-B - (Two Semesters) (H)

PREREQUISITE: Tu Mundo I

CONTENT: Tu Mundo II will develop additional listening, speaking and reading skills while placing emphasis on advanced writing skills in the Spanish language. The student will experience continued and extensive study in Spanish vocabulary, grammar, spelling, and composition.

SPANISH IV – 3164 - (Two Semesters) (Weighted) (H)

PREREQUISITE: Spanish III or Tu Mundo I or Tu Mundo II.

CONTENT: At this advanced level of foreign language study, students will continue to develop reading, writing, and listening skills with emphasis on the spoken language. Students will also study several Spanish and Latin American authors.

AP SPANISH - 3165 - (Two Semesters) (Weighted) (H)

PREREQUISITE: Completion of AP application. Spanish III or Spanish IV, Tu Mundo I, or Tu Mundo II.

CONTENT: At this advanced level of foreign language study, students will continue to develop their reading, writing, and listening skills with emphasis on the spoken language. Students will study several Spanish and Latin American authors. This is a rigorous curriculum with opportunity to receive college credit by preparing for and successfully completing the AP Spanish exam.

INDUSTRIAL ARTS / TECHNOLOGY ENGINEERING

TECH CONNECT: INTRODUCTION TO CABINETMAKING/WOODWORKING/TECH ENG. - 9022 - (One Semester)

PREREQUISITE: Students must be in grade 9 or grade 10

CONTENT: This course is designed to prepare students to transition into a Technology Center program and/or perform beginning-level cabinetmaking tasks under the supervision of an experienced cabinetmaker. Students receive instruction in framing, construction material, blueprint reading, and safety. Also included is instruction in site preparation, using power and hand tools, and applied mathematics

TECH CONNECT: INTRODUCTION TO CARPENTRY - 9021 - (One Semesters)

PREREQUISITE: Students must be in grade 9 or grade 10

CONTENT: The Introduction to Carpentry program is designed to prepare students to transition into a Technology Center program and/or perform beginning-level carpentry tasks under the supervision of an experienced carpenter. Students receive instruction in framing, construction material, blueprint reading, and safety. Also included is instruction in installing mechanical fixtures (electrical and plumbing fixtures), using power and hand tools, and applied mathematics.

TECH CONNECT: INTRODUCTION TO COMPUTER AIDED DRAFTING - 9151 - (One Semesters)

PREREQUISITE: Students must be in grade 9 or grade 10

CONTENT: This introduction to the CAD program (Mechanical) is designed to prepare students to transition into a Technology Center program and/or perform beginning-level Auto CAD tasks under the supervision of an experienced instructor. Students receive instruction in safety, basic drafting techniques, geometric construction, sketching, shape description, size description, drawing conventions, manufacturing processes, machine drafting, applied geometry, and technical illustration using both computer and manual drawing techniques.

TECH 2000 – 9022-A- (One Semester)

PREREQUISITE: Students must be in grade 9 or grade 10. Completion of Introduction of Computer Aided Drafting, Introduction to Cabinetmaking, and Introduction to Carpentry.

CONTENT: This course is the culmination of the students' previous three semesters of in-depth training in three introduction courses determined by his/her instructor and local administration. Students will be using the Career Aspects curriculum to guide them through the steps required to complete this portion of their training. This portion of the course allows the students to display the skills that they have previously learned. Upon completion of this section of the course, the student will be prepared to take their skills and apply them to comparable program(s) offered at the local technology center or other career tech program(s) offerings at their local high schools. **The key aspect of this portion of the two-year program is the hands-on/project based component that permits students to have an additional semester to experience the content area that they have the most interest in.**

WOODWORKING I - 3741 - (Two Semesters)

CONTENT: Woodworking I is an introductory course into the processes of combining hand tool operations with power machinery. This class will begin with students learning the correct use of hand tools to develop their skills in woodworking. Once these skills are practiced, then the students will move on to the power machines. The safe use and care of hand and machine tools are stressed.

WOODWORKING II - 3742 - (Two Semesters)

PREREQUISITE: Woodworking I

CONTENT: Woodworking II is a course designed to further a student's understanding of the woodworking industry and some of the aspects associated with it. A more in depth look at power equipment and its safe use and care will be covered in class. Hand tools will still be incorporated into class projects, as they are an important part of the student's learning of the woodworking processes. Students work to hone their skills with power tools to understand the importance the machines have in quickening the processes over hand tools. Other related materials such as painting, staining, and finishes will be covered.

LANGUAGE ARTS

ENGLISH I - 4045 - (Two Semesters)

CONTENT: This course utilizes information gained from the eighth grade state mandated tests to enhance students' English understanding utilizing areas of strength and improving areas of weakness. In literature study, short stories, poetry, drama, and the novel are presented. Grammar units are included in order to strengthen students' skills in the mechanics of writing. Students will also enrich writing skills through the study of vocabulary and word choice. Students will develop composition strategies through assigned paragraphs, essays, poetry, creative writing, and research. Students will use a variety of modes including expository, narrative, descriptive, and persuasive writing. Students participate in the Reading Counts program, an independent reading program that allows the students to choose reading material based on their own interests and reading levels. All PASS objectives serve as the curriculum guides for instruction.

ENGLISH II – 4048 - (Two Semesters)

CONTENT: Sentence structure, agreement problems, verb and pronoun usage, punctuation, and library skills will be reviewed. The four types of paragraphs will be studied thoroughly. Special emphasis will be given to the organization and structure of an essay. Vocabulary building and spelling, editing, and proofreading skills will be maintained. Applied communication skills will be included in the instruction. The coursework will assist the student develop and refine those job-related communication skills such as listening, speaking, and problem solving. Students will enhance their knowledge in literature, specifically, short story, drama, nonfiction, poetry, and the novel. Writing techniques, vocabulary, grammatical structure of the selections will be discussed. The Tragedy of Julius Caesar and Silas Marner (or a significant novel represented by the textbook) are studied. All skills required for successful completion of the sophomore assessment will be covered.

ENGLISH III - 4051 - (Two Semesters)

CONTENT: This course is required for juniors and covers the major literary movements and primary authors in American literature. It is an overview of our literature from Colonial histories to contemporary authors. *The Scarlet Letter*, *The Adventures Of Huckleberry Finn*, and *Our Town* are units of study. The composition component will cover continued vocabulary building, correct verb usage, verb tense, subordinate clauses, complex sentences, punctuation with concentration on special forms (brackets, parentheses, dashes, etc.). Required writing will include various types of paragraph writing, and research strategies. All skills required for successful completion of the junior assessment will be covered.

ENGLISH IV - 4054 - (Two Semesters)

CONTENT: This senior level English course is designed as a survey of British literature through a chronological and historical approach. The course also includes vocabulary building, research and a variety of writing modes and projects including the senior memory book.

ADVANCED ENGLISH I - 4046 - (Two Semesters) (Weighted)

CONTENT: Students' writing skills will be enhanced by the response students write to various genres of literature studied throughout the year. Creative problem solving, logical thinking, deductive and inductive reasoning, and synthesizing skills will be reinforced in thematic studies. Grammar and composition skills mastery will be evident through correct English usage in writing literary critiques about style, structure, and theme content, while analyzing/interpreting additional self-selected works. In addition, investigating different literary genre, practicing writing skills with narrative, expository, descriptive, and persuasive emphasis while honing grammar mechanics and usage skills, will be studied. All P.A.S.S. objectives serve as the curriculum guides for instruction.

ADVANCED ENGLISH II - 4049 - (Two Semesters) (Weighted) (H)

CONTENT: The student will exhibit a mastery in knowing how world literature influences and shapes the writings of specific countries. By doing extensive reading, he will recognize and understand the universality of individuals in their morals, aspirations, fears, and life experiences through the analysis of literature from multiple lands and periods of history. Both written and verbal interpretations will be given. Longer selections will include: *Gods, Heroes, And Men Of Ancient Greece; Silas Marner; Cry, The Beloved Country; Crime And Punishment*. Also, plays of Ibsen, Shakespeare, and others are read. Emphasis on composition (grammar, punctuation, library skills, and vocabulary) will be constantly emphasized. Knowledge of the types of writing will be strengthened. All students are required to take the End of Instruction Test for English.

PRE AP ENGLISH III - 4052 - (Two Semesters) (Weighted) (H)

CONTENT: This enriched English course is especially designed for the exceptional Language Arts student who can demonstrate the ability to think creatively by perceiving relationships, think of alternate outcomes, and produce logical solutions. This course reviews grammatical structure and usage, emphasizes vocabulary and critical writing techniques, covers public speaking skills, encourages group discussion, and develops problem-solving and decision-making skills. In addition to the American literature textbook, study is comprised of novels and plays. Authors include Hawthorne, Miller, Twain, Fitzgerald, Williams, Steinbeck, Wilder, and Hansberry. All skills required for successful completion of the junior assessment will be covered.

ADVANCED ENGLISH IV - 4055 - (Two Semesters) - (Weighted) (H)

CONTENT: For the college-bound student, Advanced English Literature and Composition features a chronological study of British literature as it grows out of historical events in English history. A variety of projects and essays are required based on the literature. All students study portions of *Beowulf, The Canterbury Tales, the Arthurian Legends*, associated British poetry and various works of Charles Dickens, Williams Shakespeare and J.R.R. Tolkien. Students are encouraged to do outside reading in the content area of the historical periods coinciding with the literature of the class. This class emphasizes creative thinking and personal responsibility in reading and discussion. Compositions will include paragraphs, essays, and other types of writing with emphasis on clear and critical thinking, proper use of grammar, mechanics, English usage, vocabulary, spelling, and syntax. Proofreading and editing skills will also be enhanced. Students will follow an assigned methodology for research, and they will follow the district prescribed procedure for writing. Students will be able to apply the skills learned in all areas of communication, in all classes, and in everyday living.

AP ENGLISH LITERATURE AND COMPOSITION - 4057 - (Two Semesters) (Weighted) (H)

CONTENT: The AP English course emphasizes college-level reading and writing. Students will study a variety of techniques to improve writing skills and increase vocabulary. Through a study of traditional British literature as well as contemporary multi-cultural novelists and poets, AP English students will also develop skills in critical reading analysis. Summer reading is a course requirement; students who pre-enroll will receive a summer reading list from the instructor. This course has been officially approved by College Board as fulfilling the curricular requirements described in the *AP English Course Description*.

CREATIVE WRITING - 4301 - (One Semester)

CONTENT: Creative writing is an elective course that offers students an opportunity to write in a wide variety of styles and mediums. Units on poetry and prose are explored allowing students to experiment and develop their own personal styles. The semester ends with students writing and presenting a children's book to an age appropriate audience. They are encouraged to submit their writing for publication in contests as well as in the school's anthology.

ELL I - 4063 - (Two Semesters)

CONTENT: This class is designed for 9th grade students. It provides reinforcement of the students' core curriculum classes while developing their writing, reading and understanding of the English language.

ELL II - 4063-A - (Two Semesters)

CONTENT: This class is designed for 10th grade students. It provides reinforcement of the students' core curriculum classes while developing their writing, reading and understanding of the English language.

ELL III - 4063-B - (Two Semesters)

CONTENT: This class is designed for 11th grade students. It provides reinforcement of the students' core curriculum classes while developing their writing, reading and understanding of the English language.

ELL IV – 4063-C - (Two Semesters)

CONTENT: This class is designed for 12th grade students. It provides reinforcement of the students' core curriculum classes while developing their writing, reading and understanding of the English language.

JOURNALISM I - 4111 - (Two Semesters)

CONTENT: This course is designed to introduce students to the instruments of mass media, including television, radio, newspaper, magazine and internet. Students will learn to express ideas in journalistic writing form, concentrating on the news story, the feature, the editorial and the sports story. Students will learn newspaper design by using desktop publishing software, allowing the students to create graphics to enhance their printed work. Students will develop an appreciation of the newspaper by reading a daily newspaper, keeping abreast of current news events, and learning the latest printing styles and techniques. Basic and digital photography techniques are learned, including taking pictures, developing negatives, making prints, scanning images, and editing photos in Photoshop.

JOURNALISM II - 4112 - (Two Semesters)

PREREQUISITE: Journalism I or equivalent class

CONTENT: This course encompasses the publishing of a newspaper. Students will serve in staff positions that require them to gather news from a regular beat, to research materials to obtain stories for publication, and to interview potential news sources. Students will learn responsibility for the printed work by meeting deadlines, planning layouts, editing and proofing copy ready for publication. Students will enhance their desktop publishing skills by preparing a monthly newspaper for distribution as well as doing special projects designed to highlight their ability to communicate their ideas to a variety of audiences for a variety of purposes. Students will work with advertisers as well as local newspaper staff members to learn to target specific audiences and create visual messages.

JOURNALISM III - 4113 - (Two Semesters)

PREREQUISITE: Journalism I or II or equivalent class.

CONTENT: The course encompasses the publishing of a newspaper in depth. Students are expected to perform in a leadership role as an editor or page designer. Students will continue to learn new techniques using desktop publishing software to produce and create ads for publication. Students will learn how to create a visual message that effectively communicates an idea by using research, surveys and software that enhance their images. Students will learn responsibility for the printed word by meeting deadlines, planning layouts, editing and proofing copy ready for publication. Students will continue to perfect their desktop publishing skills by preparing a monthly newspaper for distribution as well as doing special projects designed to highlight their ability to communicate their ideas to a variety of audiences for a variety of purposes.

SHAKESPEARE-EARLY PLAYS – 4056-A - (First Semester) (Weighted) (H)

PREREQUISITE: Students may take either or both of the two Shakespeare classes that are offered. The only prerequisite for either semester class is that students have a B grade average in English. The first semester class is NOT a prerequisite for the second semester class.

CONTENT: Plays studied are chosen from the following: *King Lear*; *Othello*; *Richard III*; *Much Ado About Nothing*; *Twelfth Night*; *The Comedy Of Errors*; *The Taming Of The Shrew*, and *A Midsummer Night's Dream*.

SHAKESPEARE-LATE PLAYS – 4056-B - (Second Semester) - (Weighted) (H)

PREREQUISITE: Students may take either or both of the two Shakespeare classes that are offered. The only prerequisite for either semester class is that students have a B grade average in English. The first semester class is NOT a prerequisite for the second semester class.

CONTENT: Plays studied are chosen from the following: *Hamlet*; *Anthony And Cleopatra*; *Henry IV--Part 1*; *The Tempest*; *Measure For Measure*; *As You Like It*; and *The Merchant Of Venice*.

MATHEMATICS**ALGEBRA I - 4411 - (Two Semesters)**

PREREQUISITE: Pre-Algebra

CONTENT: This course covers integers, solves equations, inequalities, linear systems and quadratic equations; works with radicals and rational expressions; and develops problem solving skills through real world applications. The course utilizes technology applications. All students are required to take the End of Instruction Test for Algebra I.

INTERMEDIATE ALGEBRA - 4418 - (Two Semesters)

PREREQUISITE: Contextual Geometry or Geometry

CONTENT: This course is an integrated course which reviews the principles of arithmetic, geometry and algebra. It covers integers, equations, inequalities, linear systems and quadratic systems, radicals, rational expressions, matrices, parametric graphing, polynomials, logarithms and probabilities. Students develop problem solving skills through real world applications. The course utilizes technology applications.

ALGEBRA II - 4412 - (Two Semesters) (H)

PREREQUISITE: Algebra I and Geometry

CONTENT: This is the third of three classes required for entrance into a state university. While including topics from Algebra I and Geometry, it extends them and develops conic, logarithmic, and exponential functions. This course utilizes computers and graphing calculator applications.

ALGEBRA III - 4413 - (Two Semesters)

PREREQUISITE: Algebra II

CONTENT: This course prepares college bound students for the typical entry level mathematics course. This class consists of a review of Algebra II, and a more in-depth study of equations, functions, the complex number system, conics, progressions, series, logarithms, and matrices.

PRE AP ALGEBRA II – 4412-A - (Two Semesters) (Weighted) (H)

PREREQUISITE: Algebra I and Geometry

CONTENT: This course covers both Algebra II and trigonometry, essentially, three semesters of work in two semesters.

PRE-CALCULUS – 4611-M - (One Semester) (Weighted) (H)

PREREQUISITE: Trigonometry

CONTENT: This course will include topics to further prepare the student for college mathematics. Topics include Cramer's and Gaussian method of solving systems of equations, development of the conic sections, logarithms, and the solution of higher degree equations. Students will be introduced to the concept of limits, derivatives and integrals.

CALCULUS – 4612-M – (Two Semesters) (Weighted) (H)

PREREQUISITE: Completion of Trigonometry and Pre-Calculus OR Pre AP Calculus (formerly Math Analysis)

CONTENT: This course includes a study of limits and the integration and differentiation of algebraic and trigonometric functions. Logarithmic and exponential functions and real world applications are covered. A graphical, algebraic and numerical approach is taken.

PRE-AP PRE-CALCULUS – 4612-A (Two Semesters) (Weighted) (H) Formerly Math Analysis

PREREQUISITE: Enriched Algebra 2

CONTENT: This course, formerly known as Math Analysis, utilizes all the topics studied in Algebra, Geometry, and Trigonometry to develop practical applications, conic sections, and the student's knowledge of 3-dimensional figures. The student uses the computer and graphing calculators to study graphs of all types of equations, polar as well as coordinate. Pre-AP Pre-Calculus is the bridge between Enriched Algebra 2 and AP Calculus by incorporating Trigonometric concepts and introducing Calculus topics.

AP CALCULUS – 4615-M - (Two Semesters) (Weighted) (H)

PREREQUISITE: Completion of Trigonometry and Pre-Calculus OR Pre AP Calculus (formerly Math Analysis)

CONTENT: The course includes a study of limits and the integration and differentiation of algebraic and trigonometric functions. Logarithmic and exponential functions and real world applications are covered. A graphical, algebraic, and numerical approach is taken.

CONTEXTUAL GEOMETRY - 4521 - (Two Semesters)

PREREQUISITE: Algebra I

This course is for students who have completed Algebra I with a grade of "C" or "D" and who need to continue to strengthen math skills before progressing to higher math or post high school careers/education.

CONTENT: This course includes plane, solid coordinate, and transformational geometry with emphasis on the development of logic and deductive reasoning skills as tools for problem solving. The course utilizes computer applications and mathematical modeling.

GEOMETRY - 4530 - (Two Semesters) (H)

PREREQUISITE: Algebra I

CONTENT: This course includes plane, solid, coordinate, and transformational geometry with emphasis on the development of logic and deductive reasoning skills as tools for problem solving. The course utilizes computer applications.

PRE-AP GEOMETRY – 4530-A - (Two Semesters) (Weighted)

PREREQUISITE: Enriched Algebra I or Algebra I

CONTENT: This course includes plane, solid, coordinate, and transformational geometry. Emphasis is placed on logic and deductive reasoning. Writing and presenting mathematical proofs are heavily stressed throughout this course, and are required. Since this is a pre-AP course, students will be challenged through the use of individual and group projects utilizing multiple mathematical skills and critical thinking. The course utilizes technology applications. All students are required to take the End of Instruction Test for Geometry.

MATHEMATICS OF FINANCE - 4770 - (Two Semesters)

PREREQUISITE: Algebra I

CONTENT: This course covers material on checking accounts, gross and net income, loans, savings, investing, auto purchase or lease, insurance, federal and state taxes, credit cards and charge accounts. The course is practical mathematics for the real world with an algebra base.

TRIGONOMETRY - 4750 - (One Semester) (Weighted) (H)

PREREQUISITE: Algebra II

CONTENT: This course uses Algebra and Geometry to see new applications of mathematics. Students prove trigonometric identities, and use computers and graphing calculators to study the graphs of the trigonometric functions. Students solve triangle using trig functions.

MUSIC

BAND GRADE 9 - 3001 - (Two Semesters)

CONTENT: This course is designed for fourth year band students to continue developing fundamental instrumental techniques. An emphasis will be placed on marching techniques, concert literature techniques, and the development of sight-reading skills. Students will be provided a variety of opportunities to perform through competitions and concerts. Students will be evaluated through various tests and requirements.

VARSITY BAND - 3004 - (Two Semesters)

CONTENT: The function of the instrumental music department is to provide students a musical experience. Students enrolled in High School Band participate in football pre-games and half time shows at all football games, marching contests, concerts, concert band contests, and parades. Also available to students in Band are other activities such as honor bands, brass choir, woodwind choir, percussion ensemble, and various other instrumental choirs and smaller groups. Students in band can also participate in Color Guard, Winter Guard, and Pep Band.

JAZZ ENSEMBLE GRADE 9 - 3022 - (Two Semesters)

PREREQUISITE: Must be presently in an instrumental or vocal music class.

CONTENT: This course will be offered to students enrolled in 9th grade band, orchestra, or vocal music. Students must have successfully completed 8th grade band or orchestra. An emphasis will be placed on fundamental jazz techniques, styles, and forms. Students will also learn basic improvisational and ear training skills. Students will be provided a variety of opportunities to perform through competitions and concerts. Membership is based on audition.

JAZZ ENSEMBLE I – 3022-A - (Two Semesters)

PREREQUISITE: Must be presently in an instrumental or vocal music class.

CONTENT: The Jazz Ensemble is a performing group that gives the student the opportunity to explore various styles of music. Membership is based on auditions.

JAZZ ENSEMBLE II – 3022-B - (Two Semesters)

PREREQUISITE: Must be currently enrolled in band, orchestra, or choir.

CONTENT: Performing group that gives the student the opportunity to explore various styles of music. Students are selected by audition.

MIXED CHORUS GRADE 9 - 3071 - (Two Semesters)

CONTENT: Membership in this course will provide the student with a musical experience; it will provide the student with an appreciation for music and fine arts. The student will be provided the opportunity through musical performance to gain self confidence and to find satisfaction in working toward a common goal as an individual and as a member of a group. The student will develop technical skills, discriminatory listening habits, and an understanding of musical theory.

WOMEN'S CHORUS GRADE 9 – 3071-A - (Two Semesters)

CONTENT: Audition is required for membership. Women's Chorus will provide the student the opportunity to perform more challenging literature not only in concert settings but also in many contest settings. Student must have had vocal or instrumental music at the junior high level.

MEN'S CHORUS GRADE 9 – 3071-B - (Two Semesters)

CONTENT: Audition is required for membership. Men's Chorus will provide the student the opportunity to perform more challenging literature not only in concert settings but also in many contest settings. Student must have had vocal or instrumental music at the junior high level.

CONCERT CHORUS GRADES 10 - 12 – 3072-A - (Two Semesters)

CONTENT: Audition is required for membership. Concert Chorus will provide the student with a musical experience; it will provide the student with an appreciation for music and fine arts. Membership in this ensemble will provide the student the opportunity to perform more challenging literature not only in concert settings but also in many contest settings. Student must have had vocal or instrumental music at the junior high level.

MIXED CHORUS - 3072 - (Two Semesters)

CONTENT: Membership in the Mixed Chorus will provide the student with a musical experience; it will provide the student with an appreciation for music and fine arts. The student will be provided the opportunity through musical performance to gain self confidence and to find satisfaction in working toward a common goal as an individual and as a member of a group. Students will also develop technical skills, discriminatory listening habits, and an understanding of musical theory.

SELECT CHORUS - 3073- (Two Semesters)

CONTENT: Select Chorus will provide the student the opportunity to perform more challenging literature not only in concert settings but also in many contest settings. Audition is required for membership. Also student must have had vocal or instrumental music as a sophomore.

SHOW CHOIR - 3083 - (Two Semesters)

CONTENT: The student through song and dance will be provided with a musical experience that will enhance his/her life aesthetically and morally. It will also provide students with an opportunity to develop cultural awareness and fine arts appreciation. Through musical performance the student will be provided with opportunities for success as an individual and as a group participant. Audition is required for membership. Student must have been in a 10th grade vocal or instrumental class.

MUSIC APPRECIATION - 3053 - (One Semester)

CONTENT: Elective offering for those wishing to fulfill the fine arts requirement in a non-studio setting. This course (taught by a music specialist) explores the basic elements and principles of music along with the appreciation of cultural and historical differences.

ORCHESTRA GRADE 9 - 3021 - (Two Semesters)

CONTENT: This course is designed for fourth year orchestra students to continue developing fundamental instrumental techniques. An emphasis will be placed on advanced techniques, concert literature techniques, and the development of sight-reading skills. Students will be provided a variety of opportunities to perform through competitions and concerts. Students will be evaluated through various tests and requirements.

VARSITY ORCHESTRA – 3021-A - (Two Semesters)

CONTENT: Orchestra is offered as an elective course to those students entering and having satisfactory orchestral experience at district junior high schools. Instruction is offered at various levels to satisfy requirements for those desiring to play for enjoyment, and those desiring technical mastery for collegiate orchestral playing with appropriate professional orchestral literature exposure. Emphasis is placed on technical mastery of skills. Regularly scheduled concerts, contests, and school performances, solo and ensemble contests, honor orchestras, and strolling strings are available for additional challenge. Must meet criteria for performance.

AP MUSIC THEORY – 3055 - (Two Semesters)

CONTENT: This course is designed to prepare students to take the Advanced Placement Music Theory test and to develop the student's ability to recognize, understand, and describe basic materials and processes of music. Students wishing to enroll must currently be enrolled in band, orchestra, or choir.

PHYSICAL EDUCATION, HEALTH, AND ATHLETICS**AEROBICS AND LIFETIME SPORTS – Semester 1 – 3312**

Semester 2 - 3313

CONTENT: Beginning/Intermediate level. Both low-impact and combination, low-moderate impact will be offered. Students will exercise daily to improve cardiovascular and muscular fitness levels. Class time will also be spent in learning lifetime sport activities including but not limited to volleyball, tennis, badminton, softball, and pickle ball. This class may be taken once each semester for credit.

ATHLETICS

PREREQUISITE: Must meet criteria for competition.

First Semester

3367 **Baseball**
 3369 **Basketball** - Boys
 3371 **Basketball** - Girls
 3333 **Cross Country** – Boys
 3335 **Cross Country** – Girls
 3337 **Football**
 3339 **Golf** – Boys
 3341 **Golf** – Girls
 3345 **Soccer** – Boys
 3347 **Soccer** – Girls
 3349 **Softball**
 3351 **Swimming** – Boys
 3353 **Swimming** – Girls
 3355 **Tennis** – Boys
 3357 **Tennis** – Girls
 3359 **Track** – Boys
 3361 **Track** – Girls
 3363 **Volleyball** - Girls
 3365 **Wrestling**

Second Semester

3368 **Baseball**
 3370 **Basketball** - Boys
 3372 **Basketball** - Girls
 3334 **Cross Country** – Boys
 3336 **Cross Country** – Girls
 3338 **Football**
 3340 **Golf** – Boys
 3342 **Golf** – Girls
 3346 **Soccer** – Boys
 3348 **Soccer** – Girls
 3350 **Softball**
 3352 **Swimming** – Boys
 3354 **Swimming** – Girls
 3356 **Tennis** – Boys
 3358 **Tennis** – Girls
 3360 **Track** – Boys
 3362 **Track** – Girls
 3364 **Volleyball** - Girls
 3366 **Wrestling**

ATHLETIC TRAINING - 3391 - (First Semester)

3392 - (Second Semester)

CONTENT: Students will work under the supervision of a Certified Athletic Trainer with different teams in the area of injury prevention, care, and treatment. They will be instructed in, but not limited to, preventative taping, wrapping, and bracing techniques, stretching, wound care, emergency management, splinting, ambulation, rehabilitation modalities, training room management, and day to day operations of an athletic team from a medical stand point.

BOYS HEALTH EDUCATION - 3310 - (One Semester)

CONTENT: This course is designed to assist students in making healthy choices, developing a healthy personality, understanding importance of proper nutrition, physical fitness, human development, substance abuse, and modern health issues.

CHEERLEADING - 3331 - (First Semester)

3332 - (Second Semester)

PREREQUISITE: Must meet criteria for competition.

CONTENT: Students will acquire knowledge of rules and skills of cheerleading and pom. Students will learn cheers, chants, and dance routines. All students will participate in a conditioning and strength building program. Physical fitness activities such as jumps, kicks, dance movements, motion technique, and tumbling will be part of the course throughout the year.

COOPERATIVE PHYSICAL EDUCATION – 3395 - (First Semester) 3396 (Second Semester)

CONTENT: This class is designed as a peer-tutor class, which will meet all PASS objectives. Cooperative physical education between students with disabilities and non-disabled students will be the focus of this class through cooperative games and activities. Sports skills will include but are not limited to bowling, basketball, bocce, volleyball, golf, soccer, swimming, track and field, power lifting, softball, tennis and archery. Basic physical fitness concepts will be addressed as well as wellness activities. Students will have an opportunity to participate in Special Olympics Unified Sports if they choose. Health concepts as they correspond with physical education will also be taught. This class will meet the physical education requirement.

FITNESS AND WEIGHT TRAINING - 3393 - (First Semester) 3394 - (Second Semester)

CONTENT: Students will develop the basic knowledge of the skills, techniques, and strategies for physical fitness. Activities include weight training, sports, body mechanics, and basic lifestyle fitness. This class will meet the PE requirement and may be taken once each semester for credit.

GIRLS HEALTH EDUCATION - 3311 - (One Semester)

CONTENT: This course is designed to assist students in making healthy choices, developing a healthy personality, understanding importance of proper nutrition, physical fitness, human development, substance abuse, and modern health issues.

POM - 3343 - (First Semester) 3344 - (Second Semester)

PREREQUISITE: Must meet criteria for competition.

CONTENT: Students will acquire knowledge of rules and skills of cheerleading and pom. Students will learn cheers, chants, and dance routines. All students will participate in a conditioning and strength building program. Physical fitness activities such as jumps, kicks, dance movements, motion technique, and tumbling will be part of the course throughout the year.

SCIENCE**ASTRONOMY - 5020 - (One Semester) (H)**

PREREQUISITE: Physical Science and Algebra I

CONTENT: Astronomy is designed to give the student an understanding of his/her place in the universe. This will be accomplished through the use of student made models, direct stellar observation using the observatory and student made telescopes, and computer activities. Areas of study include astronomical tools, solar system, star classification, stellar groupings, black holes, quasars, galaxies, cosmology, and related physical laws.

BIOLOGY I - 5031 - (Two Semesters) (H)

PREREQUISITE: Biology I is a required year long course.

CONTENT: The laboratory and the inquiry method are a part of all Biology courses offered at Enid High School. The course weaves together the function of all living things and the interrelationship of those organisms with their world. Biology presents an introduction to cell theory, microbiology, botany, zoology, ecology, anatomy, and physiology. All of this knowledge and understanding is offered with careful scrutiny to the interplay of hypothesis, theory, and observed facts. All students are required to take the End of Instruction Test for Biology.

BIOLOGY II - 5032 - (Two Semesters) (H)

PREREQUISITE: Biology I

CONTENT: Extensive field studies and laboratory investigations will be utilized to expand and supplement student understanding of biology. This two semester course will give students the opportunity to explore the fields of microbiology, forensics, zoology, ecology, and limnology (the study of fresh water ecosystems). Field and laboratory data will be analyzed via available computer programs and technologies. In addition to field work students will acquire problem solving skills related to forensics. Protocols related to analysis in differing fields will be used in order to solve a mystery.

PRE AP BIOLOGY – 5031-A - (Two Semesters) (Weighted) (H)

CONTENT: G/T Biology is a year long laboratory course that stresses scientific method, problem-solving, investigation-inquiry, models, research and group discussions. In addition to the topics covered in biology, biochemistry, cell metabolism, cell structure, cell reproduction, and genetics will be covered. A notebook will be required. All students are required to take the End of Instruction Test for Biology.

AP BIOLOGY – 5035-S - (Two Semesters) (Weighted) (H)

PREREQUISITE: Biology I and Chemistry

CONTENT: AP Biology is a rigorous year long course designed to provide students with the conceptual frame work, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Major areas of study will include molecules and cells, heredity and evolution, and organisms and populations. This course has a substantial laboratory component involving a minimum of specific laboratory exercises designed to encourage detailed observation, accurate recording, experimental design, manual manipulation, data interpretation, statistical analysis, operation of technical equipment, problem solving, and the techniques of research. A rigorous routine of outside reading will supplement and augment lecture, labs, and class activities and discussions. Students will be required to complete summer assignments.

BOTANY - 5040 - (One Semester) (H)

PREREQUISITE: Biology I

CONTENT: Botany is the study of plants. This includes plant reproduction, current and past plant taxonomy (classification), the evolution of the different plant phyla, and local plant identification. Also their anatomy and the functions of their tissue, cells, and organelles will be studied. Emphasis will often be made on ecology, including climate and biomes (life zones), as well as aspects of horticulture.

CHEMISTRY - 5051 - (Two Semesters) (H)

PREREQUISITE: Physical Science

CONTENT: Chemistry is a year long course that is designed to give the student an understanding of matter and it's changes. Science reasoning is emphasized through laboratory and computer activities. Areas of study include laboratory techniques, atomic theory, the periodic classification of the elements including study of each group of elements in the periodic table, writing and balancing chemical equations, chemical calculations, ionization, modern theories of acids and bases, thermo chemistry, and solutions.

PRE AP CHEMISTRY – 5051-A - (Two Semesters) (Weighted) (H)

PREREQUISITE: Algebra I (Physical Science is recommended.)

CONTENT: Chemistry is a year long laboratory course that stresses problem solving and exploration. To be successful students will be required to develop precise laboratory skills. Good math skills are required. In addition to the topics covered in chemistry, reaction mechanisms, kinetics, and chemical equilibrium will be exposed.

AP CHEMISTRY - 5055 - (Two Semesters) (Weighted) (H)

PREREQUISITE: Geometry and Chemistry or Pre AP Chemistry

CONTENT: AP Chemistry is a year-long laboratory course that stresses problem solving and exploration. This course is an extension to Chemistry. To be successful, students will be required to use precise laboratory, computer, and critical thinking skills. This course is more concentrated and more difficult than Chemistry. Students are required to participate in summer homework.

EARTH SCIENCE I (Geology) - 5140 - (One Semester) (H)

PREREQUISITE: Biology I

CONTENT: Earth Science is a one-semester course that is designed to give the student an appreciation and knowledge of the earth and all its processes. The study of volcanoes, earthquakes, weathering, rocks, minerals, plate tectonics, etc. will be accomplished by classroom, lab, and fieldwork. Field trips will be mandatory during school time and optional for outside of school.

EARTH SCIENCE II (Advanced Geology) – 5140-A - (One Semester) (Weighted) (H)

PREREQUISITE: Earth Science

CONTENT: Earth Science II is designed to be a year-long follow-up course to Earth Science I. The course will cover in-depth some of the topics in Earth Science I with an emphasis on geology and geologic processes. It will also include topics like mapping (contours), compass work, sediment comparisons, and aspects of petroleum geology as related to the Oklahoma oil industry. As time allows other areas such as hydro-geology may be emphasized as well as an overview of Oklahoma's water systems, water management, and geologic formations. Field trips will be mandatory during school time and optional for outside of school.

AP ENVIRONMENTAL SCIENCE - 5121 - (Two Semesters) (Weighted) (H)

PREREQUISITE: Biology I, Physical Science, Chemistry or Physics.

CONTENT: The goal of the AP Environmental Science course 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. Yet there are several unifying themes that cut across the many topics. They include science process, energy conversions, systems, human impact on systems, and environmental problems as it relates to cultural and economic factors. Students will explore and document abiotic and biotic factors for the Enid community and its surrounding area. There will be up to three tasks to be accomplished during the summer prior to taking course. Extensive field trips should be expected.

FUNCTIONAL ANATOMY (Formerly *Care and Prevention of Injuries*) - 5221 – (One Semester)

PREREQUISITE: Biology I

CONTENT: Functional Anatomy is a rigorous course that explores how bones, ligaments, and muscles work together as a joint and how they are injured. Surface anatomy as well as recognition and evaluation of injuries are also covered. Other subjects covered include recognition and treatment of concussions and shock, the body's response to heat. Modalities, such as ultrasound and electrical stimulation, will also be covered.

METEOROLOGY - 5335 – (One Semester)

PREREQUISITE: Physical Science, Earth Science, or Astronomy recommended

CONTENT: Meteorology, or atmospheric science, is the study of the atmosphere and its interaction with Earth's surface, oceans, and biological systems. Meteorologists seek to describe, understand, and predict weather phenomena that occur on space scales ranging from millimeters to thousands of kilometers as well as time scales ranging from microseconds to thousands of years. Topics addressed but not limited include; lightning, tornadoes, floods, hail blizzards, fog, climate (mesoscale), water cycle, surface and boundary layer processes, and hurricanes. The use of computers to create and analyze modeling of atmospheric phenomena will be a common classroom activity. Data from local and Oklahoma Mesonet weather stations will be collected, organized, and analyzed so that predictions about local weather can be made.

PHYSICAL SCIENCE - 5160 - (Two Semesters)

CONTENT: This laboratory course will offer students the opportunity to identify Physical Science problems. Students will design and conduct experiments, collect, organize and analyze data, make predictions and inferences, develop models, and communicate results and use basic algebra to solve problems. In order to demonstrate a need for scientific literacy, opportunities will be provided to make connections between science classroom activities and everyday life.

ADVANCED PHYSICAL SCIENCE – 5160-A - (Two Semesters) (Weighted)

CONTENT: Physical Science is a year long laboratory course that stresses problem solving in the basic components of physics and chemistry. In order for the student to experience competency in the laboratory, process skills such as precise measurement, accurate collection and interpretation of data, observation, and operation of basic technical equipment and other characteristics of the scientific process will be stressed. Concepts of force, work, electromagnetism, sound and electricity will be explored. Students will be exposed to the basic concepts of chemistry, including the features of the periodic table.

PHYSICS I – 5211-S - (Two Semesters) (Weighted) (H)

PREREQUISITE: Physical Science and Algebra I

CONTENT: Physics I is a laboratory course emphasizing science reasoning that is project based. Variable identification, analysis, and the graphical representation of nature and its laws will be stressed. To accomplish this, the computer will be used for data processing on a daily basis. Basic use of algebraic expressions will be explored. Trigonometric functions and expressions will be used. Introduction to science probes will complement other direct measurement based activities. In addition to focusing on Oklahoma's PASS Physics standards, related PASS technology standards also would be addressed. The topics covered include Laws of motion (one and two dimensional), gravitation, electricity and magnetism, energy, heat, and waves (including electromagnetic waves).

PHYSIOLOGY & ANATOMY- 5220 - (Two Semesters) (Weighted) (H)

PREREQUISITE: Biology I

CONTENT: Physiology & Anatomy is a year long detailed study of structure and function of the human body. It involves learning the various parts of the body and the relationship of each system to the function of the entire body. You will also understand much of the pathology that affects our lives.

ZOOLOGY - 5240 - (One Semester) (H)

PREREQUISITE: Biology I

CONTENT: Zoology is a laboratory based class instead of a lecture type class. The student will use investigative skills to examine animals from simple to complex in their body make-up. This class is acceptable for sophomores, juniors and seniors.

ADVANCED ZOOLOGY – 5240-A - (One Semester) (Weighted) (H)

PREREQUISITE: Biology I

CONTENT: Zoology will include the standard zoology curriculum plus standards that require a greater degree of self-motivation by the student. The student will have required outside assignments, including a project, a higher level of performance on laboratory experiments and be able to design and use their own laboratory experiments.

SOCIAL STUDIES

EASTERN GEOGRAPHY - 5531 - (One Semester)

CONTENT: Eastern Geography is designed for the purpose of studying the earth as the home of man. This course is a study of physical and cultural geography. Physical geography is the study of the materials and processes of the earth's surface and the characteristics, significance and location of the physical elements. Cultural geography is the study of world populations, settlement types, and major occupational regions. The main areas of study will be the location of features, places, and people; how they differ from each other; how the various geographic features came to be where they are. We will emphasize thinking skills, map and globe skills, and chart and graph interpretation. Content Area includes Asian Europe, Africa, Asia, Australia, Pacific Islands and Antarctica. *(Elective that counts as a citizenship skills for college entry.)*

ADVANCED EASTERN GEOGRAPHY – 5531-A - (One Semester) (Weighted) (H)

CONTENT: Eastern Geography is designed for the purpose of studying the earth as the home of man. This course is a study of physical and cultural geography. Physical geography is the study of the materials and processes of the earth's surface and the characteristics, significance and location of the physical elements. Cultural geography is the study of world populations, settlement types, and major occupational regions. The main areas of study will be the location of features, places, and people; how they differ from each other; how the various geographic features came to be where they are. We will emphasize thinking skills, map and globe skills, and chart and graph interpretation. Content Area includes Asian Europe, Africa, Asia, Australia, Pacific Islands and Antarctica. This class work is more demanding and tests will require in-depth study habits. The students will work on analytical skills and factual knowledge necessary to deal critically with Geography. *(Elective that counts as a citizenship skills for college entry.)*

ECONOMICS - 5521 - (One Semester) (H)

CONTENT: Economics is a social science which studies the means by which people attempt to satisfy their material wants. The study stems primarily from the facts that man's wants are relatively unlimited, but his resources are limited. This circumstance forces him to make choices in the market place and establish priorities in his spending. Choice making is the basis of economic study. Economics, as we offer it in high school, is a survey of the basic economic activities of man. We attempt to acquaint the student with the mechanics and procedure involved and with problems that are constantly related to the everyday happenings in the lives of the students and in the Enid community where economic activity is involved. Economics is a senior elective honors class. *(Elective that counts as a citizenship skills for college entry.)*

AP HUMAN GEOGRAPHY - 5790 - (Two Semesters) (Weighted) (H)

CONTENT: This course will introduce students to the study of geography by emphasizing the relevance of geographic concepts to human problems. Students will study the diversity of global cultures while gaining an appreciation for their own culture and that of others. Areas of study will include cultural aspects (folk & pop culture, language, religion, ethnicity), population & migration, urban & rural land use, economic development, industrialization, and the development of cities and urban patterns. The students will work on AP test taking skills. *(Elective that counts as a citizenship skills for college entry.)*

OKLAHOMA HISTORY - 5615 - (One Semester)

CONTENT: This course examines the geographical, social, political, and historical foundations of Oklahoma. The course is designed to examine materials from prehistory to the present with emphasis on the influence of that past in molding the present.

ADVANCED OKLAHOMA HISTORY – 5615-A - (One Semester) (Weighted) (H)

CONTENT: The emphasis is to prepare students for college social studies classes. The course examines the geographical, social, political, and historical foundations for Oklahoma. The course is designed to examine artifacts from prehistory to the present with emphasis on the influence of the past on present Oklahoma.

POLITICAL SCIENCE: THE CITIZEN AND THE CONSTITUTION - 5770 - (Two Semesters) (Weighted) (H)

PREREQUISITE: U.S. History

CONTENT: This course focuses on a study of the Constitution, its historical interpretation, and citizen responsibility. It uses historical events to support the development of our Constitution tradition. The student will become involved in a competition that does require oral presentation and in-depth research with oral support of that research. Student will be required to complete summer assignments and meets outside of the regular class day. (*Elective that counts as a citizenship skill for college entry.*) Political Science is a senior elective honors class.

PSYCHOLOGY - 5641 - (One Semester)

CONTENT: The purpose of Psychology is to introduce students to the systematic and scientific study of the behavioral and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use to explore the processes involved in thoughts, perceptions, feelings, and actions. The purpose is to provide a better understanding of why people behave the way they do. Psychology is a senior elective honors class.

SOCIOLOGY - 5720 - (One Semester)

CONTENT: Sociology studies the behavioral dynamics of individuals as they live and interact within various social settings. The study is concerned with human relationships, group processes, social problems and social change. Students will better understand the influence society has on their lives and develop the ability to look at their social worlds more objectively. The students will be responsible for numerous supplemental reading articles and many creative assignments and projects.

U.S. GOVERNMENT - 5541 - (One Semester)

CONTENT: U.S. Government is a course of study designed to provide students with an understanding of the development of our constitutional government, the structure and function of our governmental institutions, the role of political parties in government, the responsibilities of state and local governments, and the comparisons of the government of the United States with those of other countries. Powers inherent to each branch of government are examined through the study of the Constitution of the United States and its amendments and other historical documents. (*Elective that counts as a citizenship skills for college entry.*)

ADVANCED U.S. GOVERNMENT – 5541-A - (One Semester) (Weighted) (H)

CONTENT: (*Elective that counts as a citizenship skills for college entry.*) Advanced U.S. Government is designed to provide students the opportunity of an in-depth study of our Constitution and the government it created. Citizen responsibility and powers inherent to each branch of government through historical documents are examined in this advanced study of the Constitution.

PRE AP U.S. GOVERNMENT II - 5542 - (One Semester) (Weighted) (H)

PREREQUISITE: Government I

CONTENT: This course is designed to give students a more in-depth study of our government. This class would review our three branches but would focus more on civil liberties and civil rights. In addition, the class will study and compare our government to the governments of other countries. *(Elective that counts as a citizenship skills for college entry.)*

AP U.S. GOVERNMENT - 5546- (Two Semesters) (Weighted) (H)

PREREQUISITE: U.S. History

CONTENT: This course is intended to allow students to complete studies in high school equivalent to a one-semester college introductory course. The course will focus on governmental structure, roles of political parties, and civil liberties. The students will work toward the National Advanced Placement Test given by the College Board in May of each year to test the student's knowledge of governmental politics. *(Elective that counts as a citizenship skills for college entry.)*

U.S. HISTORY - 5410 - (Two Semesters)

CONTENT: U.S. History since the Civil War will present a survey view of the political, cultural, economic, and military development of the United States from 1865 through the present. The course will identify the growth, major events, and personalities that influenced this development. All students are required to take the End of Instruction Test for U.S. History. Required for all Juniors.

ADVANCED U.S. HISTORY – 5410-A - (Two Semesters) (Weighted) (H)

CONTENT: The emphasis of this course is to prepare students for college social studies classes. The class work is more demanding and tests will require in-depth study habits. The students will work on analytical skills and factual knowledge necessary to deal critically with social studies.

AP U.S. HISTORY - 5415- (Two Semesters) (Weighted) (H)

CONTENT: This course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. The course will focus on the assessment of historical materials and weighing the evidence and interpretations presented in historical scholarship. It offers a concentrated study of historical essay writing. A list of summer reading materials will be provided.

WESTERN GEOGRAPHY - 5532 - (One Semester)

CONTENT: Western Geography is designed for the purpose of studying the earth as the home of man. This course is a study of physical and cultural geography. Physical geography is the study of the materials and processes of the earth's surface and the characteristics, significance and location of the physical elements. Cultural geography is the study of world populations, settlement types, and major occupational regions. The main areas of study will be the location of features, places, and people; how they differ from each other; how the various geographic features came to be where they are. We will emphasize thinking skills, map and globe skills, and chart and graph interpretation. Content Area includes Canada, United States, Mexico, Central America, Caribbean, South America, and Western Europe. *(Elective that counts as a citizenship skills for college entry.)*

ADVANCED WESTERN GEOGRAPHY – 5532-A - (One Semester) (Weighted) (H)

CONTENT: Western Geography is designed for the purpose of studying the earth as the home of man. This course is a study of physical and cultural geography. Physical geography is the study of the materials and processes of the earth's surface and the characteristics, significance and location of the physical elements. Cultural geography is the study of world populations, settlement types, and major occupational regions. The main areas of study will be the location of features, places, and people; how they differ from each other; how the various geographic features came to be where they are. We will emphasize thinking skills, map and globe skills, and chart and graph interpretation. Content Area includes Canada, United States, Mexico, Central America, Caribbean, South America, and Western Europe. This class work is more demanding and tests will require in-depth study habits. The students will work on analytical skills and factual knowledge necessary to deal critically with Geography. *(Elective that counts as a citizenship skills for college entry.)*

WORLD HISTORY/ANCIENT & MEDIEVAL - 5420 - (One Semester)

CONTENT: Ancient and Medieval History study the people and events from Prehistoric Times to Renaissance and Reformation. The intent is to become familiar with the people who shaped the world in which we live and the causes and results of the significant events in their lives. A student should gain an understanding of why the world we live in is the way it is and gain an appreciation for those who developed it.

WORLD HISTORY/MODERN - 5610 - (One Semester)

CONTENT: Modern History studies the people and events from Renaissance and Reformation to the present. The intent is to become familiar with the people who shaped the world in which we live and the causes and results of the significant events in their lives. A student should gain an understanding of why the world we live in is the way it is and gain an appreciation for those who developed it.

ADVANCED WORLD HISTORY – 5731-A - (Two Semesters) (Weighted) (H)

CONTENT: This is a comprehensive course that deals with the development and spread of world civilizations. The course covers the period from pre-history to the present. Topics such as Ancient Greece and Rome, the Renaissance, the Enlightenment, the French Revolution, the Napoleonic Era, the unification of Italy and Germany, World War I, World War II, and the Cold War will receive special attention. In addition, the development of critical thinking skills will be emphasized. *(This course may be used as ½ unit for citizenship and ½ unit for History.)*

AP EUROPEAN (WORLD) HISTORY – 5735-H- (Two Semesters) (Weighted) (H)

CONTENT: This course prepares students for intermediate and advanced college courses in European or World History. The course covers the period from around 1350 to the present; that is from the Renaissance to the war in Afghanistan. This course is more concentrated and rigorous than Enriched World History. This course will help prepare students for the AP test in European History that they are required to take. Students who enroll will receive summer reading.

SPEECH / DRAMA**ACTING AND DIRECTING - 2859 - (One Semester)**

PREREQUISITES: Drama I or Speech

CONTENT: Acting and Directing is an advanced theatre class aimed at the student interested in furthering his or her studies in the dramatic arts. Units of study include: character development, theatre production practices, stagecraft, dramatic literature and criticism, theatre history, and basic directing techniques. This class may be taken for a semester or a full year. *(This course meets the Fine Arts graduation requirement.)*

DEBATE – 4015-U - (Two Semesters)

CONTENT: This is an advanced communications course which emphasizes the following skills: college-level research and writing, persuasion and formal argumentation, logic and analysis, and public speaking. Students will study complex social, political, and philosophical issues. All students enrolled in debate are required to compete at interscholastic tournaments. This full year course may be repeated for additional credit. *(This course meets the Fine Arts graduation requirement.)*

DRAMA I – 4019-U - (One Semester)

CONTENT: This is a one-semester introduction to theater arts course. Areas of study include the basics of acting, theatrical conventions, dramatic literature and beginning competitive drama. Drama I is a performance-oriented class in which students are required to attend and participate in various plays and programs. Students have the option of competing in speech tournaments. *(This course meets the Fine Arts graduation requirement.)*

DRAMA II & III / COMPETITIVE SPEECH - 2858 - (Two Semesters)

CONTENT: This is a communications class in which competing at interscholastic tournaments is a requirement. Areas of study include advanced acting techniques in characterization and scene work, directing basics, theater history, play structure and analysis, oral interpretation, and public speaking. This is a full-year course that may be repeated for additional credit. *(This course meets the Fine Arts graduation requirement.)*

SPEECH I - 4221 - (One Semester)

CONTENT: This course is a one-semester beginning oral communications class. The course is geared toward the development of public speaking skills. *(This course meets the Fine Arts graduation requirement.)*

TECHNOLOGY

ADMINISTRATIVE TECHNOLOGY - 2415 - (One Semester) (Weighted)

PREREQUISITE: Computer Applications, Word Processing or Spreadsheet, and Computer Applications II

CONTENT: This course is a business simulation designed to help reinforce and build software skills. Students will be work as an administrative assistant at a small business.

Students will complete a major project implementing all aspects of the Microsoft Office Suite. The student will demonstrate a proficiency in Microsoft Word, Excel, Power Point, Desktop Publishing, Web Page Creation, Graphics, multimedia, and e-mail. This course will be weighted.

ADVANCED MULTIMEDIA APPLICATIONS – 2556CT - (Two Semesters) (Weighted)

PREREQUISITE: One of the following Multimedia, Computer Applications I, or Computer Science

CONTENT: Students will acquire skills associated with commercial grade applications including: PhotoShop, QuickTime application, Flash, InDesign, GoogleEarth with SketchUp and/or fGIS(GIS for spatial analysis). Each student will be required to produce multimedia projects that are instructive in nature. These projects will include audio, animation, video, and text. Depending on demand, students will have the opportunity to create content for other grade levels.

COMPUTER APPLICATIONS I - 2551 - (One Semester)

CONTENT: This class is an introductory course utilizing the Microsoft Office Suite. Students will learn the basics of word processing, spreadsheets, database, presentations, Internet. Grades will be based primarily on accuracy, but students will be encouraged to continue to try and increase their typing speed. This class should meet the technology requirement for colleges; therefore it is recommended that the college bound student take this course.

COMPUTER APPLICATIONS II - 2552 - (One Semester) (Weighted)

PREREQUISITE: Computer Application 1

CONTENT: This course uses the Microsoft Office Suite and integrates Word, Excel, Power Point, and Access with each other and the Internet. Students will increase their previous skills and advance to more complex projects. Upon completion of this course students will have completed a major project implementing all aspects of the Office Suite.

COMPUTER SCIENCE I – 2531-U – (Two Semesters)

PREREQUISITE: Algebra II or Enrolled in Algebra II

CONTENT: The student will write programs in various programming languages including Visual Basic and C++.

COMPUTER SCIENCE II - 2532 – (Two Semesters)

PREREQUISITE: Computer Science I

CONTENT: Students will do extensive program design and coding including subprograms, algorithms, structures, data, and graphics. Students will study in detail Pascal, C++ or Java languages. Students will be required to complete a case study.

AP COMPUTER SCIENCE - 2535 - (Two Semesters) (Weighted)

PREREQUISITE: Computer Science I or II.

CONTENT: The emphasis in this course is on procedural and data abstraction, programming methodology, algorithms, and data structures. Students will also read and modify a large case study. Students will use JAVA PROGRAMMING LANGUAGE.

INTERNET SERVICES - 2557 (First Semester) 2558 (Second semester)

PREREQUISITE: Advanced Multimedia or Computer Applications I

CONTENT: The emphasis in this course is on the use of Dreamweaver MX for creating web pages and Photoshop for creating and manipulating graphics also for the web. Various web-based content including QuickTime and web-based Flash elements, may be explored. The first of two nine weeks involves structured online lessons which may be accessed from home. The remaining class time will involve individual web site development with an emphasis on instructive content.

SPREADSHEETS – 2404CT - (One Semester)

CONTENT: This class utilizes the Microsoft Excel program and teaches you the basics of a spreadsheet. Students will enter data, change the appearance of data, enter formulas to solve business problems and accounting information for businesses and make charts and graphs. The students will also learn to integrate this information with the word processing program and the Internet. Students desiring to enter the business world or planning on majoring in business in college would benefit from this class.

WORD PROCESSING - 2424 - (One Semester)

CONTENT: This class will use the Microsoft Word Suite. Students will produce documents such as business letters, reports, memos, as well as newsletters with pictures, and documents that can be published as Web pages. Emphasis will be placed on proofreading and editing skills. This is an excellent class for those planning on attending college.

YEARBOOK

YEARBOOK I - 4240 - (Two Semesters)

CONTENT: This class is responsible for creating and publishing the school yearbook. Application required.

YEARBOOK II - 4241 - (Two Semesters)

PREREQUISITE: Yearbook I

CONTENT: This course is a continuation of Yearbook I with added responsibilities. Application required.

MISCELLANEOUS

Only Juniors and Seniors may be Aides.

Credit will not be given for these courses (Limited number of spaces are available):

COUNSELOR AIDE - First Semester - 7160 – See counselor's office for required approval

COUNSELOR AIDE - Second Semester - 7161 - See counselor's office for required approval

LIBRARY AIDE - First Semester - 7760 - See library for required approval

LIBRARY AIDE - Second Semester - 7761 - See library for required approval

OFFICE AIDE - First Semester - 7130 - See office for required approval

OFFICE AIDE - Second Semester - 7131 - See office for required approval

AUTRY TECHNOLOGY CENTER COURSES
2009 - 2010

BUSINESS AND INFORMATION TECHNOLOGY

Grade Level – 11, 12

- Business and Computer Technology (Oklahoma Higher Learning Access Program Approved (OHLAP))

Administration and Information Support

- Fundamentals of Administrative Technologies I (OHLAP)
- Fundamentals of Administrative Technologies II (OHLAP)
- Office Administration and Management (OHLAP)
- Administration and Information Support Capstone

Administration and Information Support-Medical Office

- Foundations of Medical Office Assistant (B)
- Patient Billing
- Medical Insurance
- Medical Transcription
- ICD-CPT Coding
- Administration and Information Support-Medical Office Capstone

Business, Management, and Accounting

- Accounting I
- Accounting II
- Computerized Accounting (OHLAP)
- Payroll Accounting
- Financial Accounting
- Oil and Gas Accounting

Financial and Investment Planning

- Business and Personal Finance (B)

INFORMATION TECHNOLOGY

Network Systems-Network Services

- Client Operating Systems (OHLAP)
- Server Operating Systems (OHLAP)
- Network Management (OHLAP)
- Fundamentals of Unix/Linux
- Network Routing Fundamentals (OHLAP)
- Routing, Switching, and Wide Area Network (Wan) Technologist (OHLAP)
- Telecom and Network Cabling

Information Support and Services-Systems Support

- Computer Repair and Troubleshooting I (OHLAP)
- Computer Repair and Troubleshooting II (OHLAP)

Interactive Media-Desktop Publishing

- Desktop Publishing and Graphic Design (OHLAP)
- Multimedia and Image MgmtTechniques (OHLAP)

Interactive Media-Web Services

- Fundamentals of Web Design (OHLAP)

SERVICE CAREERS

Cosmetology students become skilled in basic cosmetology as established by the Oklahoma State Board of Cosmetology.

- Grade Level – 11, 12
- Content:
 - Haircutting and styling
 - Coloring
 - Permanent waving
 - Restructuring
 - Manicuring
 - Pedicuring
 - Facials
 - Infection Control
 - Communication skills
 - Salon business

Culinary Arts students train in commercial food preparation, service, and management.

- Grade Level – 11, 12
- Content:
 - Food preparation, handling, and storage
 - Preparation of diverse cuisines
 - Catering
 - Weights/measures/conversions
 - Menu planning
 - Food borne illnesses
 - Recipe use
 - Nutritional requirements

Early Care and Hospitality Education offers basic skills needed to obtain employment in a variety of service-related occupations.

- Grade Level – 11, 12
- Content:
 - Developmental stages of children
 - Behavior management
 - Age appropriate activities
 - Job interview and etiquette skills
 - Safe handling of chemical products
 - Family/business financial planning
 - Practical experience in area early care centers
 - Menu planning
 - Nutritional requirements
 - Kitchen organization skills
 - Hands-on experience in foods lab

HEALTH OCCUPATIONS

Dental Assistant students become skilled in patient care and in office and laboratory duties. (p.m. only)

Grade Level – 11, 12

Content:

- Dental terminology
- CPR/First Aid Certification
- Overview of legal and ethical issues
- Head and neck anatomy
- Administrative procedures
- Dental procedures
- Radiography
- Infection control
- Dental exams
- Alginate impressions/study models
- X-ray development and mounting
- Filling materials

Health Careers Certification provides an excellent foundation for students interested in health or medical careers, including medical doctor, nurse, radiographer, surgical technologist, dental or medical assistant, pharmacist, and veterinarian. Will receive an anatomy and physiology credit.

Grade Level – 11, 12

Content:

- Human anatomy and physiology
- Medical terminology
- CPR/First Aid Certification
- Patient care
- Assisting
- Health care professionals
- Shadowing experience in health care facilities

Language of Medicine – Medicine seems to have a language all its own. This course develops the student's ability to understand the written and spoken language of medicine, increasing understanding of medical procedures and patients' clinical histories. Topics include: Latin and Greek word parts, medical abbreviations, positions, medical specialties, topographic systems, operative procedures and disease descriptions. Upon completion, students are eligible to take certification exams for long term care certified nurse aide to be placed on the OK State Department of Health's Nurse Aide Registry. Attendance during all classes and clinicals is required by the Oklahoma State Department of Health.

Grade Level – 11, 12

Medical Office Assistant students will learn the basics to be a successful medical administrative professional. Training includes: medical transcription, medical billing, health insurance, diagnostic and procedural coding, and administrative health care concepts related to a variety of facilities.

Grade Level – 11, 12 (a.m. only)

TRADE AND INDUSTRIAL

Air Conditioning/Refrigeration Technology students prepare for employment in the installation, operation, maintenance, and repair of residential and commercial air conditioning, heating, and refrigeration systems.

Grade Level – 11, 12

Content:

- Fundamentals and theory of electricity
- Electric schematic and wiring diagram reading
- Calculation of heat loads
- Preparation of job estimates
- Functions and operations of domestic commercial and industrial units
- Electrical troubleshooting
- Principle of compression refrigeration
- Refrigerants
- Tubing and pipe
- Tools and measuring
- Electric motors

Automotive Service Technology students receive extensive preparation in current diagnosis and repair techniques for various makes of automobiles. This is an ASE (Automotive Services Excellence) certified programs.

Grade Level – 11, 12

Content:

- Engine repair and diagnosis
- Computerized fuel systems
- Anti-lock brakes
- Distributorless ignition
- Emission controls
- Electrical accessories
- Air conditioning and heating
- Steering and suspension
- Engine repair
- Engine performance
- Computerized diagnostics

Collision Repair Technology students learn state-of-the-art repair and refinishing methods in addition to preparation of damaged structures for refinishing. This is an ASE (Automotive Service Excellence) certified program.

Grade Level – 11, 12

Content:

- Sheet metal
- Plastics and fiberglass repair
- Painting and refinishing
- Glass and trim replacement
- Welding
- Auto detailing
- Estimate writing
- Structural and nonstructural analysis and damage repair
- Customized painting

Construction Technology students become efficient in residential and commercial construction methods. This is an AGC (Associated General Contractors) certified program.

Grade Level – 11, 12

Content:
Wall, ceiling and roof framing
Concrete foundation work
Blueprint reading
Roofing
Drywall
Interior and exterior trim
Insulation
Cabinet making
Material estimating

Diesel Technology students learn to maintain, diagnose and repair a broad range of diesel medium and heavy trucks and equipment. This is an ASE (Automotive Service Excellence) certified program. (a.m. only)

Grade Level – 11, 12

Content:
Engine repair
Computerized trouble shooting and repair
Diesel engine assembly
Fuel, lubricating, and governing system
Electrical systems testing and repair
Hydraulics
Air conditioning and heating systems
Power train (standard and automatic)
Brakes
Suspension systems
Engine overhaul
Preventative maintenance inspection
Electronic engines

Drafting and Design students become skilled in technical and architectural drafting, illustration, and Computer-Aided Drafting and Design (CAD).

Grade Level – 11, 12

Content:
Machine drafting
Engineering drawing
Technical illustration
3D modeling
Animation
Electronic drafting

Graphic Arts students prepare for a future in graphic design, advertising, printing, marketing, and publishing. This is a PrintEd certified program.

Grade Level – 11, 12

Content:
 Computer design/layout
 Composition
 Proofreading
 Image Assembly
 Film stripping
 Platemaking
 Production photography
 Bindery operations
 Electronic prepress operation
 Estimating
 Digital photography
 Process camera operations
 Desktop publishing
 Production management

Mechatronics is the synergistic combination of mechanical engineering, electrical engineering, electronics, information technology and systems thinking, utilized in the design of products and automation processes. Mechatronics is an excellent foundation for students working toward a bachelor's degree in Engineering.

Grade Level – 11, 12

Content:
 Robotics
 Electricity/Electronics
 Motor controls
 Sensors
 Programmable logic controllers
 Micro controllers
 Hydraulics
 Pneumatics
 CNC machining
 Engineering graphics
 CAD/CAM
 Tolerance and quality control

Power Products Technology students learn to maintain, test, and repair all types of small two and four-cycle internal combustion engines – lawn and garden equipment, motorcycles, and ATV's.

Grade Level – 11, 12

Content:
 Overhaul and tune-up
 Electrical theory and troubleshooting
 Carburation theory and troubleshooting
 Precision measurement
 Brakes
 Drive systems
 Starting systems
 Chassis
 Valve servicing
 Cylinder boring
 Tires and wheels
 Clutches
 Assembly and pre-delivery
 Transmission and hydrostatic drives
 Cooling systems and exhaust systems

Welding Technology students may acquire the skills to work as welders, pipe fitters, iron workers, metal fabricators, or in related occupations.

Grade Level – 11, 12

Content:

Oxy-acetylene cutting
Plasma welding
Gas welding
Arc welding
TIG welding
MIG welding
Pipe welding
Aluminum welding
Steel welding
Drill press operations
Fabrication
Blueprint reading
Shear operations
Rolling
Welding symbols
Metal forming
Manual brake operations

MATHMATICS

- Algebra II (OHLAP)
- Plane Geometry (OHLAP)
- Pre Calculus (OHLAP)
- Advanced Placement, Calculus AB – OSSM (OHLAP)
- Advanced Placement, Calculus BC – OSSM (OHLAP)
- Advanced Placement, Statistics – OSSM (OHLAP)
- Trigonometry (OHLAP)
- Mathematics of Finance
- College Algebra

AUTRY TECHNOLOGY CENTER

1201 W. Willow, Enid, OK 73703-2598
 Phone: (580) 242-2750 Fax: (580) 233-8262
www.autrytech.com

Dr. Jim Strate	Superintendent	jimstrate@autrytech.com
Dr. Marcie Mack	Assistant Superintendent	mmack@autrytech.com
Dale Gates	Director of Curriculum	dgates@autrytech.com
Jeremy Eaton	Dir. of Student Activities	jeaton@autrytech.com
Karen Martin	Director of Student Services	kamartin@autrytech.com
Stephanie Weissenbuehler	Career Counselor	sweissenbuehler@enidk12.org
Dana Wood	Financial Aid	dwood@autrytech.com

Autry Technology Center Highlights

- Programs accredited by the State Department of Education, Oklahoma Department of Career and Technology Education, and North Central Association
- Classes approved for college credit while a student is still enrolled in high school
- Oklahoma School of Science and Mathematics regional site
- State, national, and industrial certifications
- Leadership opportunities, including community service, through involvement in student organizations and competitions
- National Technical Honor Society
- Industry internships and job shadowing that offer real-world experience
- National certification testing available upon completion of some programs
- Credit available in anatomy and physiology through the Health Careers Certification program.
- All four Business and Information Technology instructors along with the Drafting & Design and OSSM AP Calculus instructors are Nationally Board Certified.
- Autry Technology Center now offers credit recovery courses in English and Math. Visit with Mrs. Weissenbuehler if you have any questions concerning any of the courses we have available or call Autry 242-2750.

Enrollment

High school students will be admitted during high school spring and/or fall enrollment. Standardized test scores and transcripts must accompany the admission form. Before being officially admitted, a counselor will interpret the results of standardized test scores and review transcripts, attendance, behavior, and interest. TABE results may be required. A personal interview will be conducted with each student.

For students with an Individual Education Plan (IEP) wishing to attend Autry Tech, an Autry counselor must be a member of the annual review and IEP team. No IEP student may begin class without a current IEP copy on file at Autry Tech.

Students that are currently enrolled at another technology center will be allowed to transfer into the same Autry Tech program as long as space is available.

Some Autry Tech programs meet the OHLAP requirements for Computer Science. Please see your career counselor for further information.

Autry Scholarship: The Autry Board of Education has created a special scholarship as an incentive for area students to continue their post-secondary educations locally. This scholarship is available to high school graduates who:

1. live in the Autry district.
2. lived in the Autry district their senior year in high school.
3. meet enrollment guidelines.

This scholarship covers 100% tuition for up to three years. Students may attend during any of the three years immediately following high school graduation. For example, a qualifying student may begin two years following high school graduation and still receive the Autry scholarship. The scholarship will only pay for tuition costs incurred during the three years immediately following high school graduation – any additional years will be paid by the student. The cost of books and other supplies are the responsibility of the student during their time at Autry.

Scholarship eligibility will be reviewed each semester. An academic grade of C or better must be maintained, good discipline reports are required, and attendance must be 90 % or better for the scholarship to remain in effect. . If any of these criteria are not met, the student will be responsible for the remaining tuition payments. Students are responsible for book costs and any supplies that are required.

**Autry Technology Center
Alliance Agreements/College Credit
FY09**

Cowley County Community College, Arkansas City, KS

Students can receive up to 44 credit hours for successful completion of an Autry Technology Center program containing approximately 1050 clock hours. An Associate of Applied Science degree may be obtained from Cowley County Community College with an additional 18 credit hours of general education.

Northern Oklahoma College, Enid and Tonkawa, OK

<u>Autry Tech Program</u>	<u>NOC Degree</u>	<u>Potential Hours</u>
Business and Information Technology	Office Management	24 cr. hrs.
	Information Technology (Net. Eng.).....	42 cr. hrs.
Dental Assistant	Health Services Technology – Dental Asst.....	up to 27 cr. hrs.
Drafting and Design	Engineering Tech-Drafting & Design	35 cr. hrs.
Graphic Arts	Printing Technology.....	30 cr. hrs.
Health Careers Certification	Health Services Technology.....	up to 27 cr. hrs.
Medical Assistant	Office Management – Medical Asst.....	24 cr. hrs.
Mechatronics Systems	Electronics Technology	50 cr. hrs.
Mechatronics Technology	Electronics Technology	18 cr. hrs.
Practical Nursing	Nursing: Registered Nurse (RN).....	37 cr. hrs.
Radiography	Radiography	52 cr. hrs.
Respiratory Care	Respiratory Care	57 cr. Hrs.
Surgical Technology	Surgical Technology	37 cr. hrs.
Adult Career Development	Industrial Technology – Mechanical Tech.....	16 cr. hrs.

Mid-America Bible College, Oklahoma City, OK

Completion agreements for the Surgical Technology and Radiography programs for a Bachelor of Science Degree in Management and Ethics.

OSU-OKC, Oklahoma City, OK

<u>Autry Tech Program</u>	<u>OSU-Oklahoma City Degree</u>	<u>Potential Hours</u>
Drafting and Design	Architectural Technology	13 cr. hrs.

Southwestern College Professional Studies, Wichita and Winfield, KS

This enables a student to complete a baccalaureate degree if he/she has an associate degree or has 48 transcribed hours and has been employed full-time for more than three years.

University of St. Francis, Joliet, IL

A B.A. completion program available to graduates of the Radiography program and can be completed online.

Many Autry Technology Center programs offer not only college credit but also the opportunity to explore relate occupations that require a college degree.

CAREER PATHWAYS

AUTRY PROGRAM	CAREERS REQUIRING COLLEGE/UNIVERSITY DEGREES
Accounting	Accountant/CPA Auditor Financial Manager (Any business major)
Administrative Services	Business Administrator Legal Administration Secretary
Network Administration/Technician	Computer Programmer Computer Software Engineer Computer Systems Analyst Network & Computer Systems Administrator
Culinary Arts	Dietitian/Nutritionist Hospitality Manager Hotel & Restaurant Manager
Dental Assistant	Dental Hygienist Dentist
Health Careers Certification/ Medical Assistant	Nurse Pharmacist Physical Therapist Physician Radiographer Surgical Technologist
Drafting & Design	Architect Draftsman Engineer
Mechatronics Systems	Biomedical Technologist Engineer Information Technologist
Graphic Arts	Advertising Specialist Art Director Communications Director Editor Graphic Designer Journalist Marketing Director Photographer

NORTHERN OKLAHOMA COLLEGE

100 S. University Ave.
Enid, OK 73702
Phone: 580-242-6300 Fax 580-548-2216
www.north-ok.edu

Concurrent Enrollment

Concurrent high school students must be eligible to satisfy the following high school curricular requirements for college admission no later than the spring of his/her senior year.

- 4 yrs. English (Grammar, Composition, Literature)
- 2 yrs. Lab Science (Biology, Chemistry, Physics or any lab science certified by the school district: General Science with or without a lab may not be used to meet this requirement).
- 3 yrs. Mathematics (from Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Calculus).
- 2 yrs. History (including 1 unit of American History).
- 1 yr Citizenship skills (Government, Geography, Economics, Non-Western Culture).
- 3 yrs. Other (Computer Science, Foreign Language, or any of the above)

15 Required Units

A high school student admitted under the provision set forth below may enroll in a combined number of high school and college courses per semester not to exceed a full-time college work load of 19 semester credit-hours.

A high school student may enroll in a maximum of 9 semester credit hours during the summer session following the end of his/her junior year of high school.

- A. The student must have taken the ACT test:
 - Seniors must have an ACT composite score of 19 and ACT of 19 in the area of enrollment or a 3.0GPA and a 19 ACT in the area of enrollment.
 - Juniors must have an ACT composite score of 21 and a 19 ACT in the area of enrollment or a 3.5 GPA and a 19 ACT in the area of enrollment.
- B. The student cannot enroll in "zero-level" courses.
- C. The student must maintain a grade point average of 2.00 on a 4.00 scale.
- D. Concurrent students are allowed to enroll in only Liberal Arts & Science courses.
- E. A copy of the student's high school transcript and ACT scores must accompany the concurrent enrollment form.

The student must enroll at the Office of Admissions and Registration at Northern Oklahoma College with the required documentation. The admissions officer will meet with the student to evaluate his/her eligibility to be admitted.

Course Descriptions

Astronomy

ASTR 1514-General Astronomy

The large-scale structure of the universe and our place in it. The origin, evolution, and general properties of planets, stars, and galaxies are presented.

Biological Science

BISI 1114-General Biology

An introduction to the fundamental concepts and principles of molecular and cellular biology with emphasis on morphological and physiological processes of the plant and animal kingdom. Appropriate laboratory work and demonstrations to implement the fundamental principles and concepts learned in theory.

Computer Science

CS 1113-Computer Concepts

An introduction to the basic concepts of computer technology. Hands-on use of computers will introduce computer operating systems; file management; Internet; use of system tools; word processing; spreadsheet, database and presentation software.

Economics

ECON 2113----Macroeconomic Principles

This course introduces the functioning of the aggregate economy. Topics include national income, employment, inflation and the price stabilization, fiscal policy, monetary policy and aspects of the international interdependence. Prerequisite: College Algebra (MATH 1513).

ECON 2123----Microeconomic Principles

This course addresses specific components of an economic system with emphasis given to the theory of the firm, cost of production, factor prices, income distribution and international trade and finance. Prerequisite: College Algebra (MATH 1513).

English

ENGL 1113-English Composition I

This course includes the fundamentals of expository writing with emphasis on structure, development, sentence style and grammatical correctness.

ENGL 1213-English Composition II

This course includes a review of the fundamental of expository writing with emphasis on argumentative, research techniques and style, used in literary and personal writing. Prerequisite: English Composition I (ENGL 1113) or equivalent.

History

HIST 1483-American History to 1865

An introductory survey spanning discovery of the new world, colonization, national development and concluding with the Civil War.

HIST 1493-American History since 1865

A general survey of the key individuals and many social, economic and political developments that have influenced and molded the nation from the end of the Civil War to the present.

Literature

LIT 2413-Introduction to Literature

A critical introduction to the major genre of English, American, and world literature-fiction, poetry, and drama. Humanities credit.

Mathematics

MATH 1513-College Algebra

Advanced topics in quadratics, systems of equations, permutations, combinations, theory of equations, theory of logarithms, and exponentials. Prerequisite: Intermediate Algebra (MATH 0113).

Physical Science

PHSC 1114-General Physical Science

A lecture, demonstration and participation course designed to help students understand the physical environment of Earth. A study of the major ancient and modern discoveries from the fields of geology, meteorology, astronomy, physics and chemistry, including interpretations of how these discoveries have influenced the development of science and technology. The course meets the physical science requirements of the student.

ESCI 1214-Earth Science

A general education course which fulfills the physical science requirement. Subject matter content is composed of general concepts taken from the science areas of geology, astronomy and meteorology. A combination lecture, demonstration, discussion and laboratory experience. Requires little math background.

Political Science

POLI 1113-American National Government

American National Government is an introduction to the federal system of government found in the United States. The course of study includes the roles of Congress, the Presidency, Judiciary, Bureaucracy, interest groups and political parties.

Psychology

PSYC 1113-General Psychology

This introduction to psychology examines each of the contemporary theoretical perspectives in psychology. The relationship of behavior, cognition and emotion are explored in such issues as learning, memory, development, motivation, personality, abnormal behavior and therapy design.

Sociology

SOCI 1113-Principles of Sociology

The dynamics of human society are explored in this survey course of sociology. Beginning with the classical theorists of sociology we construct a contemporary perspective of sociology that demonstrates the theories, research and work of sociologists. Issues such as culture, social interaction socialization, stratification, multiculturalism, institutions, collective behavior and social change are viewed through the unique perspectives of sociology.

It is the policy of the Enid Public Schools to provide equal opportunities without regard to race, color, national origin, gender, age, religion, veteran status or disability in its educational programs, services and activities and in employment. The District will provide equal employment opportunities in areas including, but not limited to, employee selection, promotion, training and development, compensation, termination and disciplinary action.

Es la política de las escuelas públicas de Enid para proporcionar las oportunidades iguales sin consideración hacia la raza, color, origen nacional, género, edad, religión, estado del veterano o incapacidad en sus programas educativos, servicios y actividades y en el empleo. El distrito proporcionará oportunidades iguales del empleo en áreas incluyendo, pero no limitado a, selección del empleado, promoción, entrenamiento y desarrollo, remuneración, terminación y acción disciplinaria.

The Enid Public Schools provides free appropriate public education to all students.

Los Enid Public Schools subministran una educación pública, apropiada y gratis a todos los estudiantes.

Photograph on front cover taken by Ashley Wideman.