

2006 – 2007
Enid High School
Registration Guide

INDEPENDENT SCHOOL DISTRICT NO. I-57

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Dear Students and Parents:

Enid Public Schools and Enid High School are proud to welcome you to our campus. As you can see, our community, teachers, students, and administration take great pride in representing past traditions while achieving great things in the present.

Academically, Enid High School strives to keep pace with current educational trends that foster success for our students and prepare them for future endeavors. The family at Enid High School welcomes any challenge with pride and commitment.

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.

Enid High School is also very proud of its many athletic teams, quality organizations, and performing arts groups. Many other organizations offer opportunities which add to a well rounded educational experience, foster training in leadership, and truly add to our school's vitality.

As you study our course offerings, we hope that you look towards your future and make the guided decisions which will meet all of your educational goals. Once again, welcome to Enid High School.

Sincerely,

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

Jim Beierschmitt
Principal

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2006 - 2007
Enid High School
Grades 10 - 12

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. Taking the AP exam is a requirement 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 can be considered for attendance at Autry Technical Center. Students must complete an application for enrollment from Autry Technical Center in addition to the regular Enid High School forms. Final selection of students will be made by Autry Technical Center. Bus transportation will be provided for the morning and afternoon sessions. College-bound students may attend Autry Technical Center and still meet college entrance requirements. High School students attending a technology center and enrolled in courses offered through a cooperative agreement may co-enroll or earn advanced standing college credit in those courses that were previously approved as part of a cooperative agreement.

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. 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 (2006-2007)

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 30% class rank	25 ACT or 1130 SAT <u>or</u> 3.5 GPA
Oklahoma State University	Summer 2006: 24 ACT or 1090 SAT <u>or</u> 3.0 GPA and top 33.3% class rank Summer 2007: 24 ACT or 1090 SAT <u>or</u> 3.0 GPA and top 25% 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 with the 2006-2007 school year.

EHS	NOC
1. Senior Level Literature / Composition.....	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 junior high 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 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. Must pass to receive Certificate of Distinction on diploma.**

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

Unless your request "fits" one of the aforementioned guidelines, we will not honor your request. 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 their 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, is an honors graduate, and completes a Certificate of Distinction. 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	A = 4.25
	B = 3.25
	C = 2.25
	D = 1.25
	F = 0

GENERAL ENROLLMENT REQUIREMENTS FOR ALL STUDENTS

1. All students will enroll in a minimum of four academic blocks each semester. Physical Education, Weight Training, Athletics, Aerobics, and Music Classes do not count as academic blocks. Teacher/Staff Assistants do not count as credit.
2. 18 units earned toward graduation must come from academic courses.
Units of credit (1 semester = 1/2 unit; 1 year = 1 unit)
3. Fourteen of the units required for graduation should be earned in the 10th, 11th, and 12th grades.
4. All students will enroll in 8 blocks. Cooperative Education students may be released for 7th and 8th blocks for on-the-job training. These students will enroll in a minimum of six blocks including a cooperative vocational class.
5. With prior approval of the principal, seniors with credit deficiencies may earn a maximum of two units via accredited correspondence courses to be counted toward graduation requirements.
6. Duplicate credit cannot be given for any of the courses at Enid High School.
7. Approved summer school credit will count toward graduation requirements.
8. Students must attend a minimum of 4 blocks at Enid High School each semester.
9. Students may only take one of the following courses each semester: Aerobics/Life Sports, Fitness/Weight Training, or Cheerleading.
10. 5 Units must be earned in 9th grade
6 – 15 Units must be earned in 10th grade – (second year of high school)
11 – 17 Units must be earned in 11th grade – (third year of high school)
18 – 25 Units must be earned in 12th grade – (fourth year of high school)

Gifted / Enrichment Placement Guidelines

GRADES 10, 11, 12 ENRICHMENT

<u>PLACEMENT</u>		
<u>Criterion Referenced Test</u>	<u>Score Range</u>	
Reading	Advanced	
Mathematics	Advanced	
Science	Advanced	
Social Studies	Advanced	
Writing	Advanced	
	OR	
<u>Norm Referenced Test</u>	<u>Percentile</u>	<u>Subject Area</u>
	90 +	
	OR	
<u>End of Instruction Test</u>		
English II	Advanced	
Algebra I	Advanced	
US History	Advanced	
Biology I	Advanced	
Writing	Advanced	

COLLEGE ENTRANCE REQUIREMENTS FOR FRESHMEN

Subject	Units	Description
English	4	<p>(Grammar, Composition, Literature)</p> <ul style="list-style-type: none"> • English courses should include an integrated writing component. • Journalism, Speech, Reading, and English-as-a-Second –Language courses <u>may not</u> be used to fulfill this requirement.
Laboratory Science	2	<p>(Biology, Chemistry, Physics or any lab science certified by the school district)</p> <ul style="list-style-type: none"> • General Science courses with or without a lab <u>may not</u> be used to fulfill this requirement. • Effective Fall 2004, the only applied science course accepted for admission is Principles of Technology. See the State Regents’ Policy Statement on Admission To, Retention In, and Transfer Among Colleges and Universities of the State System.
Mathematics	3	<p>(Algebra I, Algebra II, Geometry, Trigonometry, Math Analysis, Pre-Calculus, Calculus, Advanced Placement Statistics)</p> <ul style="list-style-type: none"> • Applied math courses no longer meet college admission requirements. • Statistics/Probability, Computer Science, Intermediate Algebra, and Mathematics of Finance <u>may not</u> be used to meet this requirement.
History and Citizenship Skills	3	<p>(1 unit of American History, <u>and</u> 2 units from the subjects of History, Government, Geography, Economics, and/or Non-Western Culture*)</p> <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. • *Courses about non-Western culture should teach students about cultures and traditions other than their own. • *Examples of courses that may be used to fulfill this requirement include American Government, World History, Oklahoma History, Constitutional American History, European History, Civics, Eastern Geography, Economics, World Geography, Multicultural History (with non-West content), Citizenship and Constitution. • *Examples of courses that <u>may not</u> 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 any of the subjects listed above (English, Mathematics, Biology, Chemistry, Physics or lab science certified by the school district, History, Citizenship Skills) or select from the following: Computer Science, Foreign Language</p> <ul style="list-style-type: none"> • A computer science course used to fulfill this requirement should include programming and convey an understanding of computer hardware. Courses that teach business computer applications will also be accepted. These courses will typically include more than one type of application, for example, word processing, databases, spreadsheets, and graphics programs. • Keyboarding and other courses designed to teach typing skills <u>may not</u> be used to fulfill this requirement. • Courses excluded from subject categories listed above are also excluded from the “Other” category.
Total units	15	

Four additional units are **recommended** for college preparation: 1 unit of lab science, 1 unit of mathematics, and 2 units of speech or fine arts (Music, Art, or Drama).

Contact the State Regents for Higher Education at (405) 225-9100.

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 Rank3.0 GPA and top 33.3% class rank

Option 3: GPA in the State Regents
15 unit Core Curriculum ***3.0 GPA in Regents' core and 20 ACT or 940 SAT

Regional Universities

Option 1: ACT or SAT20 ACT or 940 SAT

Option 2: GPA and Class Rank2.7 GPA and top 50% class rank

Option 3: GPA in the State Regents
15 unit Core Curriculum ***2.7 GPA in Regents' core

Two-Year Colleges

Option 1: ACT or SATNo Minimum

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

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

*Effective Summer 2005, University of Oklahoma applicants who have less than a 3.0 GPA or bottom 50% class rank in Option 1, will be placed on a waiting list. **University of Oklahoma applicants who are in the 26-30% of their class in Option 2, or admissible under Option 3, will be placed on a waiting list. ***Colleges and universities will add additional weighting (1.0) to the GPAs of students who take the College Board Advanced Placement courses and the higher level International Baccalaureate courses.

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

For Seniors and Juniors (2006-2007 school year)

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 and must graduate in six (6) consecutive semesters in grades 10 through 12:
 - a. Four semesters of Advanced English.
*One of the four must be a 12th grade advanced English course.
 - Enriched World Literature (Two Semesters)
 - Enriched American Literature (Two Semesters)
 - *Advanced English Literature/Composition (One Semester)
 - *Advanced English Literature (One Semester)
 - *AP English Literature and Composition (Two Semesters)
 - Shakespeare (One Semester)

- b. Two years of the same Foreign Language
- c. Two years of math: Geometry and Algebra II or above
- d. Biology I and two additional units
- e. Two Semesters of the following Social Studies Classes:
 - Any Advanced Placement (AP) Social Studies (Two Semesters)
 - Political Science: The Citizen & The Constitution (Two Semesters)
 - Any Enriched Social Studies (Two Semesters)
 - U.S. Government II
 - 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 as the fourth math, science or social studies requirement for the Certificate of Distinction and/or Honors.

Dual Credit will count toward the Honors Program.

CERTIFICATE OF DISTINCTION

A certificate of distinction will be awarded to students who have met or exceeded the following criteria.
 Overall grade point average of 3.25 on a 4.0 scale as measured by the seven semester rank-in-class roster.
 Students must earn:

- 4-----Units each of English, Mathematics, Social Studies and Science
- 2-----Additional units in the areas of Technology, Humanities or the Arts.
- 2-----Units in a Foreign Language

Achieve a satisfactory score, or its equivalent, on all end of instruction tests as required by state law.

Certificate of Distinction graduates will be recognized in the following ways: 1. A seal will be place on the diploma and transcript showing "Certificate of Distinction" 2. Graduation dress: Certificate of Distinction stole

■ Contextual science/mathematics courses which enhance technology preparation whether taught at a 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/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.

Concurrent enrollment (1000 level or above), Internet Based classes and/or proficiency testing may be substituted on a course-by-course basis to satisfy the academic units required for a certificate of distinction. (Counselors permission form required.)

Technology	Language Arts	Mathematics	Social Studies	Science
Multimedia Adv. Multimedia Applications Computer Applications Adv. Computer Applications Computer Science I Computer Science II AP Computer Science Enriched Financial Literacy Internet Services Journalism I Journalism II Journalism III Spreadsheets Tech Ed. Word Processing Yearbook I Yearbook II <u>Autry Technology Center</u> Business & Information Technology Education Accounting Services II CCNA Specialist Drafting & Design Electronics Graphic Arts Networking Technician Network Administrator	Grammar & Comp I Grammar & Comp. II World Lit./Comp. World Lit Enriched World Lit. Am. Literature Am. Literature/Comp Enriched Am. Lit. English Lit./Comp. English Literature Adv. English Lit./Comp Adv. English Lit. AP Eng. Lit. & Comp.	Algebra I Algebra II Enriched Algebra II Algebra III AP Calculus Calculus Pre-Calculus Contextual Geometry Geometry Math Analysis Trigonometry ■ <u>Autry Technology Center</u> OSSM Calculus	Eastern Geography Enriched Eastern Geog. AP Human Geography Economics Independent Research in Social Studies Oklahoma History Political Science U.S. Government I U.S. Government II AP U.S. Government U.S. History Enriched U.S. History AP U.S. History Western Geography Enriched Western Geog. World History (Ancient & Medieval) World History (Modern) Enriched World History AP European (World History) Civics	Astronomy I Astronomy II Biology I Enriched Biology I Biology II AP Biology AP Biology Lab Botany Chemistry Enriched Chemistry AP Chemistry Earth Science I Earth Science II AP Environ. Science Functional Anatomy Physical Science Enriched Physical Science Physics I Physiology & Anatomy Zoology ■ <u>Autry Technology Center</u> Health Careers Cert. OSSM Physics
	Humanities	The Arts	Foreign Language	
	Acting & Directing Arts Around Us Debate Drama I Drama II & III (Competitive Speech) Music Around Us Shakespeare (Early Plays) Shakespeare (Late Plays) Speech I *Spanish III, IV, & AP *French III & IV *German III Acad. Comm. to Educ. Psychology Sociology	Art I, Introduction Advanced Art AP Studio Art 2D AP Studio Art - Drawing Band Design Drawing & Painting Jazz Ensemble I Jazz Ensemble II Mixed Chorus Orchestra Show Choir Select Chorus	French I French II *French III *French IV *German I Spanish I Spanish II *Spanish III *Spanish IV Tu Mundo I Tu Mundo II *AP Spanish	* These subjects may be used for either Humanities or Foreign Language.

GRADUATION REQUIREMENTS FOR CLASS OF 2007

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.

Standard Diploma:

4 units Language Arts - 1 unit of Grammar and Composition, **and** 3 units which may include, but not limited to the following courses: 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

3 units Mathematics - 1 unit Algebra I or Algebra I taught in a contextual methodology, **and** 2 units which may include, but are not limited to the following courses: Algebra II, Geometry or Geometry taught in a contextual methodology; Trigonometry; Math Analysis or Pre-calculus; 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.

3 units Science - 1 unit of Biology I or Biology I taught in a contextual methodology, **and** 2 units 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.

3 units Social Studies

1 unit U. S. History

1/2 to 1 unit of U.S. Government

1/2 unit Oklahoma History **and**

1/2 to 1 unit from which may include, but are not limited to the following courses: 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.

2 units Art – which may include, but are not limited to, courses in Visual Arts and General Music.

10 units - electives

25 TOTAL UNITS

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.

GRADUATION REQUIREMENTS FOR CLASS OF 2008

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.

Standard Diploma:

4 units Language Arts - 1 unit of Grammar and Composition, **and** 3 units which may include, but not limited to the following courses: 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

3 units Mathematics - 1 unit Algebra I or Algebra I taught in a contextual methodology, **and** 2 units which may include, but are not limited to the following courses: Algebra II, Geometry or Geometry taught in a contextual methodology; Trigonometry; Math Analysis or Pre-calculus; 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.

3 units Science - 1 unit of Biology I or Biology I taught in a contextual methodology, **and** 2 units 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.

3 units Social Studies

1 unit U. S. History

1/2 to 1 unit of U.S. Government

1/2 unit Oklahoma History **and**

1/2 to 1 unit from which may include, but are not limited to the following courses: 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.

2 units Art – which may include, but are not limited to, courses in Visual Arts and General Music.

10 units - electives

25 TOTAL UNITS

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.

GRADUATION REQUIREMENTS FOR CLASS OF 2009

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.

Standard Diploma:

4 units Language Arts - 1 unit of Grammar and Composition, **and** 3 units which may include, but not limited to the following courses: 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

3 units Mathematics - 1 unit Algebra I or Algebra I taught in a contextual methodology, **and** 2 units which may include, but are not limited to the following courses: Algebra II, Geometry or Geometry taught in a contextual methodology; Trigonometry; Math Analysis or Pre-calculus; 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.

3 units Science - 1 unit of Biology I or Biology I taught in a contextual methodology, **and** 2 units 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.

3 units Social Studies

1 unit U. S. History

1/2 to 1 unit of U.S. Government

1/2 unit Oklahoma History **and**

1/2 to 1 unit from which may include, but are not limited to the following courses: 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.

2 units Art – which may include, but are not limited to, courses in Visual Arts and General Music.

10 units - electives

25 TOTAL UNITS

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 Y1- 2620 - (Two Semesters)

GRADE LEVELS: 10, 11

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

CONTENT: The first year is a 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. Additionally, cadets wear the Air Force uniform once per week and attend a formal military function (Military Ball/Dining-Out) annually. Cadets are expected to participate in unit esprit-de-corps activities to include curriculum-in-action field trips, fund raising, citizenship in the community, Honor Guard, and Color Guard. A \$10.00 uniform maintenance fee is assessed upon issue of the uniform.

AEROSPACE SCIENCE Y2 - 2630 - (Two Semesters)

GRADE LEVELS: 11, 12

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

CONTENT: The second year is a 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 speeches compliment academic materials. Cadet Corps activities include holding positions of greater responsibility in the planning and execution of Corps projects. Additionally, cadets wear the Air Force uniform once per week and attend a formal military function (Military Ball /Dining-Out) annually. Cadets are expected to participate in unit esprit-de-corps activities to include curriculum-in-action field trips, fund raising, citizenship in the community, Honor Guard, and Color Guard. A \$10.00 uniform maintenance fee is assessed upon issue of the uniform.

AEROSPACE SCIENCE Y3 - 2640

GRADE LEVEL: 12

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

CONTENT: The third year is a science course which discusses 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 third year. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice. All the 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. Additionally, cadets wear the Air Force uniform once per week and attend formal military functions (Military Ball/Dining-Out) each year. Cadets are expected to participate in unit esprit-de-corps activities to include curriculum-in-action field trips, fund raising, citizenship in the community, Honor Guard, and Color Guard. A \$10.00 uniform maintenance fee is assessed prior to issue of the uniform.

Business

BUSINESS

ACCOUNTING Y1- 2111 - (Two Semesters)

GRADE LEVELS: 11, 12

PREREQUISITE: Algebra I with "B" or above average or Recordkeeping II with "B" or above average.

CONTENT: Accounting I is designed to give any student a basic understanding of the complete accounting cycle. It would be beneficial to those who (1) simply want a better understanding of how the business world operates, or (2) those who plan on majoring in any business area in college. In addition to the regular textbook work there is one major practice set to be completed.

BUSINESS LAW - 2150 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: NONE

CONTENT: This is an introductory course that provides a foundation to understand court structure, civil law, criminal law and business law. Average or above reading level is required.

BUSINESS MATH - 2170 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: NONE

CONTENT: Material on checking accounts, gross and net income, borrowing money, savings and investing, auto expenses and insurance, federal and state taxes, cash purchases and sales tax, credit cards and charge accounts will be studied. Students complete daily assignments. This is a very practical class with information students will use in personal and business matters.

ENRICHED FINANCIAL LITERACY - 2591 - (One Semester) (Weighted Course) (CD)

GRADE LEVELS: 11, 12

PREREQUISITE: Algebra I with "B" or better average

CONTENT: Topics covered include basics of investing, credit cards and loans, financial thinking for the long run, personal and business financial statements, consumer and investment fraud, and basic accounting principals. The course will require a formal paper on investing in stocks, risk assessment, financial goals, investment fraud, and understanding the stock market. The report is entered into a contest with a chance of winning a \$2000 scholarship sponsored by Investor Protection Trust.

RECORDKEEPING II - 2391 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Algebra I with "C" or above average

CONTENT: This class introduces students to basic accounting procedures. It is designed for students who are interested in accounting but may need a more simplified approach, or for those who only have room for a semester course in their schedule. Students will learn account classification, basic principles of double-entry bookkeeping, and preparation of simplified financial statements. This class should not be taken at the same time as Recordkeeping I or Accounting.

WORLD OF WORK - 2250 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

CONTENT: This class is designed to give the student an opportunity to explore their career option. Students will research a career of their choice and write a short report. Students will also study proper application procedures, resume and cover letter techniques, interviewing skills, and learn about various laws that effect the workplace. This is a very practical course for anyone.

DECA

DECA

MARKETING EDUCATION/DECA I - WORK COOPERATIVE - 8333 - (Two Semesters)

GRADE LEVELS: 11, 12

PREREQUISITE: To complete the application process. Applications are available in room 307 or 309.

CONTENT: This is a two unit class offered for one or two years for juniors or seniors interested in pursuing a career in business and management. The students learn marketing in the classroom, and then they are released during the 7th and 8th block to practice what they have learned by working part-time in a marketing job. It is an excellent college preparatory class for students who plan a career in business and/or marketing.

WORK 7TH BLOCK FIRST SEMESTER - 7107
WORK 8TH BLOCK FIRST SEMESTER- 7109
WORK 7TH BLOCK SECOND SEMESTER - 7108
WORK 8TH BLOCK SECOND SEMESTER - 7110

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

GRADE LEVELS: 11, 12

PREREQUISITE: To complete the application process. Applications are available in room 307 or 309.

CONTENT: This is a one unit course. It is the same as Marketing Education/DECA I (Cooperative) - 8333, listed above, but does not have the employment requirement.

ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT/DECA II- (Work Cooperative) – 8332 (Two Semesters)

GRADE LEVEL: 12

PREREQUISITE: To complete the application process. Applications are available in room 307 or 309.

CONTENT: This two unit 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. Students are released block 7 and block 8 for job experience. This would also be an excellent course for students planning to major in marketing and/or business administration in college.

WORK 7TH BLOCK FIRST SEMESTER - 7107
WORK 8TH BLOCK FIRST SEMESTER- 7109
WORK 7TH BLOCK SECOND SEMESTER - 7108
WORK 8TH BLOCK SECOND SEMESTER – 7110

ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT/DECA II- (Non-Work Cooperative) – 8331 (Two Semesters)

GRADE LEVEL: 12

PREREQUISITE: To complete the application process. Applications are available in room 307 or 309.

CONTENT: This is a one unit class. It is the same as Entrepreneurship and Small Business Ownership 8332 but without the work requirement.

DRIVER EDUCATION

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

GRADE LEVELS: 10, 11, 12 Students may enroll in First or Second Semester, not both.

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, 2007 enroll in the first semester Driver Education program. Students who turn 16 on January 1, 2007 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.

Education

EDUCATION

ACCELERATED COLLEGE TRANSITION PLUS – 2600 – (One Semester)

GRADE LEVELS: 10, 11, 12 (First semester priority to Seniors – Second semester priority to Juniors)

PREREQUISITE: None

CONTENT: This totally revamped Act Review course will not only contain a basic ACT Review but 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.

STUDENT LEADERSHIP CLASS - 7890 - (Two Semesters)

GRADE LEVELS: 11, 12

PREREQUISITE: Completion of application or be elected as a Student Council Officer, a Senior Class Officer, or a Junior Class Officer.

CONTENT: Students will participate in a variety of leadership activities. Students will learn to develop objectives, use team building skills, and work cooperatively with others. Students will work individually and in small groups to accomplish major and minor projects relating to their respective leadership positions. The class will include STUCO events, assembly production, class projects, school wide projects, and community service projects.

ACADEMIC COMMITMENT TO EDUCATION - 2610 - (Two Semesters) (Weighted Course) (CD)

GRADE LEVELS: 11, 12

PREREQUISITE: Complete application. Class size limited.

CONTENT: ACE students will learn about self-esteem, barriers to learning, and the art of teaching. They will experience teaching and education through an array of field-based activities. In addition, ACE students will explore various careers in the teaching profession. This two semester honors course is open to college bound juniors and seniors meeting the enrollment standards. Students need not be committed to a teaching career. Please see Mrs. Bush for applications

FAMILY AND CONSUMER SCIENCES

ADULT AND FAMILY LIVING S1 - 3403 - (One Semester) First Semester Only

GRADE LEVELS: 11, 12

PREREQUISITE: None

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. Various FCCLA activities will be implemented in class - membership is encouraged.

ADULT AND FAMILY LIVING S2 - 3405 - (One Semester) Second Semester Only

GRADE LEVELS: 11, 12

PREREQUISITE: None

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. Various FCCLA activities will be implemented in class - membership is encouraged.

CAREER ORIENTATION: 3407 - (One Semester)

GRADE LEVELS: 11, 12

PREREQUISITE: None (Class size limited to 15 students)

CONTENT: Eight weeks of class instruction, one week of job orientation, eight weeks participating in job shadowing and training related to Family and Consumer Science areas (other student preference training) and a week to review and test.

While participating in the job shadowing and on-the-job training, the student would be monitored by both the teacher and employer. This class would be compatible with the DECA program. Enrollment applications may be picked up from Mrs. Gilliland.

FOOD SCIENCE AND PERSONAL NUTRITION - 3404 - (One Semester) (Offered alternate years)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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. Various FCCLA activities will be implemented in class - membership is encouraged.

Family & Consumer Sciences

HOUSING AND HOME FURNISHINGS - 3409 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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 - 3401 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

CONTENT: This in-depth study is designed to provide knowledge of family life and factors that influence life-styles and decisions. Attention is focused on marriage and family skills, life choices, parenthood, and family changes. Marriage and Family Life is intended as the basic core from which students gain the knowledge to develop relationships effectively and deal with the many relationships that are a part of everyday life. Various FCCLA activities will be implemented in class - membership is encouraged.

PARENTING AND CHILD DEVELOPMENT - 3402 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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

PERSONAL CLOTHING MANAGEMENT - 3406 (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None (Class size limited to 15 students)

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 to stretch the clothing dollar, clothing care and maintenance, altering ready-to-wear. This course is designed to encourage student creativity, develop practical skills, and understand "Dress for Success" principles. 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.

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

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Successful completion of French I with a grade of a "C" or above.
Strong grammar skills required.

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 Course) (CD & H)

GRADE LEVELS: 12

PREREQUISITE: Successful completion of French II with a grade of a "C" or above.
Strong grammar skills required.

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 Course) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Successful completion of French III with a grade of a "C" or above.
Strong grammar skills required.

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.

Foreign Language

GERMAN I – 3121 – (Two Semesters) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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.

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

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Successful completion of Spanish I with a grade of a “C” or above. Strong grammar skills required.

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 Course) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Successful completion of Spanish II with a grade of a “C” or above. Strong grammar skills required.

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 - 3190 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 10, 11, 12

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 - 3191 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Successful completion of Tu Mundo I with a grade of a "C" or above.

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 Course) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Successful completion of 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 Course) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Completion of AP application. Successful completion of 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. Taking the AP Spanish exam is a requirement of this course.

Industrial Arts

INDUSTRIAL ARTS

INDUSTRIAL CRAFTS - 3610 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

CONTENT: Industrial crafts is a course that will be divided into different areas to give the students a broad view of materials that can be used with crafts. The safe use of hand tools and machines along with the student's skills will be combined to make a finished project. Materials that can be worked with will be wood, plastic, and other materials or products that will be converted into the student's project. The student's own imagination and skill will play a large part in deciding what to work on.

WOODWORKING I - 3741 - (Two Semesters)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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)

GRADE LEVELS: 10, 11, 12

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.

WOODWORKING III - 3743 - (Two Semesters)

GRADE LEVELS: 11, 12

PREREQUISITE: Woodworking I and II

CONTENT: This course is designed to further the knowledge of the student's understanding of the woodworking industry. Besides the usual building project, students will learn the maintenance and repair of some machines and the daily upkeep of the shop. This class plans for the advance of the student's technical skills. A required lathe project adds to the student's abilities of operating machinery. Career opportunities and some job aspects will be discussed. The valuable skills learned in shop will always be of use when one is working with his own two hands.

LANGUAGE ARTS**ADVANCED ENGLISH LITERATURE - 4011 - (One Semester) - (Weighted Course) (CD & H)**

GRADE LEVEL: 12

PREREQUISITE: A grade of "B" or above in the previous composition and literature courses.

CONTENT: For the college-bound student, Advanced English Literature 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, assorted British poetry and various works of Charles Dickens, William Shakespeare and J.R.R. Tolkein. 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, discussion and writing.

ADVANCED ENGLISH LITERATURE/COMPOSITION - 4010 - (One Semester) - (Weighted Course) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Maintaining a "B" or above in the previous composition course.

CONTENT: This course is designed for those seniors who are college-bound. Study and note-taking skills will be reviewed and students will develop goal setting strategies. 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 - 4056 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Completion of AP application. It is highly recommended that the student have a grade of B+ or above in his previous composition and literature class.

CONTENT: This course emphasizes college level reading and writing. Students will study techniques to improve writing skills and build vocabulary. Literature studied includes traditional British works as well as contemporary multi-cultural novelists and poets. Summer reading is required; students who pre-enroll will receive a summer reading list from the instructor. AP English students are required to take the national AP Exam in May.

AMERICAN LITERATURE - 4026 - (One Semester) (CD)

GRADE LEVEL: 11

PREREQUISITE: None

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. Two novels are also read and studied: THE SCARLET LETTER, which deals with our Puritan heritage, and THE ADVENTURES OF HUCKLEBERRY FINN, which has its setting in the pre-Civil War South.

Language Arts

AMERICAN LITERATURE / COMPOSITION - 4025 - (One Semester) (CD)

GRADE LEVEL: 11

PREREQUISITE: None

CONTENT: This junior course is required for graduation. Continued vocabulary building, correct verb usage, verb tense, subordinate clauses, complex sentences, punctuation with concentration on special forms (brackets, parentheses, dashes, etc.) will be emphasized. Required writing will include various types of paragraph writing; and research strategies. This class will prepare students for English Literature and Advanced English Literature/Composition as well as develop important life-building skills. Included is a unit on modern American drama focusing on Thornton Wilder's Our Town.

CREATIVE WRITING - 4020 - (One Semester)

GRADE LEVELS: 11, 12

PREREQUISITE: "B" average in the previous English class.

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 style. 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- Semester 1 - 4070 - (One Semester) Semester 2 - 4071 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

CONTENT: This course is designed to help students who have NON-ENGLISH or EXTREMELY LIMITED English language skills communicate more effectively. Emphasis will be placed on oral skills with students given the opportunity to talk to one another in pairs, in groups, and in entire class discussions. Basic grammar skills will be taught to help students with written expressions of their ideas. Students will practice reading, vocabulary, and writing skills in order to perform necessary tasks in every day situations.

ELL II- Semester 1 - 4080 - (One Semester) Semester 2 - 4081 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

CONTENT: This course is designed to help students who have **LIMITED** English language skills communicate more effectively. Emphasis will be placed on oral skills with students given the opportunity to talk to one another in pairs, in groups, and in entire class discussions. Basic grammar skills will be taught to help students with written expressions of their ideas. Students will practice reading, vocabulary, and writing skills in order to perform necessary tasks in every day situations.

ENGLISH LITERATURE - 4055 - (One Semester) (CD)

GRADE LEVEL: 12

PREREQUISITE: None

CONTENT: This course is designed as a survey of early British Literature. Major works read may include BEOWULF, THE CANTERBURY TALES, MACBETH, DR. JEKYLL & MR. HYDE, and assorted poetry and other works by classic writers. The Arthurian legends are also studied with a basis in Thomas Malory's works. Writing and study questions will be emphasized to accompany the literature.

ENGLISH LITERATURE / COMPOSITION - 4054 - (One Semester) (CD)

GRADE LEVEL: 12

PREREQUISITE: None

CONTENT: As part of the focus on British drama and literature, students will study the writing process to reinforce the skills needed for competent writing. The course will include practice in sentence structures, word choice, parallelism, punctuation, and vocabulary. Writing assignments will cover various types of essays as well as a unit on the research process.

ENRICHED AMERICAN LITERATURE - 4029 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVEL: 11

PREREQUISITE: Students must meet Gifted Program Criteria.

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 five novels and five plays. All students are required to take the End of Instruction Test for English.

ENRICHED WORLD LITERATURE - 4004 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVEL: 10

PREREQUISITE: Students must meet Gifted Program criteria.

CONTENT: The gifted 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.

Language Arts

GRAMMAR AND COMPOSITION I - 4000 - (One Semester) (CD)

GRADE LEVEL: 10 - 12

PREREQUISITE: This class is designed for students who failed Grammar & Composition in the 9th grade.

CONTENT: Identification of the parts of speech, usage, mechanics, and sentence structure will be emphasized. The expository descriptive, narrative paragraphs and correct letter form will be studied. Vocabulary and spelling skills will be maintained. Library skills will be reviewed. Practical reading skills such as those required to read newspapers, applications, and forms will be maintained.

GRAMMAR AND COMPOSITION II - 4001 - (One Semester) (CD)

GRADE LEVEL: 10 - 12

PREREQUISITE: This class is for students who failed Grammar and Composition at the 9th grade.

CONTENT: Units on the short story, drama, nonfiction, poetry, the epic, and the novel will be studied. Emphasis will be placed on thinking critically about the literature, analyzing it, and writing about it. Appropriate literary terms will be studied. One book report will be required.

JOURNALISM Y1 - 4111 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Students should have a grade of "C" or above in World Literature Composition.

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 Y2 - 4112 - (Two Semesters) (CD)

GRADE LEVELS: 11, 12

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 Y3 - 4113 - (Two Semesters) (CD)

GRADE LEVEL: 12

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 - 4012 - (First Semester) - (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

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 - 4013 - (Second Semester) - (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

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.

WORLD LITERATURE - 4003 - (One Semester) (CD)

GRADE LEVEL: 10

PREREQUISITE: None

CONTENT: Students in World Literature II will enhance their knowledge in several areas: short story, drama, nonfiction, poetry, and the novel. Writing techniques, literary terms, vocabulary, and grammatical structure of the selections will be discussed. Students will improve their oral and written communication skills. TRAGEDY OF JULIUS CAESAR by William Shakespeare and SILAS MARNER by George Eliot (or a significant modern novel with the approval of the department chairperson) are works studied in this course. This course forms the basis for the study of American Literature in the junior year and English Literature in the senior year. All students are required to take the End of Instruction Test for English.

Language Arts

WORLD LITERATURE / COMPOSITION - 4002 - (One Semester) (CD)

GRADE LEVEL: 10

PREREQUISITE: None

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, including the introduction, body, and conclusion. Vocabulary building and spelling, editing, and proofreading skills will be maintained. Applied communication skills will be included in the instruction. These will assist the student develop and refine those job-related communication skills such as listening, speaking, and problem solving. All students are required to take the End of Instruction Test for English.

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

GRADE LEVELS: 10, 11, 12

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 - 4410 - (Two Semesters)

GRADE LEVELS: 11, 12

PREREQUISITE: Contextual Geometry or Geometry

This course is for students who have completed Contextual Geometry or Geometry 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 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) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Successful completion of 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) (CD)

GRADE LEVELS: 11, 12

PREREQUISITE: Algebra II

This course is for students who have completed Algebra II 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 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.

Mathematics

ENRICHED ALGEBRA II - 4515 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 10, 11

PREREQUISITE: Algebra I and Geometry – Must meet Gifted Program criteria.

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

PRE-CALCULUS - 4609 - (One Semester) - (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

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 - 4610 – (Two Semesters) – (Weighted Course) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Completion of Trigonometry and Pre-Calculus OR 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.

AP CALCULUS - 4611 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Completion of AP application. Completion of Trigonometry and Pre-Calculus OR 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. Students will be required to take the AP Calculus Test at the end of the year.

CONTEXTUAL GEOMETRY - 4531 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

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) (CD & H)

GRADE LEVELS: 10, 11, 12

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.

MATH ANALYSIS - 4510 (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Enriched Algebra II – must meet Gifted Program criteria.

CONTENT: This course utilizes all the topics studied in Algebra, Geometry, and Trigonometry to develop practical applications, conic sections, and the student's knowledge of 3-dimension figures. The student uses the computer and graphing calculators to study graphs of all types of equations, polar as well as coordinate. Math Analysis is the bridge between Trigonometry and Calculus. The last nine weeks will include an introduction to Calculus.

MATHEMATICS OF FINANCE - 4734 - (Two Semesters)

GRADE LEVELS: 10, 11, 12

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 Course) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Successful completion of Algebra II with a grade of a "C" or above.

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.

Physical Education

PHYSICAL EDUCATION, HEALTH, AND ATHLETICS

AEROBICS AND LIFETIME SPORTS – Semester 1 – 3312

Semester 2 - 3313

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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, swimming, and pickle ball. This class may be taken once each semester for credit.

ATHLETICS

Athletics and Athletic Training is a double block (block 7 and block 8)

PREREQUISITE: Must meet criteria for competition.

First Semester

3325 Baseball
3327 Basketball - Boys
3329 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
3365 Wrestling

Second Semester

3326 Baseball
3328 Basketball - Boys
3330 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
3366 Wrestling

ATHLETIC TRAINING - 3318 - (First Semester) 3319 - (Second Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

CONTENT: Students will work with athletic teams in the areas of treatment, care, and prevention of injuries. This course also includes management of equipment helping in the day to day operations of a competitive athletic team.

BOYS HEALTH EDUCATION - 3310 - (One Semester)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: None

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)

GRADE LEVELS: 10, 11, 12

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 – 3323 - (First Semester) 3324 (Second Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: This class will meet the physical education requirement.

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.

FITNESS AND WEIGHT TRAINING - 3321 - (First Semester) 3322 - (Second Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: None

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)

GRADE LEVELS: 10, 11, 12

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

SCIENCE

ASTRONOMY I- 5212 - (One Semester) (CD & H)

GRADE LEVELS: 10, 11, 12

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

ASTRONOMY II- 5213 - (One Semester) (Weighted Course) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: "C" or above in Astronomy I and Algebra I is required.

CONTENT: Astronomy II is an extension of Astronomy I. The focus is more analytical and more direct observations are required as part of the course. Observations are processed and archived online. Astrometric and photometric measurements will be explored through telescopes and CCD video equipment. Celestial objects and their motion will be of particular interest.

BIOLOGY I - 5030 - (Two Semesters) (CD & H)

GRADE LEVELS: 10, 11, 12

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.

ENRICHED BIOLOGY I - 5035 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must meet Gifted Program criteria.

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.

BIOLOGY II - 5031 - (Two Semesters) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: The completion of 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, botany, 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.

AP BIOLOGY - 5037 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Completion of AP application. Biology I and Chemistry is a prerequisite. Students will be required to complete summer assignments.

CONTENT: AP Biology is a rigorous year long course (weight 4.5) 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 are required to participate in summer homework, to take the end of the year AP Biology test, and complete a contractual agreement between student, parent, and teacher. Contact the AP Biology instructor for this contract.

AP BIOLOGY LAB - 5038 - (Two Semesters) (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Same as AP Biology. Completion of AP application. Must be enrolled in AP Biology course.

CONTENT: AP Biology lab course is a year long course designed to encourage detailed observation, accurate recordings, experimental design, manual manipulation, data interpretation, statistical analysis, operation of technical equipment, lab technique, problem solving, and the techniques of research. The experiments will cover biological chemistry, cell structure and function, energy transformation, molecular genetics, heredity, evolution, plant and animal structure and physiology, behavior, and ecology. This course will include twelve sub-labs and one independent lab research project. Students are required to take the end of the year AP Biology test.

Science

BOTANY - 5040 - (One Semester) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: A passing grade for both semesters of Biology I is required.

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 - 5050 - (Two Semesters) (CD & H)

GRADE LEVELS: 10, 11, 12

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.

ENRICHED CHEMISTRY - 5051 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Algebra I and must meet the Gifted Program criteria.

CONTENT: Enriched 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 - 5052 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Completion of AP application. Geometry and Chemistry/Enriched Chemistry. Student will be required to complete summer assignments.

CONTENT: AP Chemistry is a year-long laboratory course (weight 4.5) 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, to take the end of the year AP Chemistry test, and complete a contractual agreement between student, parent, and teacher. Contact the AP Chemistry instructor for this contract.

EARTH SCIENCE I (Geology) - 5140 - (One Semester) (CD & H)**GRADE LEVELS:** 10, 11, 12**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) - 5141 - (One Semester) (Weighted Course) (CD & H)**GRADE LEVELS:** 11, 12**PREREQUISITE:** A grade of a "C" or above in high school 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 - 5120 - (Two Semesters) (Weighted Course) (CD & H)**GRADE LEVELS:** 11, 12

PREREQUISITE: Completion of AP application. Biology I is required in addition to Chemistry or Physics. Student will be required to complete summer assignments.

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 six tasks to be accomplished during the summer prior to taking course. Extensive field trips should be expected. Alternative activities will be arranged for students with physical handicaps that may prevent participation. A contractual agreement between student, parent, and teacher is required. Contact the AP Biology instructor for this contract. Students will be required to take the AP Environmental Science exam at the end of the course.

Science

FUNCTIONAL ANATOMY (Formerly *Care and Prevention of Injuries*) - 5250 – (One Semester) (CD)

GRADE LEVELS: 11, 12

PREREQUISITE: "B" or above in 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.

PHYSICAL SCIENCE - 5127 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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.

ENRICHED PHYSICAL SCIENCE - 5128 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must meet Gifted Program criteria

CONTENT: Enriched 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, 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 – 5210 (Two Semesters) (Weighted Course) (CD & H)

GRADE LEVELS: 10, 11, 12

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. Some activities will require the collection of data within the community. 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 Course) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: The completion of 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) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: The completion of Biology I

CONTENT: As we learn zoology, we meet the myriad of organisms that once lived or with whom we presently cohabit the earth and we realize the unifying themes that connect all living things: respiration, reproduction, motility, and irritability. We will examine all organisms as to how they eat, breathe, move and reproduce. We will realize how these phenomena become increasingly diverse and complex as you move up the evolutionary tree. The course will involve some investigative dissection of various specimens.

Social Studies

SOCIAL STUDIES

EASTERN GEOGRAPHY - 5531 - (One Semester) (CD)
(Elective that counts as a citizenship skills for college entry.)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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.

ENRICHED EASTERN GEOGRAPHY - 5533 - (One Semester) (CD & H)
(Elective that counts as a citizenship skills for college entry.)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must meet Gifted Program Criteria.

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.

ECONOMICS - 5520 - (One Semester) (CD & H) (Elective that counts as a citizenship skills for college entry.)

GRADE LEVEL: 12

PREREQUISITE: None

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.

AP HUMAN GEOGRAPHY - 5530 - (Two Semesters) (CD & H)
(Elective that counts as a citizenship skills for college entry.)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Completion of AP application.

CONTENT: This course will introduce students to the study of geography by emphasizing the relevance of geographic concepts to human problems. The students in this class will study cultural features, such as language, industry and cities. The class will use natural science concepts to help students understand human behavior. The students will work on AP test taking skills. All students will be required to take the AP test in May.

INDEPENDENT RESEARCH IN SOCIAL STUDIES - 5735 - (One Semester) (Weighted Course) (CD & H)

GRADE LEVELS: 12

PREREQUISITE: None

CONTENT: The student will learn social studies research skills and be responsible for an end of semester project, presentation, or paper. Student will be required to complete summer assignments.

OKLAHOMA HISTORY - 5620 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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.

POLITICAL SCIENCE: THE CITIZEN AND THE CONSTITUTION - 5413 - (Two Semesters) – Weighted Course
(CD & H) (Elective that counts as a citizenship skill for college entry.)

GRADE LEVELS: 12

PREREQUISITE: "A" or "B" in 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.

Social Studies

PSYCHOLOGY - 5640 - (One Semester) (CD)

GRADE LEVEL: 12

PREREQUISITE: None

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. This course may be used as a Humanities credit for the Certificate of Distinction.

SOCIOLOGY - 5720 - (One Semester) (CD)

GRADE LEVEL: 12

PREREQUISITE: None

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. This course may be used as a Humanities credit for the Certificate of Distinction.

U.S. GOVERNMENT I- 5539 - (One Semester) (CD) (Elective that counts as a citizenship skills for college entry.)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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.

U.S. GOVERNMENT II- 5540 - (One Semester) (Weighted Course) (CD & H) (Elective that counts as a citizenship skills for college entry.)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: "A" or "B" in U.S. Government (9th Grade Requirement)

CONTENT: This course is designed to give students a more in-depth study of our government. This would be an addition to the government class at 9th grade and not a replacement. 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.

AP U.S. GOVERNMENT - 5541- (Two Semesters) - (Weighted Course) (CD & H)
 (Elective that counts as a citizenship skills for college entry.)

GRADE LEVELS: 12

PREREQUISITE: U.S. History - Completion of AP application.

CONTENT: This course is intended to allow qualified 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. All students will be required to take the AP test in May.

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

GRADE LEVEL: 11 (Required for Juniors)

PREREQUISITE: None

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.

ENRICHED U.S. HISTORY - 5411 - (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVEL: 11

PREREQUISITE: Must meet Gifted Program Criteria.

CONTENT: The emphasis of this course is to prepare the exceptional history student 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. There will not be any extra credit work. A notebook will be required. Students who have not taken enriched history before must pick up and study the course syllabus before enrolling.

AP U.S. HISTORY - 5412- (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 11, 12

PREREQUISITE: Completion of AP application.

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. All students will be required to take the AP test in May. A list of summer reading materials will be provided.

Social Studies

WESTERN GEOGRAPHY - 5532 - (One Semester) (CD) (Elective that counts as a citizenship skills for college entry.)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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.

ENRICHED WESTERN GEOGRAPHY - 5534 - (One Semester) (CD & H)
(Elective that counts as a citizenship skills for college entry.)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must meet Gifted Program Criteria.

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.

WORLD HISTORY/ANCIENT & MEDIEVAL - 5732 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12 (Sophomores are required to take one semester of Ancient/Medieval History or Modern History.)

PREREQUISITE: None

CONTENT: Ancient and Medieval History studies 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 - 5731 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12 (Sophomores are required to take one semester of Ancient/Medieval History or Modern History.)

PREREQUISITE: None

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.

ENRICHED WORLD HISTORY - 5730 - (Two Semesters) - (Weighted Course) (CD & H)
(This course may be used as ½ unit for citizenship and ½ unit for History.)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must meet Gifted Program criteria.

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 is intended for the advance student who is truly interested in an in-depth study of history.

AP EUROPEAN (WORLD) HISTORY - 5800- (Two Semesters) - (Weighted Course) (CD & H)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Completion of AP application.

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 that will be graded the first day of class.

Speech

SPEECH

ACTING AND DIRECTING - 4225 Semester One - 4226 - Semester Two - (One or Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITES: drama I or contest 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.

DEBATE - 4222 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: It is strongly recommended that students have at least a "B" average in their English class due to the magnitude of reading and writing required of this course. Some public speaking experience is also recommended.

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.

DRAMA I - 4220 Semester One - 4221 - Semester Two - (One Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Class size should be limited to 20 each 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.

DRAMA II & III / COMPETITIVE SPEECH - 4224 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: 9th grade speech/productions or Drama I, or Speech I, or Debate I. (Class size should be limited to 16). It is recommended that students have a "B" average or above in the prerequisite class. This will ensure that students have the basics needed for an advanced drama class.

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.

SPEECH I - 4223 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

CONTENT: This course is a one-semester beginning oral communications class. The course is geared toward the development of public speaking skills.

Technology

TECHNOLOGY

ADVANCED MULTIMEDIA APPLICATIONS - 2533 - (Two Semesters) (Weighted Course) (CD)

GRADE LEVELS: 10, 11, 12

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

CONTENT: Students will acquire skills associated with commercial web page development by using Dream Weaver, PhotoShop, QuickTime application, MacroMedia Director and/or Flash, and ArcView 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. This course counts as a practical arts credit.

COMPUTER APPLICATIONS I -2534 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Keyboarding or Proficiency Test (See Mrs. Zweifel or Mrs. Gelsthorpe regarding test.)

CONTENT: This class is an introductory course utilizing the Microsoft Office Suite. Students will learn the basics of word processing, spreadsheets, database, presentations, Internet, and E-mail. 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.

ADVANCED COMPUTER APPLICATIONS -2535 - (One Semester) (Weighted)(CD)

GRADE LEVELS: 11, 12

PREREQUISITE: Word Processing or Spreadsheets and 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 - 2530 – (Two Semesters) (May be used as CD-Technology or Standard Diploma Math)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Algebra II or Enrolled in Algebra II

CONTENT: The student will write programs in various programming languages including Visual Basic and C++. This course counts as a practical arts credit.

COMPUTER SCIENCE II - 2531 – (Two Semesters) (CD) (May be used as CD-Technology or Standard Diploma Math)

GRADE LEVELS: 11, 12

PREREQUISITE: Successful completion of Computer Science I with a grade of a “C” or above.

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 - 2532 - (Two Semesters) (CD) (Weighted)
(May be used as CD-Technology or Standard Diploma Math)

GRADE LEVELS: 11, 12

PREREQUISITE: Completion of AP application. Successful completion of Computer Science I or II.

CONTENT: To be successful in this course, students must have a high level of motivation and interest in computer science. 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. Students will be required to take the AP Computer Science test at the end of the year.

ENRICHED FINANCIAL LITERACY - 2591 - (One Semester) (Weighted Course) (CD)

GRADE LEVELS: 11, 12

PREREQUISITE: Algebra I with “B” or better average

CONTENT: Topics covered include basics of investing, credit cards and loans, financial thinking for the long run, personal and business financial statements, consumer and investment fraud, and basic accounting principals. The course will require a formal paper on investing in stocks, risk assessment, financial goals, investment fraud, and understanding the stock market. The report is entered into a contest with a chance of winning a \$2000 scholarship sponsored by Investor Protection Trust.

INTERNET SERVICES - 2551 (First Semester) 2552 (second semester)
(CD) (May be used for Technology credit only)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: One of the following: 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.

Technology

KEYBOARDING - 2361 - (One Semester)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: NONE

CONTENT: This class is designed for the student who has little or no computer experience. Students will learn the keyboard by touch, basic computer applications, and proper format for both business letters and research papers. Grades will be based on both accuracy and speed.

SPREADSHEETS - 2590 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Keyboarding or Proficiency Test (See Mrs. Zweifel or Mrs. Gelsthorpe regarding test.)

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 - 2392 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Keyboarding or Proficiency Test (See Mrs. Zweifel or Mrs. Gelsthorpe regarding test.)

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.

THE ARTS**ART****ART I, INTRODUCTION TO ART - 2810 - (Two Semesters) (CD)**

GRADE LEVELS: 10, 11, 12

PREREQUISITE: This course is a prerequisite for all other art classes. If this class was taken in the ninth grade, it does **NOT** need to be taken again. Prerequisites for all other art classes are met by this course, or the ninth grade Introduction to Art class.

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. A fee is assessed to help defer the high cost of art supplies.

AP STUDIO ART 2D- 2860 – (Two Semesters) (Weighted) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Completion of AP application. Recommend/not required, to have previously taken Advanced Art.

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. An art fee is assessed to defer the high cost of art supplies. However, students will be expected to purchase additional supplies for special projects. 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 – 2861 - (Two Semesters) (Weighted) (CD & H)

GRADE LEVEL: 12

PREREQUISITE: Completion of AP application. Recommend/not required, to have previously taken Advanced Art.

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. An art fee is assessed. However, students will be expected to furnish a significant amount of their own supplies. A portfolio of drawings will be submitted for evaluation by the College Board, in order to receive possible college credit.

The Arts

ADVANCED ART - 2816 - (First Semester) 2817 - (Second Semester) (Weighted) (CD)

GRADE LEVEL: 11, 12

Note: It is recommended that students enroll for a full year.

PREREQUISITE: A "B" or above in Art 1 and/or all other art courses.

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. A fee is assessed to help defer the high cost of art supplies. Beyond this fee, students will be expected to furnish a significant amount of their own supplies. Juniors in this class are encouraged to enroll in AP Studio Art their senior year.

ARTS AROUND US - 2850 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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.

DESIGN - 2814 - (First Semester) 2815 - (Second Semester) (CD)

Note: 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.

GRADE LEVELS: 10, 11, 12

PREREQUISITE: A "B" or above in Art 1 and/or all other art courses.

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. A fee is assessed to help defer the high cost of art materials. Independent thinking is encouraged. Therefore, students may need to purchase special items to complete individual projects.

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

Note: 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.

GRADE LEVELS: 10, 11, 12

PREREQUISITE: A "B" or above in Art 1 and/or all other art courses.

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. A fee is assessed to help defer the high cost of art supplies. Students may need to purchase special items to complete individual projects.

The Arts

Music

BAND - 2932 - (Two Semesters) **Note: this class is a double block-(blocks 1 and 2) (CD)**

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must meet criteria for performance.

CONTENT: The function of the instrumental music department is to provide students a musical experience that will enrich student lives aesthetically and morally. 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 I - 2940 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must be presently in an instrumental or vocal music class. Membership is based on auditions.

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

JAZZ ENSEMBLE II - 2941 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must be currently enrolled in band, orchestra, or choir. Students are selected by audition.

CONTENT: Performing group that gives the student the opportunity to explore various styles of music.

MIXED CHORUS - 2953 - (Two Semesters) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

CONTENT: Membership in the Mixed Chorus will provide the student with a musical experience that will enrich his/her life aesthetically and morally; 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.

MUSIC AROUND US - 2851 - (One Semester) (CD)

GRADE LEVELS: 10, 11, 12

PREREQUISITE: None

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 - 2930 - (Two Semesters) CD

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Must meet criteria for performance.

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 and also on the aesthetic, moral, and cultural values incorporated within the materials utilized. Band members are invited through invitation and audition to join string players within the larger context of Full Orchestra. In addition to regularly scheduled concerts, contests, and school performances, solo and ensemble contests, honor orchestras, and strolling strings are available for additional challenge.

SHOW CHOIR - 2952 - (Two Semesters) (CD)

GRADE LEVELS: 11, 12

PREREQUISITE: Audition is required for membership. Student must have been in a 10th grade vocal or instrumental class.

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.

SELECT CHORUS - 2954- (Two Semesters) (CD)

GRADE LEVELS: 11, 12

PREREQUISITE: Audition is required for membership. Also student must have had vocal or instrumental music as a sophomore.

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.

Yearbook

YEARBOOK

YEARBOOK I - 4240 - (First Semester) **Note: this class is a double block (blocks 1 and 2)** (CD)

YEARBOOK I - 4250 - (Second Semester) **Note: this class is a double block (blocks 1 and 2)**

GRADE LEVELS: 10, 11, 12

PREREQUISITE: Complete application process. Applicants must have maintained a "C" or above the previous semester.

CONTENT: This class is responsible for creating and publishing the school yearbook. It is a double block class first semester and a single block class second semester. Staff size is limited to no more than 20 students and will be chosen before spring enrollment.

YEARBOOK II- 4241 - (First Semester) **Note: this class is a double block (blocks 1 and 2)** (CD)

YEARBOOK II - 4251 - (Second Semester) **Note: this class is a double block (blocks 1 and 2)**

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Yearbook I

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

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 - Mrs. Trojan's approval required

COUNSELOR AIDE - Second Semester - 7161 - Mrs. Trojan's approval required

LIBRARY AIDE - First Semester - 7760 - Mrs. Davis's approval required

LIBRARY AIDE - Second Semester - 7761 - Mrs. Davis's approval required

OFFICE AIDE - First Semester - 7130 - Mr. Word's approval required

OFFICE AIDE - Second Semester - 7131 - Mr. Word's approval required

PROFICIENCY TESTING – Student may meet Certificate of Distinction and Standard diploma requirements by meeting Proficiency Testing guidelines.

Autry Technology Center courses that qualify for the Certificate of Distinction

AM Autry Tech classes will be blocks 1-2-3-4

PM Autry Tech classes will be blocks 5-6-7-8

1. Business and Information Technology Education

Combinations of the following business classes may be taken to meet the qualifications for the Certificate of Distinction:

Accounting Certification: This course is designed to prepare the student for the national Certified Bookkeeper exam. Through enhancement of the theoretical bookkeeping knowledge and the practical skills, the student will be able to obtain improved bookkeeping performance.

Accounting I: This course is designed to provide students with the beginning preparation for accounting careers and careers in related business fields for which mastery of some accounting knowledge and application is needed. Students will be provided a foundation on which to continue studying business and accounting at the collegiate level.

Accounting II: Accounting II is designed to teach accounting terminology related to a departmentalized merchandising business, a voucher system, a corporation, management accounting, cost accounting for a merchandising and a manufacturing business, and not-for-profit organizations. Students should understand accounting concepts and practices and demonstrate accounting procedures for selected accounting systems.

Accounting Projects: Accounting Projects is designed to provide a realistic experience in manually computing and preparing accounting records through simulations.

Automated Accounting: This course is designed to present and integrate accounting principles using a hands-on approach. Students will learn how modern computerized automated accounting systems function and gain experience in integrating accounting with other business applications.

The Cisco Networking Academy: The Cisco Systems Networking Academy consists of an online learning system approach that integrates the multimedia delivery of a networking curriculum with testing, performance-based skills assessment, evaluation and reporting through a Web interface. The Networking Academy curriculum goes beyond traditional computer-based instruction by helping students develop practical networking knowledge and skills in a hands-on environment. The lab setting closely corresponds to a real networking environment; students work with the architecture and infrastructure pieces of networking technology. As a result, students learn the principles and practices of networking technology. When a student finishes the material in the four-semester Cisco Systems Networking Academy program, he/she will be prepared to sit for the Cisco Certified Networking Associate (CCNA) exam.

CCNA 1 – Networking Basics – the first of the four courses leading to the Cisco Certified Network Associate (CCNA) certification. CCNA 1 introduces Cisco Network Academy Program students to the Networking field. The course focuses on network terminology and protocols, local-area networks (LAN's), wide area networks (WAN's), Open System Interconnection (OSI) models, cabling, cabling tools, router, router programming, Ethernet, Internet Protocol (IP) addressing, and network standards.

CCNA 2 – Routers and Routing Basics – the second of four CCNA courses leading to the Cisco Certified Network Associate (CCNA) certification. CCNA 2 focuses on initial router configuration, Cisco IOS Software management, routing protocol configuration, TCP/IP and access control lists (ACL's). Students will develop skills on how to configure a router, manage Cisco IOS Software, configure routing protocols, and create access lists controlling access to the router.

CCNA 3 – Switching Basics and Intermediate Routing – the third of four courses leading to the Cisco Certified Network Associate (CCNA) certification. The course focuses on advanced IP addressing techniques (Variable Length Subnet Masking [VLSM]), intermediate routing protocols (RIP v2, single-area OSPF, EIGRP), command-line interface configuration of switches, Ethernet switching, Virtual LAN's (VLAN's), Spanning Tree Protocol (STP), and VLAN Trunking Protocol (VTP).

CCNA 4 – WAN Technologies – the last of four courses leading to the Cisco Certified Network Associate (CCNA) certification. The course focuses on advanced IP addressing techniques (Network Address Translation [NAT], Port Address Translation [PAT], and DHCP), WAN technology and terminology, PPP, ISDN, DDR, Frame Relay, network management, and introduction to optical networking. In addition, the student will prepare for taking the CCNA Exam.

Computer Maintenance & A+ Certification: The primary purpose of this course is to prepare students to troubleshoot and repair microcomputer systems and their peripherals. Initially, this is a solid theory course that thoroughly describes typical microcomputer architectures and operations. Secondly, the course's lab procedures give the students a practical, hands-on example of these theoretical concepts through actual experimentation with a live system. Finally, the course develops the students' most advanced learning levels by causing them to analyze the system when faulty components are installed. This course prepares students for the independent industry A+ Computer Repair Certification.

Computer Maintenance – Hardware - During the fall semester, the students will focus on the hardware aspects of the curriculum to prepare for the Core Hardware portion of the A+ Certification Exam.

Computer Maintenance – Software - During the spring semester, the students will focus on operating systems software to prepare for the Operating System Technologies portion of the exam.

DOS (Disk Operating System): This course provides an in-depth study of computer hardware and operating system concepts. Focus will be on the command-line interface, referred to as DOS. Students will problem-solve using the command-line interface in the Windows XP environment. Focus will be on command Syntax, disk organizations, writing simple to complex batch files, troubleshooting, connectivity with local and wide area networks, and the Registry. The course of study will include theory, terminology, and applications in a hands-on environment.

Fundamentals of UNIX and Linux: This course provides students with the knowledge of how to utilize the UNIX and Linux operating systems and the CDE, GNOME, and KDE graphical user interfaces. The curriculum is provided by the Cisco Systems Networking Academy. This Academy consists of an online learning system approach that integrates the multimedia delivery of the curriculum with testing, performance-based skills assessment, evaluation and reporting through a Web interface. The Academy curriculum goes beyond traditional computer-based instruction by helping students develop practical knowledge and skills in a hands-on environment.

Implementing, Managing and Maintaining a Windows Server 2003 Network Infrastructure: This course teaches through lectures, discussions, scenarios, demonstrations, chapter review questions, textbook exercises, and classroom labs, the skills and knowledge necessary to configure, manage, and troubleshoot a Windows Server 2003 network infrastructure. It is intended for information technology (IT) professionals who wish to support, administer, or implement Windows Server 2003 networks, and for individuals preparing to take the 70-291 exam: *Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure*. Students will learn to implement, manage and monitor both DHCP and DNS, administer network security, secure network traffic with IPSec, implement and manage Software Update Services, configure routing by using Routing and Remote Access, and maintain a network infrastructure.

Installing, Configuring and Administering Microsoft Windows XP Professional: This course will introduce the students, through lectures, discussions, scenarios, demonstrations, chapter review questions, textbook exercises, and classroom labs, to the skills and knowledge necessary to install, configure, and manage Microsoft Windows XP Professional. It was developed for students entering the information Technology (IT) profession, and it teaches the fundamentals of configuring, supporting, and administering Windows XP Professional systems in standalone, small network, and corporate network environments. Windows XP Professional is a powerful and complex operating system. During this one-semester course, the students will learn much about Windows XP Professional, including installation methods and troubleshooting, hardware device installation and management, storage management, disaster recovery planning and management, and performance analysis. It is also designed to help individuals prepare to take Exam 70-270: *Installing, Configuring, and Administering Microsoft Windows XP Professional* and become a Microsoft Certified Professional (MCP).

Managing and Maintaining a Microsoft Windows Server 2003 Environment: This course will introduce students to Microsoft Windows 2003 Server through lectures, demonstrations, discussions, and hands-on labs. Students will perform an attended and an unattended installation of Windows 2003 Server, and will learn about the various file systems supported by Windows 2003. They will learn how to install and administer Active Directory services and how to manage Active Directory objects. They will use Microsoft Management Console to monitor system performance, to administer Internet Information Services, and to administer user accounts, group accounts, and group policies. They will learn how to administer print services, how to install and administer network protocols and services such as virtual private networking, Routing and Remote Access Service, DHCP, WINS, and DNS. They will also learn how to back up data, implement disaster protection, and recover from a disaster. Students will be eligible to take the Microsoft Certified Professional certification exam after successful completion of the course.

Multimedia (Fall Only): Students will have the opportunity to learn and practice communication skills and techniques using video technologies. They will learn the basic terminology and practices associated with video production. The curriculum will also consist of video projects using Adobe Premiere Pro video editing software. This course provides valuable training for the student pursuing most any career, as video has become an ideal communication tool in many occupational fields.

Network +: Network+ is a course designed to prepare users for CompTIA's newly revised 2005 Network+ certification exam. The course covers networking hardware and software along with the skills necessary to succeed in the dynamic field of networking. This is an introductory course with thorough explanations and labs covering networking fundamental concepts such as standards and protocols, network design and implementation, topologies and access methods, WAN's, network operating systems including Windows Server 2003, UNIX and Netware, TCP/IP, security and troubleshooting, and support.

Novell Networking: This course provides students with the knowledge and skills necessary to install and perform post-installation and day-to-day administrative tasks on a Novell network. The textbook utilizes a unique hands-on approach and orientation to real-world situations and problem solving. The course is intended to provide the student with the concepts, commands, and hands-on experience necessary to pass the NetWare CNA exam and enable them to apply NetWare in the development of microcomputer local area network systems.

Peachtree: This course is designed to simulate a business environment. The course will build upon the student's understanding of general ledger, accounts receivable, accounts payable, payroll and inventory. Student will learn to use the software *Peachtree for Microsoft Windows*.

QuickBooks: This course is designed to teach a complete accounting system for small businesses. Students will build upon their understanding of general ledger, accounts receivable, accounts payable, payroll and inventory.

Software Applications for IT: This course is designed to expose the students to the Microsoft Office suite. Many technicians are required to troubleshoot software as well as hardware. This class provides the student the opportunity to work through curriculum necessary to allow them to successfully work with and troubleshoot Microsoft Office products. Curriculum is provided for:

- Introduction to Windows & Intermediate Windows
- Introduction to Word, Intermediate Word & Advanced Word
- Introduction to Excel, Intermediate Excel & Advanced Excel
- Introduction to Access, Intermediate Access & Advanced Access
- Introduction to PowerPoint, Intermediate PowerPoint & Advanced PowerPoint
- Introduction to FrontPage & Intermediate FrontPage

Voice and Data Cabling (Panduit Network – Infrastructure Essentials): This course is designed for students interested in the physical aspects of voice and data network cabling and installation. It focuses on cabling issues related to data and voice connections and provides an understanding of the industry and its worldwide standards, types of media and cabling, physical and logical networks, as well as signal transmission. Students will develop skills in reading network design documentation, determining and purchasing cabling equipment, pulling and mounting cable, managing cable, selecting wiring closets, terminating cable at patch panels, installing jacks, and testing cable. This hands-on, lab-oriented course stresses documentation, design, and installation issues as well as laboratory safety, on-the-job safety, and working effectively in group environments.

Web Design (Spring Only): This novice course in web design introduces Macromedia's suite of web-authoring applications. In addition, HTML will be introduced before moving on to the software packages. Students will use Dreamweaver MX, Fireworks MX, and Flash MX to create appealing and cutting-edge multimedia.

2. **Drafting & Design:** In this program emphasis is placed on the theoretical and practical approach to engineering drawing. Instruction covers basic techniques such as architectural drafting, illustration, and Computer-Aided Drafting and Design (CAD).
3. **Electronics Technology:** Students in this program receive instruction on the theory and application of DC, AC, Analog, Digital electronics, and Robotics which meets education requirements for avionics, telecommunications, microcomputers, biomedical, industrial and military electronics technicians. Completion provides advanced standing in the Electronic Systems adult program.
4. **Graphic Arts:** This program develops the skills and teaches techniques used in the graphic arts industry, including computer design/layout, composition, proofreading, pasteup, stripping, platemaking, press operation, bindery and photography.
5. **Health Careers Certification:** This program 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. Anatomy and physiology credit.
6. **Oklahoma School of Science and Math (OSSM), Regional Center at Autry Technology Center:** Through housing a branch of the prestigious Oklahoma School of Science and Math, Autry Tech provides advanced science and math course work to high school seniors in the Autry Tech district who are gifted in these areas. This nationally-recognized academic program is excellent preparation for college.

BUSINESS AND INFORMATION TECHNOLOGY EDUCATION

Business and Information Technology offers block scheduling. Students may select from over 20 different classes. They have the option of enrolling in one or two blocks. *Certificate of Distinction courses.

Grade Level – 11, 12

Courses:

Business and Financial Services

Accounting Services I

Accounting I (Semester 1)

Business Calculations

Microsoft Excel

Accounting I (Semester 2)

Accounting Projects

Automated Accounting or QuickBooks

Accounting Services II

Accounting II (Semester 1)

QuickBooks or Peachtree

Accounting Projects II

Accounting II (Semester 2)

Peachtree or Elective

Accounting Certification

Administrative Professional

Microsoft Word/Excel (Fall only)

Microsoft Access/PowerPoint (Spring only)

Business Concepts

Office Procedures

IC³ for Business & Financial Services

Business Communications

Administrative Management

Human Resource Concepts (Fall only)

Managing People (Spring only)

Digital Media

Multimedia (Fall only)

Web Design (Spring only)

Information Technology

PC Technician

IC³ - Computing Fundamentals, Key Applications, and Living Online

Computer Maintenance – Hardware (Semester 1)

Computer Maintenance – Software (Semester 2)

DOS

Network Technician

Network+

Unix & Linux Fundamentals

Voice & Data Cabling

Network Administrator

Installing, Configuring, and Administering Microsoft Windows XP Professional

Managing and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

Managing and Maintaining a Microsoft Windows Server 2003 Environment

Business Electives

Cisco Certified Network Associate (CCNA) 1 – Networking Basics

CCNA 2 – Routers and Routing Basics

CCNA 3 – Switching Basics and Intermediate Routing

CCNA 4 – WAN Technologies

Novell Networking

Software Applications for IT

Keyboarding

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

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.

Grade Level – 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. *Certificate of Distinction course and 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

Medical Assistant students become efficient in management of a medical office and patient care.

Grade Level – 12

Content:

- Medical terminology
- CPR/First Aid Certification
- Overview of legal and ethical issues
- Computer training in medical software
- Preparation of medical exam rooms
- Health insurance filing
- Assisting physician with exams and treatment
- Administrative procedures
- Recognizing and responding to emergencies
- Injections

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

Aviation Maintenance Technology (General Section) students, through theory and technical information, gain a foundation on which they can build skills for becoming certified airframe and powerplant (A&P) mechanics. After successful completion of the General section, students may enroll as adults in the Airframe and Powerplant sections. Airframe and Powerplant sections are also required for FAA certification as an A&P mechanic. *Certificate of Distinction course.

Grade Level – 12

Content:

- Hangar and shop safety
- Mathematics
- Physics and Aerodynamics
- Ground handling and servicing
- Weight and balance
- Materials and processes
- Hardware and precision measuring instruments
- Cleaning and corrosion control
- Aircraft drawings
- Hand and power tools
- Fluid lines and fittings
- FAR's publications and records
- Basic electricity and DC circuits
- Battery service and inspection
- AC electrical circuits

Autry Technology Center

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.

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). *Certificate of Distinction course.

Grade Level – 11, 12

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

Electronics Technology students acquire concepts and skills for the repair and maintenance of electronics equipment. *Certificate of Distinction course.

Grade Level – 11, 12

Content:
AC/DC circuit applications
Solid state circuits and systems
Microprocessors
Computer repair
Computer programming
Circuit fabrication and soldering
Operational/electronic amplifiers
Programmable logic controller
Hydraulics
Pneumatics
Process control

Graphic Arts students prepare for a future in graphic design, advertising, printing, and publishing. This is a PrintEd certified program. *Certificate of Distinction course.

Grade Level – 11, 12

Content:
Computer design/layout
Composition
Proofreading
Paste-up
Film stripping
Platemaking
Production photography
Bindery operation
Electronic press operation
Estimating
Screen printing
Air brush
35mm/digital photography
Process camera operations
Desktop publishing
Production management

Autry Technology Center

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
Tiers and wheels
Clutches
Assembly and pre-delivery
Transmission and hydrostatic drives
Cooling systems and exhaust systems

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

Grade Level – 11, 12

Content:
Oxy-acetylene welding
Plasma welding
Gas welding
Arc welding
TIG welding
MIG welding
Pipe welding
Electrode selection
Brazing
Cutting
Soldering
Aluminum welding
Steel welding
Drill press operations
Fabrication
Blueprint reading

AUTRY TECHNOLOGY CENTER

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

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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
- Some Autry Tech classes can be used toward Certificate of Distinction
- 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 Calculus instructors are Nationally Board Certified.

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 the 4th unit of science or mathematics. Please see your career counselor for further information.

A 13th year tuition scholarship is available to students who have lived in Autry Technology Center's district their senior year and who meet the entrance requirements for Autry programs. Counselors use high school transcripts, test scores, attendance records, and behavior records to determine if the student meets entrance requirements. Scholarship recipients must attend Autry the school year immediately following their high school graduation.

**Autry Technology Center
Cooperative Agreements/College Credit
FY06**

Autry Technology Center is proud to partner with many area colleges and universities to offer students the opportunity to earn college credit while enrolled in Autry's programs. Following is a list of some of those partners. **Free college credit** through an alliance and cooperative agreement with Northern Oklahoma College is available for qualifying students who attend Autry Technology Center. For complete details and enrollment information, please contact an Autry Technology Center counselor at 580.242.2750.

Northern Oklahoma College, Enid and Tonkawa, OK

Autry Tech Program	NOC Degree	Potential Hours
Aviation Technology	Aviation Maintenance Technology	27 credit hours
Business and Information Technology	Office Management	27 credit hours
	Information Technology (Net. Eng.)	48 credit hours
Child Care (CDA Training)	Child Development	6 credit hours
Dental Assistant	Health Services Technology	27 credit hours
Drafting and Design	Engineering Tech-Drafting and Design	35 credit hours
Electronic Systems	Electronics Technology	50 credit hours
Electronics Technology	Electronics Technology	18 credit hours
Graphic Arts	Printing Technology	30 credit hours
Health Careers Certification	Health Services Technology	27 credit hours
Medical Assistant	Office Management Option	27 credit hours
Practical Nursing	Nursing: Registered Nurse (RN)	16 credit hours
Radiography	Radiography	52 credit hours
Surgical Technology	Surgical Technology	37 credit hours

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.

Mid-America Bible College, Oklahoma City, OK

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

OSU-Okmulgee, OK

Autry Tech Program	OSU-Okmulgee Degree	Potential Hours
Air Conditioning/Refrigeration Technology	Construction Technologies	6 credit hours
Automotive Technology	Automotive & Hevi Technologies	5-10 credit hours
Business and Information Technology	Information Technologies	53 credit hours
Collision Repair Technology	Automotive & Hevi Technologies	10 credit hours
Construction Technology	Construction Technologies	9 credit hours
Culinary Arts	Hospitality Services Technologies	8 credit hours
Diesel Technology	Automotive & Hevi Technologies	7 credit hours
Drafting and Design	Engineering Technologies	22 credit hours
Electronic Systems	Engineering Technologies	27 credit hours
Electronics Technology	Engineering Technologies	15 credit hours
Graphic Arts	Visual Communications Technologies	3 credit hours

OSU-OKC, Oklahoma City, OK

Autry Tech Program	OSU-OKC Degree	Potential Hours
Drafting and Design	Architectural Technology	13 credit hours

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 transcripted 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. General Education courses required for degree completion may be available on the Autry campus via IETV.

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 Management Hotel & Restaurant Management
Dental Assistant	→	Dental Hygienist Dentist
Health Careers Certification/ Medical Assistant	→	Nurse Pharmacist Physical Therapist Physician Radiologist
Drafting & Design	→	Architect Engineer
Electronic 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.

CERTIFICATE OF DISTINCTION

A certificate of distinction will be awarded to students who have met or exceeded the following criteria.

Overall grade point average of 3.25 on a 4.0 scale as measured by the seven semester rank-in-class roster.

Students must earn:

- 4 -----Units each of English, Mathematics, Social Studies and Science
- 2 -----Additional units in the areas of Technology, Humanities or the Arts.
- 2 -----Units in a Foreign Language

Achieve a satisfactory score, or its equivalent, on all end of instruction tests as required by state law.

Applicable vocational-technical classes offered by comprehensive high school vocational-technical programs shall qualify as the 4th unit of science or mathematics.

Concurrent enrollment (1000 level or above), Internet Based classes and/or proficiency testing may be substituted on a course-by-course basis to satisfy the academic units required for a certificate of distinction. (Counselors permission form required.)

Technology	Language Arts	Mathematics
CS 1113: Computer Concepts	ENGL 1113: Comp. I ENGL 1312: Comp. II	MATH 1513: College Algebra
Humanities	Social Studies	Science
LIT 2413: Intro. To Lit.	HIST 1483: Am. Hist. to 1865 HIST 1493: Am. Hist. Since 1865 ECON 2113: Macroeconomic Principles ECON 2123: Microeconomic Principles POLI 1113: American National Gov. POLI 1113: General Psychology SOC 1113: General Sociology	ASTR 1014: Astronomy BISI 1114: General Biology PHSC 1114: General Physical Science ESCI 1214: Earth Science