



COURSE CATALOG

2009-2010

**CADDO MAGNET HIGH SCHOOL
1601 VIKING DRIVE
SHREVEPORT, LA 71101
(318) 221-2501 OFFICE
(318) 227-1393 FAX
www.caddomagnet.net**

**Mary Rounds, Principal
mrounds@caddo.k12.la.us**

**Bryan Gallant, Assistant Principal - Administration
bgallant@caddo.k12.la.us**

**Queen Snyder, Assistant Principal - Instruction
qsnyder@caddo.k12.la.us**

**Sheryl Thomas, Assistant Principal - Instruction
shthomas@caddo.k12.la.us**

**Shannon Fortenberry, Counselor – 9th and 10th Grades
sfortenberry@caddo.k12.la.us**

**Linda Anderson, Counselor – 11th Grade
lwanderson@caddo.k12.la.us**

**Carol Brill, Counselor – 12th Grade
cbrill@caddo.k12.la.us**

**Debra Haineault, Bookkeeper
dhaineault@caddo.k12.la.us**

**Robin Weimar, Registrar
rweimar@caddo.k12.la.us**

SOCIOLOGY

Fee: None
Prerequisite: None

Grade: 11-12
Phase: General
Credit: ½-Elective

Sociology is the study of human relationships including the family, minorities, adolescence, sex roles, and adulthood.

WORLD GEOGRAPHY

Fee: TBA
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1-Elective

The basis for the structure of the course is the five-theme approach: place, location, region, mobility, and human-environment interaction. Community resources are tapped for use in the classroom and public speakers contribute to the understanding of the local scene. There is also an emphasis on problem-solving skills, and critical thinking in dealing with geography.

WORLD HISTORY GT

Fee: \$5
Prerequisite: Gifted and Talented Evaluation

Grade: 10
Phase: Honors
Credit: 1-Elective

Through lectures, videos, guest speakers, student projects, and performances, students learn to appreciate the boundless varieties of human experiences and endeavors from our primeval beginnings to our present realities. Specific courses of study coordinate with English II G/T, so that as students study the literature of a civilization, they are also studying the history.

WORLD HISTORY

Fee: TBA
Prerequisite: "B" or above in American History

Grade: 12
Phase: E, H
Credit: 1-Elective

This course is a brief survey of the history of the world from ancient civilizations to current world affairs.

EUROPEAN HISTORY AP

Fee: TBA

Prerequisite: "B" or above in American History

Grade: 12

Phase: Honors

Credit: 1-Elective

This course includes an extensive study of the political, cultural, social, and economic history of Europe. The goals are to develop an understanding of the themes in modern European history, to analyze historical evidence, and to express historical understanding in writing.

FREE ENTERPRISE

Fee: \$10

Prerequisite: None

Grade: 9-10

Phase: G, E/GT

Credit: ½-Required

This course explores basic economic concepts and the role of world and the public sector in a democracy. Relationships among structure, conduct, and performance of labor and industries in the American economy and other economies are studied. This course is paired with Civics.

PHILOSOPHY GT

Fee: \$5

Prerequisite: Gifted and Talented evaluation

Grade: 12

Phase: GT/H

Credit: 1-Elective

Philosophy begins with the three great Asian and Greek philosophers and progresses to modern philosophers. Along the journey, the seniors learn to philosophize and develop their own philosophy.

PSYCHOLOGY

Fee: None

Prerequisite: None

Grade: 11-12

Phase: General

Credit: ½-Elective

In this course the basic foundations of behavior about personality abnormalities, personality understanding, thinking processes, social interaction, and learning are taught.

PSYCHOLOGY AP

Fee: None

Prerequisite: Biology I and enriched level courses

Grade: 11-12

Phase: Honors

Credit: 1-Elective

AP Psychology consists of a full year of intensive study, focusing on personality theories and the newest treatments in psychotherapy. Lighter subjects such as dream interpretation and memory improvement will also be discussed. Studying recent articles will provide extension of the textbook. Students taking the course are encouraged to take the AP Exam.

ART

Students may select a maximum of six courses in art. No course may be repeated for credit. Magnet students express their creativity through a variety of visual arts including pottery, fibers, mixed media, advanced drawing, oil and watercolor painting, and calligraphy. Art students enhance the environment of the school by painting murals on the walls of the cafeteria and the halls. Artwork is exhibited in the library, teachers' lounge, the student center, art classrooms, and office bulletin boards.

DESIGN FUNDAMENTALS (ART I)

Fee: \$20
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1-Elective

The Art I course is designed to develop basic skills in the art media. Experimenting through art theory compositions and projects will also develop a broad knowledge and understanding of art in daily living.

MIXED MEDIA

Fee: \$30
Prerequisite: Design Fundamentals (Art I)

Grade: 10-12
Phase: General
Credit: 1-Elective

Mixed Media allows the student to apply the skills acquired in prerequisite courses to a variety of media. Students experiment with the reactions of different media, inks, paints, and some printing techniques with textured fibers.

PAINTING

Fee: \$35
Prerequisite: Design Fundamentals (Art I)

Grade: 10-12
Phase: General
Credit: 1-Elective

Painting provides for the advanced students an exploration experience in watercolor and oil painting. Application of color theory, elements and principles of design, and basic drawing and painting skills needed to create a composition enables the student to demonstrate painting techniques.

ADVANCED DRAWING

Fee: \$30
Prerequisite: Design Fundamentals (Art I)

Grade: 10-12
Phase: General
Credit: 1-Elective

Advanced drawing students are challenged with new ideas in drawing techniques. Utilizing skills acquired in the prerequisite course, the students apply these skills to more difficult drawing assignments. A variety of media is presented.

FINE ARTS SURVEY

Fee: \$10
Prerequisite: None

Grade: 10-12
Phase: General
Credit: 1-Elective

Survey of Fine Arts is a class designed to guide students toward an appreciation of the major arts, including painting, sculpture, architecture, music, dance, and drama. In addition to a general survey of the history of the arts, students will have “hands on” experiences with the arts and will be given opportunities to critique art works.

POTTERY I

Fee: \$65
Prerequisite: None

Grade: 10-12
Phase: General
Credit: 1-Elective

Pottery I students will learn basic techniques of pottery including hand building and throwing on the wheel. Various firing techniques including gas, electric, and RAKU will be explored. Projects include shoes, teapots, fountains, pitchers, lidded vessels, bowls, and Newcomb pots. Majolica and Rockwood style pots will be created.

POTTERY II

Fee: \$65
Prerequisite: Pottery I

Grade: 11-12
Phase: General
Credit: 1-Elective

Students will build on the skills learned in Pottery I, continuing to create various vessels with emphasis on the wheel. The students will mix many of their own glazes based on formulas from potters around the country. They will research these formulas on the Internet. Firing techniques will focus on RAKU, pit, and glass.

DIGITAL PHOTOGRAPHY

Fee: TBA
Prerequisite: consent of instructor

Grade: 11-12
Phase: General
Credit: 1-Elective

This is a beginning level course stressing technical and critical photographic skills. It focuses camera care, composition, and photography as it applies to the various mediums of art, advertising, and photojournalism. These skills will be developed through class demonstrations and assignments. Each student must have access to a digital camera.

SOCIAL STUDIES

The development of historical perspectives sensitive to the needs of today's world, a well-informed electorate, and a view of world cultures will be taught in courses such as world geography, world history, American history, civics, and free enterprise. Required courses include Civics (1/2 credit), Free Enterprise (1/2 credit), American History (1 credit), and World History or World Geography (1 credit).

AMERICAN HISTORY

Fee: TBA
Prerequisite: None

Grade: 11
Phases: G, E, H
Credit: 1-Required

This course in United States history is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American history.

AMERICAN HISTORY GT/AP

Fee: \$25 (combined with Eng. III)
Prerequisite: Gifted and Talented Evaluation

Grade: 11
Phase: Honors
Credit: 1-Required

This course in United States history is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American history.

ART HISTORY

Fee: \$10
Prerequisite: Instructor's consent

Grade: 11-12
Phase: Honors
Credit: 1-Elective

Art History takes a world approach to the history of art beginning with cave art and continuing up to the contemporary period. The specific arts that will be stressed are painting, sculpture, and architecture.

CIVICS

Fee: \$10
Prerequisite: None

Grade: 10-12
Phases: G, E, H
Credit: ½-Required

This is a half-credit course involving the democratic process in which the American citizenry is engaged. It includes units on local, state, and national political structure as outlined in the *U.S. Constitution*. This course is paired with Free Enterprise.

PHYSICS

Fee: \$10
Prerequisites: Enriched levels in Biology I,
Chemistry ("B" avg. both sem.),
Algebra I, and Geometry

Grade: 11-12
Phase: Enriched
Credit: 1-Elective

Level I Physics emphasizes the general concepts, laws, and principles of physics. This course concentrates on the application of physics fundamentals to every day situations.

PHYSICS II

Fee: \$10
Prerequisites: "B" average in Phy. Science-E,
Chem.-E, Bio.-E, Alg. II, and enrolled in Adv. Math

Grade: 11-12
Phase: Enriched
Credit: 1-Elective

This is a college-level course in classical Newtonian physics. Students must be proficient in mathematics through Algebra II and should be enrolled in advanced math or trigonometry while taking the course. The lecture/demonstration format is used extensively with laboratory exercises designed to illustrate major theoretical concepts.

PHYSICS II - AP

Fee: \$10
Prerequisites: "B" average in Phy. Science.-E,
Bio. I-E, Algebra II-E, Chemistry-E, Adv. Math,
and enrolled in Calculus

Grade: 12
Phase: Honors
Credit: 1-Elective

This is a college-level course in classical Newtonian physics. Topics covered include those in general physics, with emphasis upon mathematical development requiring enrollment in calculus. The lecture/demonstration format will be used extensively, with laboratory exercises designed to illustrate major theoretical concepts. Students enrolled in AP Physics are encouraged to take the Advanced Placement Exam at the end of the term.

SMART

Fee: None
Prerequisite: ACT score of 28, "B" or above
in all science classes, recommend. from prin.,
science dept., and counselor

Grade: 12
Phase: Honors
Credit: 2-Electives

The Science and Medicine Academic Research Training (SMART) program is a joint effort of Caddo Public Schools, LSU Health Sciences Center, and the Biomedical Research Foundation of Northwest Louisiana. The two-credit program places students in the laboratories of participating researchers who serve as the students' mentors for the entire year. Students spend a minimum of ten hours per week in the laboratory.

BUSINESS/TECHNOLOGY

In the area of business and technology, courses are offered in keyboarding, business computer applications, and technical drafting.

INTRODUCTION TO BCA

Fee: \$5

Prerequisite: None

Grade: 9-12

Phase: General

Credit: 1-Elective

The Introduction to Business Computer Applications course begins with a review of basic keyboarding skills. Upon completion of the course, the students will learn all keyboarding techniques and be introduced to the four applications of Microsoft 2003 (WORD, EXCEL, PowerPoint, and Access). Students will also gain knowledge in both personal and business development.

BUSINESS COMPUTER APPLICATIONS

Fee: \$5

Prerequisite: None

Grade: 10-12

Phase: General

Credit: 1-Elective

Business Computer Applications is designed to provide job training for entry-level employment in computer information processing-related areas or to prepare students for advanced study in the area of computer information processing at the post-secondary level. This course includes topic coverage of concepts and operating systems, word processing, spreadsheets, database, additional applications software, and telecommunications.

DESKTOP PUBLISHING

Fee: \$5

Prerequisite: Keyboarding, Computer Applications, IBCA, or BCA

Grade: 10-12

Phase: General

Credit: ½ -Elective

Desktop Publishing is a one semester course that will teach students how to produce printed materials.

WEB DESIGN

Fee: \$5

Prerequisite: Keyboarding, Computer Applications, IBCA, or BCA

Grade: 10-12

Phase: Enriched

Credit: ½ -Elective

Web Design is a one semester course that encourages creativity through developing user-friendly websites.

ENGLISH and RELATED COURSES

Students are required to take English I - IV. Academic excellence begins with a strong foundation in English. Aspiring students may expand their studies through a variety of elective courses: Creative Writing, Novels, Shakespeare, Journalism, Yearbook, Drama, and Debate.

ENGLISH I

Fee: \$5 - \$15

Prerequisite: None

Students learn grammar, usage, sentence structure, and vocabulary; skills needed for good writing and critical thinking are practiced.

Grade: 9

Phase: G, E, H

ENGLISH I/GT

Fee: \$20

Prerequisite: Gifted/Talented Evaluation

Students are immersed in a rich variety of classical literature accompanied by research, essays, lively discussions, presentations, media, and a photography/writing project. Grammar, usage, sentence structure, and vocabulary are taught regularly. Skills needed for good writing and critical thinking are practiced.

Grade: 9

Phase: Honors

Credit: 1-Required

ENGLISH II

Fee: \$5 - \$15

Prerequisite: English I

Continuing preparation for the GEE, as well as the PSAT, English II combines the studies of grammar, composition, literature, and vocabulary. Literature is analyzed by genre, and the major emphasis is on composition and vocabulary development. Students will read outside novels in addition to poetry, short stories, and drama in their textbooks.

Grade: 10

Phases: G, E, H

Credit: 1-Required

ENGLISH II/GT

Fee: \$5 - \$15

Prerequisite: Gifted/Talented Evaluation

English II GT is a humanities approach to world literature, which follows a chronological order in coordination with world history and places an emphasis on multiculturalism. World literature focuses on five areas of study: literature, composition, research, grammar, and vocabulary. First semester writing assignments are primarily creative writing, while second semester assignments involve research, collaborations, and presentations with a multidisciplinary approach.

Grade: 10

Phase: Honors

Credit: 1-Required

CHEMISTRY

Fee: \$10

Prerequisites: Alg. I, Geom., Phy. Sci., and Bio. E

Grade: 10-12

Phases: E and H

Credit: 1- Elective

Chemistry is a laboratory-oriented course in which students study the substances that make up our environment and the changes these substances undergo. Emphasis is placed on understanding concepts, experimentation, quantitative/qualitative observation, and development of skills and practices in laboratory techniques.

CHEMISTRY II (AP)

Fee: \$10

Prerequisites: "B" average in Chem-H. & Alg. II-H
(Both semesters)

Grade: 11-12

Phase: Honors

Credit: 1- Elective

Chemistry AP will cover essentially the same topics that a freshman-level college course covers, including atomic theory, intermolecular bonding, chemical nomenclature, stoichiometry, gas laws, kinetics, thermodynamics, acid-base reactions, solubility, and introductory organic chemistry. A science fair project will be required of each student.

EARTH SCIENCE

Fee: \$10

Prerequisite: None

Grade: 10-12

Phase: General

Credit: 1- Elective

Earth science deals with the physical nature and history of the earth. This includes properties and composition of rock types, mineralogy, nature and developments of the earth's crust, the interior of the earth, plate tectonics, paleontology, and the regional geology of our area. Earth science also covers astronomy and meteorology.

ENVIRONMENTAL SCIENCE

Fee: \$10

Prerequisites: Biology and Physical Science

Grade: 11-12

Phase: General

Credit: 1-Elective

The purpose of the environmental science course is to acquaint the students with their changing environment by understanding its functions and problems. This course is inquiry oriented, with major emphasis on the mounting concerns that are creating an ecological imbalance. The student is exposed to the basic principles of ecology and major problems encountered in specific areas. Examples of specific environmental problems are investigated in detail.

HEALTH EDUCATION

Fee: \$5-\$13

Prerequisite: None

Grade: 9-10

Phase: General

Credit: ½-Required

This half-credit course emphasizes wellness, positive choice making, relationships, communication skills, and the development of the total individual in the physical, emotion, mental and social aspects of life. It is a required course for graduation.

SCIENCE

Four science courses are now required for graduation. Students will take Biology I and three other science courses. Magnet students have received numerous awards in the Regional Science Fair, International Science Fair, Literary Rally, and the LA Junior Science & Humanities Symposium.

PHYSICAL SCIENCE

Fee: \$10

Prerequisite: None

Grade: 9

Phases: G, E, H

Credit: 1-Required

This is an introductory course, which emphasizes the basic concepts of chemistry and physics. Physical science is a prerequisite for most science courses taught at Caddo Magnet.

BIOLOGY

Fee: \$10

Prerequisites: Physical Science and Algebra I

Grade: 10

Phases: G, E, H

Credit: 1-Required

This course provides students with opportunities to gain an understanding of the basic concepts of biology. An introduction to life processes, methods of science, basic principles of chemistry, cell theory, genetics, reproduction and development, taxonomy, survey of the kingdoms, and the relationship of organisms to their environment are included.

BIOLOGY II (AP)

Fee: \$15

Prerequisites: "B" in Bio I- E or H & Chem. E or H
(both semesters) (both semesters)

Grade: 11-12

Phase: Honors

Credit: 1- Elective

Upon completion of this course, students are prepared to take the Advanced Placement Test for biological science. Students will have mastery over the topics covered in a college level biology course. A science fair project is required. Students will conduct labs from the AP manual, supplemental labs consistent with AP concepts, and student-designed labs.

ENGLISH III

Fee: \$5 - \$15
Prerequisites: English I and II

Grade: 11
Phases: G, E, H
Credit:1- Required

English III is a chronological study of American literature and a continued study of grammar, composition, and vocabulary. Composition requirements include a formal research paper. This course works in tandem with the required American history course.

AMERICAN STUDIES

Fee: \$10 (vocabulary workbook)
Prerequisites: English I and II

Grade: 11
Phase: Honors/AP
Credits: 2 (Eng.III/ Amer. Hist.)

American Studies is a two-hour humanities block consisting of American History and English III. The class, which is taught by a team of two teachers, incorporates American literature and fine arts into a chronological study of the history of the United States. Students will participate in group projects, computer activities, and field trips.

ENGLISH III/GT

Fee: \$25 (with US Hist AP)
Prerequisites: Gifted/Talented Evaluation

Grade: 11
Phase: Honors
Credit:1-Required

In order to become familiar with works that have particular literary, historical, or social value, students read approximately twelve supplemental works during the year. The literature and history teachers coordinate their units so that the students can see the relationship between American history and the literature of each period. Field trips to area museums help to integrate the visual arts with the study of history and literature.

ENGLISH IV

Fee: \$5 - \$15
Prerequisites: English I, II, and III

Grade: 12
Phase: G, E, H
Credit: 1- Required

English IV includes the study of British literature and culture with a review of grammar and an emphasis on composition and continued vocabulary development. Writing assignments focus mainly on the critical essay. Students write a formal research paper as part of the course requirement.

ENGLISH IV/AP or ENGLISH IV/GT AP

Fee: \$10

Prerequisites: English I, II, and III or GT Evaluation

Grade: 12

Phase: Honors

Credit: 1- Required

AP English extends beyond the traditional 12th grade survey of British literature. This course is characterized by content immersion and a fast pace; performance is assessed at the analysis and synthesis levels of learning. AP English involves improvement of writing skills, critical reading, research skills, vocabulary, style analysis, higher-level thinking, and grammar. A formal research paper is required. Students have the opportunity to earn dual enrollment credit.

SHAKESPEARE I, II

Fee: TBA

Prerequisites: English I and II

Grade: 11-12

Phase: Enriched

Credit: ½ -Elective for each

This survey of Shakespeare's poetic and dramatic works will consist of two one-semester halves designed to provide the student with in-depth coverage of Shakespeare's poetry and plays, using selections taken from the sonnets, the tragedies, the histories, the comedies, and the romances. Shakespeare Survey I will focus on the sonnets and the early plays, and Shakespeare Survey II will cover the later plays.

NOVELS

Fee: TBA

Prerequisites: "B" average in Eng. I and II

Grade: 11-12

Phase: Honors

Credit: 1-Elective

The novels course provides the student books and resources not generally available to read in high school. Novels offer an exciting variety of world literature. Some of the selections have just recently been translated into English.

CREATIVE WRITING

Fee: TBA

Prerequisites: English I, II, & III

Grade: 12

Phase: Honors

Credit: 1-Elective

Creative Writing is designed as a comprehensive study in which students analyze sentence structure and levels of language usage. Students explore creative possibilities of the modes of description, narration, exposition, persuasion, and play writing. Students also work with the techniques of poetry, drama, short stories, and multimedia.

GENERAL PE I - IV

Fee: \$10
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1

This is a general survey of physical education activities, with an emphasis on team, individual, and life sports. Selected units include physical and motor fitness, volleyball, and tennis.

FENCING (Beginning and Advanced)

Fee: \$20 per semester
Prerequisite: Instructor's consent for advanced

Grade: 9-12
Phase: General
Credit: 1

The beginning level of fencing will include the history, language, footwork, care and selection of equipment, simple and compound attacks, defensive skills, bouts, and simple tactics. Intermediate and advanced classes concentrate on conditioning, electric fencing, bouting, and complex tactics. The three weapons studied include the foil, epee, and sabre.

GYMNASTICS (Beginning and Advanced)

Fee: \$20
Prerequisite: Instructor's consent for advanced

Grade: 9-12
Phase: General
Credit: 1

An introduction to gymnastics will include progression on the equipment, safety, basic execution and drills, which enable the student to master the basic skills on all pieces of equipment. Included within this program is an adventure based climbing unit that teaches rock climbing/rappelling.

FUNDAMENTALS OF DANCE

Fee: \$20
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1

Units include aerobics, tap, ballet, dance line, modern and jazz dancing.

DANCELINE

Fee: TBA
Prerequisite: Spring tryouts

Grade: 9-12
Phase: General
Credit: 1-Elective

Danceline combines the art of dance with military precision using intermediate level dance skills and techniques. The group will perform for school and community functions and participate in local, state, and national competitions. Emphasis is placed on team cooperation, respect, and responsibility.

PIANO III

Fee: \$25
Prerequisite: Piano II or audition

Grade: 9-12
Phase: General
Credit: 1-Elective

This course investigates stylistic aspects of all periods of piano literature. Music history and theory are included with the study of particular pieces. The course is taught using electronic lab, but with frequent recourse to acoustic pianos. Solo, duet, and accompaniment techniques are studied.

PIANO III – A

Fee: \$25
Prerequisite: Piano II or audition

Grade: 9-12
Phase: General
Credit: 1-Elective

This course investigates stylistic aspects of all periods of piano literature. Music history and theory are included with the study of particular pieces. Solo, duet, and accompaniment techniques are studied.

CHORAL MUSIC

The Caddo Magnet Choir has been a consistent sweepstakes winner at District and State LMEA Choral Festivals. Choir members are chosen every year to be a part of the Louisiana All-State Choir, and we consistently place more students in the Caddo Parish Honor Choir than any other choir in the district. The choir has the opportunity to perform for many community and civic events throughout the year.

CONCERT CHOIR

Fee: \$50
Prerequisite: Audition/consent of instructor

Grade: 9-12
Phase: General
Credit: 1-Elective

Choir is a class designed for students who can demonstrate a basic knowledge of correct vocal technique and perform as members of a mixed chorus. Performances include school functions during the day and night as well as other school and civic related events around the community.

PHYSICAL EDUCATION

The physical education curriculum emphasizes lifetime activities. Sports such as fencing, tennis, gymnastics, and dance are offered for both elective and required credits. The varsity athletics program includes, golf, tennis, track and field, fencing, soccer, softball, and gymnastics.

DRAMATIC INTERPRETATION I

Fee: \$10
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1-Elective

Speech I is an introductory speech course with emphasis on drama. The students will study use of the voice, basic communications, public speaking, oral interpretation, and drama.

DRAMA II/III

Fee: \$20
Prerequisite: Drama I or audition

Grade: 10-12
Phase: General
Credit: 1-Elective

This course is an in-depth look into the theatre and acting. It includes a study of voice and diction, oral interpretation, theatre history, acting, and stagecraft. Students will be encouraged to participate in school play productions.

ADVANCED DRAMA/SPEECH IV

Fee: \$20
Prerequisites: Drama I & II or consent of instructor

Grade: 11-12
Phase: General
Credit: 1-Elective

This course continues further study in all areas of drama, but students are required to be directly involved in all school productions, either in acting or technical theater. Seniors are also responsible for a performance project.

SPEECH V TECHNICAL DRAMA

Fee: \$30
Prerequisites: Drama I or Art and an interview

Grade: 11-12
Phase: General
Credit: 1-Elective

This course will cover all aspects of stagecraft and technical theater including set design, scenery and set building, props, costumes, makeup, sound, lights, and stage management. Students will be directly responsible for the technical aspects of all school productions.

SPEECH VI (TECHNICAL PRODUCTION II)

Fee: \$20
Prerequisite: Speech V

Grade: 12
Phase: General
Credit: 1-Elective

This is an advanced course in technical production. It includes further study and hands-on work in theater production, including set design, scenery and set building, props, costumes, make-up and stage management. Students must work on all theater productions.

JOURNALISM I

Fee: \$15
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1-Elective

Students learn journalistic writing style and explore careers in the mass media. Newspaper, television, radio, photographic, and magazine journalism are studied. The business aspect of this course includes selling advertisements by students for the school newspaper. This course is recommended for students interested in working on the newspaper or yearbook staff.

NEWSPAPER I, II

Fee: None
Prerequisite: Permission of instructor

Grade: 10-12
Phase: General
Credit: 1-Elective

Students are responsible for the complete production of the *Utopia*, the school's newspaper, including designing, writing, editing, and advertising. Students learn to properly operate camcorders, VCR's, and editing equipment.

VIDEO JOURNALISM

Fee: \$15
Prerequisite: Permission of instructor

Grade: 11-12
Phase: General
Credit: 1-Elective

Broadcast students use digital cameras, computers, and editing software to produce a weekly twelve-minute news/feature program, which highlights campus events and personalities, as well as original, creative pieces. This program is aired in all classes via the Channel One network.

DEBATE I – IV

Fee: None
Prerequisite: Permission of instructor

Grade: 9-12
Phases: Gen. I, Enr. II- IV
Credit: 1-Elective

Debate is an in-depth course in forensic debate and argumentation. Students will learn debate skills, research the national debate question, prepare briefs and files, and polish good speaking deliveries. Students will be expected to demonstrate their forensic skills through participation in debate tournaments.

YEARBOOK I – II

Fee: \$55 (summer workshop)
Prerequisite: Permission of instructor

Grade: 11-12
Phase: General
Credit: 1-Elective

The yearbook class is charged with the publication of the *Odyssey*. Yearbook publication needs staff members with talents in these fields: advertising and subscription sales, layout, photography, copy writing, art, math, and managerial skills.

CONCERT BAND

Fee: \$70

Prerequisite: Audition and consent of instructor

Grade: 9-12

Phase: General

Credit: 1-Elective

The band is a performing organization, whose primary repertoire is drawn from marching and concert-styled music. Performances include school functions during the day and night as well as other school and civic related events around the community.

JAZZ ENSEMBLE

Fee: \$30

Prerequisite: Audition

Grade: 9-12

Phase: General

Credit: 1-Elective

Students are taught the basics of jazz improvisation as well as traditional and contemporary idioms of jazz. Performances include school functions during the day and night as well as other school and civic related events around the community.

ORCHESTRA I (STRINGS)

Fee: \$70

Prerequisite: Three years experience and audition

Grade: 9-12

Phase: General

Credit: 1-Elective

Strings Orchestra will include the fundamentals of string playing, as well as orchestral performance.

ORCHESTRA II (CHAMBER)

Fee: \$70

Prerequisite: Audition

Grade: 9-12

Phase: Enriched

Credit: 1-Elective

The Chamber Orchestra course includes solo, chamber music, and full orchestra experiences. Several performances, as well as participation in solo-ensemble and orchestra festivals, are included.

PIANO I

Fee: \$25

Prerequisite: None

Grade: 9-12

Phase: General

Credit: 1-Elective

This is a beginner course for the student who has had no piano instruction. Students learn to read, write, and play music.

PIANO II

Fee: \$25

Prerequisite: Piano I or audition

Grade: 9-12

Phase: General

Credit: 1-Elective

As a continuation of Piano I, different styles of piano music are studied in Piano II. Longer compositions are taught, and advanced techniques are developed. Composition and ear training are introduced.

PRECALCULUS

Fee: \$1

Prerequisites: "B" or above in Alg. I, II, and Geometry

Grade: 11-12

Phase: Honors

Credit: 1-Elective

This course serves as an extension of Algebra II and as a preparatory course for Calculus. Topics include elements of set theory, ordered fields, mathematical induction, introduction to sequences and series, elementary vector algebra, plane analytic geometry, functions and their graphs, circular functions and trigonometry, matrices and determinants, space geometry, introduction to probability theory, limits, derivatives of polynomial functions, curve sketching and continuity.

CALCULUS AP (AB/BC)

Fee: \$1

Prerequisites: "B" or above in Adv. Math II

Plus teacher recommendation

Grade: 12

Phase: Honors

Credit: 1-Elective

Students taking this course are expected to be proficient in mathematics through advanced math and to have a basic knowledge of the topics covered in physical science. Topics covered include analytic geometry, functions and their graphs, sequences and series, limits of functions, continuity, derivatives, instantaneous rates of change, differentials, the definite integral areas under curves, volume of solids, and differential equations.

COMPUTER SCIENCE

Fee: \$10

Prerequisites: Algebra I and Physical Science

Grade: 10-12

Phase: Enriched

Credit: 1-Elective

This full-credit course will meet the college requirement of at least one credit in computer science. It is an introduction to programming in BASIC language using computers. This course provides students with an understanding of what is necessary to create well-designed, well-structured programs. Students learn to use top-down design in developing solutions to a variety of problems.

INSTRUMENTAL MUSIC

The Caddo Magnet orchestra and band have won district and state awards each year. They perform for civic and professional groups on numerous occasions and compete in the local Solo Ensemble Competition. Many orchestra and band students are recipients of music scholarships.

FOREIGN LANGUAGE

In all levels, the teachers emphasize oral communication, stress mastery of grammatical and linguistic concepts, and include reading and writing about the culture of the countries. Students in level IV and V take the Advanced Placement Exams. Each year, Magnet foreign language students place at the top of every competition, including national language exams, Literary Rally, and oral proficiency competitions.

FRENCH I

Fee: TBA (workbook and magazines)

Prerequisite: None

Grade: 9-12

Phase: General

Credit: 1-Elective

French I, an introductory course taught in the target language, puts emphasis on communication: speaking, listening, reading, and writing skills. Culture of the French-speaking countries is an integral part of the course.

FRENCH II

Fee: TBA (workbook and magazines)

Prerequisite: French I

Grade: 9-12

Phase: Enriched

Credit: 1-Elective

This intermediate course continues to expand the target language. Students improve their speaking, listening, reading, and writing skills. Additionally, comparative grammar is incorporated, and culture continues to be explored.

FRENCH III

Fee: TBA

Prerequisites: "B" in French II/ consent of instructor

Grade: 10-12

Phase: Honors

Credit: 1-Elective

Students continue the emphasis on communication: listening, speaking, reading, and writing skills. In addition, students analyze various literary excerpts such as poetry, short stories, articles, magazines, and read *Le Petit Prince* by St. Exupéry. It is in preparation for the Level IV AP class.

FRENCH IV/AP (preparation for AP Language)

Fee: TBA

Prerequisites: "B" in French III/ consent of instructor

Grade: 11-12

Phase: Honors

Credit: 1-Elective

This course prepares students for the French Language Advanced Placement Exam. An emphasis on communication is continued. Students review grammar individually and in class. They will study and analyze literature from the XX to the XVII centuries. This course is similar to an intermediate French college course.

GERMAN I

Fee: TBA
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1-Elective

This is an introductory course to the German language. It is designed to give students a working knowledge of the language. Listening, speaking, reading, and writing skills are emphasized. The culture of the German speaking countries is included throughout the curriculum.

GERMAN II

Fee: TBA
Prerequisite: German I

Grade: 10-12
Phase: Enriched
Credit: 1-Elective

German II continues the study of the German vocabulary, grammar, and culture. Students extend their ability in reading, writing, speaking, and listening.

GERMAN III

Fee: TBA
Prerequisites: "B" in German II/ consent of instructor

Grade: 11-12
Phase: Honors
Credit: 1-Elective

Students continue to sharpen their listening, speaking, reading, and writing skills. In addition, students will analyze various literary excerpts. The culture of German speaking countries continues to be explored.

GERMAN IV (AP)

Fee: TBA
Prerequisites: "B" in German III/ consent of instructor

Grade: 12
Phase: Honors
Credit: 1-Elective

German IV continues the use of the language in speaking, listening, reading, and writing activities at an advanced level. This course is a survey of German literature and emphasizes the culture of the German speaking countries. Students practice extensively on the organization and writing of compositions. This course is similar to an Intermediate German college course.

GERMAN V (AP)

Fee: TBA
Prerequisites: "B" in German IV/ consent of instructor

Grade: 12
Phase: Honors
Credit: 1-Elective

German V is an extension of the German IV course. Students will focus on the analysis of poetry, short stories and novel excerpts from the XX and XXI centuries. This course is also similar to an Intermediate German college course.

GEOMETRY

Fee: \$1
Prerequisite: Algebra I

Grade: 9-12
Phases: G, E, &H
Credit: 1-Required

Geometry is designed to help the student better understand the nature of a mathematical system and to reason logically. This course emphasizes both basic structure in geometry and proficiency in developing formal proofs. Emphasis is placed on the clarity and precision of language. Consideration is given to developing powers of spatial visualization, strengthening algebraic skills, and gaining understanding of concepts of space geometry integrated with plane geometry.

ALGEBRA II

Fee: \$1
Prerequisites: Algebra I and Geometry

Grade: 10-12
Phases: G, E, & H
Credit: 1-Required

Algebra II is a continuation and compilation of material presented in Algebra I and geometry. Students will be expected to perform multiple operations on real numbers, algebraic expressions, complex numbers, and polynomials. The student solves problems involving exponential, logarithmic, and inverse functions, conic sections and polynomial and rational equations and inequalities.

ALGEBRA III

Fee: \$1
Prerequisites: Algebra I, II, and Geometry

Grade: 11-12
Phase: General
Credit: 1-Elective

Algebra III is a general class for those students who want a fourth math class as an elective in their senior year in order to maintain and enhance their math skills before entering college. This course is designed as a continuation and compilation of material presented in Algebra I & II and geometry. Algebra III will continue the concepts taught in Algebra II and will also emphasize trigonometry, problem solving, and solving equations involving real and imaginary numbers.

ADV MATH FUNCTIONS

Fee: \$1
Prerequisites: "C" or above in Alg. I, II, and Geometry

Grade: 11-12
Phase: Enriched
Credit: 1-Elective

Trigonometry provides an alternative to Advanced Math for the student who wants an additional math course, but who may not intend to pursue a strong math or science curriculum in college. Emphasis in trigonometry is on the logical development of circular functions and their applications, the value and application of trigonometric functions and vectors, complex numbers and matrices. Topics in advanced math will be included to enhance preparation for college.

JROTC III

Fee: None

Prerequisite: JROTC II/Personnel Data Form

Grade: 11

Phase: General

Credit: 1-Elective

JROTC III reinforces the concepts of leadership, management, and communications taught in JROTC I and II, through classroom instruction and practical exercises while assigned to leadership positions during leadership laboratory. Additionally, students are taught military history, advanced first aid, intermediate navigation skills, and an appreciation of physical fitness.

JROTC IV

Fee: None

Prerequisite: JROTC III/Personnel Data Form

Grade: 12

Phase: General

Credit: 1-Elective

JROTC IV students are assigned senior command and staff positions and apply the organizational skills learned the previous three years to managing and leading the corps of cadets. Students will perform assigned tasks commensurate with their command and staff functions. Evaluations are based on performance.

MATHEMATICS

The major goals of the math department include providing all students with fundamental skills and college preparatory experiences necessary for further mathematics development.

ALGEBRA I

Fee: \$1

Prerequisite: None

Grade: 9-12

Phases: G, E, & H

Credit: 1-Required

Algebra I emphasizes both the structure of algebra by use of the real number system and the development of computational problem-solving skills. Techniques are developed to solve problems dealing with integers, angles, mixtures, uniform motion, work, and percent. The course explores equations, inequalities, polynomials, functions, and quadratic equations, and provides an introduction to geometry.

ITALIAN I

Fee: TBA
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1-Elective

Italian I will introduce basic vocabulary, grammar structures, and conversational and idiomatic phrases. Italian culture is an integral part of the curriculum. Listening, speaking, reading, and writing skills are also emphasized.

ITALIAN II

Fee: TBA
Prerequisite: Italian I

Grade: 9-12
Phase: Enriched
Credit: 1-Elective

This course is a continuation of Italian I. The emphasis is still on listening, speaking, reading, and writing skills. The study of the Italian culture is included throughout the curriculum.

ITALIAN III

Fee: TBA
Prerequisite: "B" in Italian II/ consent of instructor

Grade: 10-12
Phase: Enriched
Credit: 1-Elective

In Italian III, students continue to sharpen their listening, speaking, reading, and writing skills. In addition students will analyze various literary excerpts from the xx century Italian literature. Students will also focus on a more in-depth study of Italian geography. Other aspects of the Italian culture continue to be emphasized.

ITALIAN IV

Fee: TBA
Prerequisite: "B" in Italian III/consent of the instructor

Grade: 11-12
Phase: Honors
Credit: 1-Elective

In Italian IV, students will focus on a survey of Italian literature and a more in-depth study of Italian history. As in previous levels, listening, speaking, reading, and writing skills are practiced extensively. Multiple aspects of Italian culture continue to be explored. This course is similar to an Intermediate Italian college course.

LATIN I

Fee: TBA
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1-Elective

The Cambridge Latin course introduces students to the Latin language with engaging stories set in Pompeii and Roman Britain. Students learn about Roman history and culture through readings on the gladiators, the eruption of Mount Vesuvius, the Roman gods and many other topics. The course emphasizes improving students' command of English vocabulary through the study of Latin roots.

LATIN II

Fee: TBA
Prerequisite: Latin I

Grade: 10-12
Phase: Enriched
Credit: 1-Elective

This course continues the study of Latin within the context of interesting and authentic stories set in Roman provinces and in Rome. Students complete their study of basic Latin grammar and move toward a mastery of Latin syntax. Reading Roman history and culture continue as well as the emphasis on English vocabulary based on Latin roots.

LATIN III - IV

Fee: TBA
Prerequisite: 80% or better in Latin II

Grade: 10-12
Phase: Enriched
Credit: 1-Elective

In the prose course, students study the history of Rome in depth and read selections from Tacitus, Cicero, Caesar and other great prose writers of Latin literature. In the poetry course, students read selections from Ovid, Horace, and Virgil. Greek mythology is also a part of the curriculum.

SPANISH I

Fee: TBA
Prerequisite: None

Grade: 9-12
Phase: General
Credit: 1-Elective

Spanish I, an introductory course, is designed to give students a working knowledge of the language. Listening, speaking, reading, and writing skills are emphasized. The culture of the Spanish speaking countries is included to enhance understanding of the language as a whole.

SPANISH II

Fee: TBA
Prerequisite: Spanish I

Grade: 10-12
Phase: Enriched
Credit: 1-Elective

Spanish II continues the study of the Spanish vocabulary, grammar, and culture while introducing short stories. This mixture expands the students' ability in reading, writing, speaking, and listening.

SPANISH III

Fee: TBA
Prerequisites: "B" in Spanish II/ consent of instructor

Grade: 10-12
Phase: Honors
Credit: 1-Elective

Students continue to expand on grammar, language, and culture while introducing Spanish literature and articles on contemporary issues. This blend expands listening, speaking, reading, and writing skills.

SPANISH IV (AP)

Fee:	TBA	Grade: 11-12
Prerequisite:	“B” in Spanish III/ Consent of the instructor	Phase: Honors Credit: 1-Elective

Spanish IV, an Advanced Placement preparation course, expands on cultural, speaking, listening, reading, and writing activities. The course surveys an assortment of Spanish Literature from the XII century and contemporary articles and issues. This course is similar to an Intermediate Spanish college course.

SPANISH V (AP)

Fee:	TBA	Grade: 12
Prerequisite:	“B” in Spanish IV/ Consent of the instructor	Phase: Honors Credit: 1-Elective

Spanish V, an Advanced Placement preparation course, is an extension of the Spanish IV course. Students analyze poetry, short stories and excerpts of novels from the XII century, as well as discuss contemporary articles and issues. This course is similar to an Intermediate Spanish college course.

DEPARTMENT OF MILITARY SCIENCE - JROTC

The Junior ROTC program is a cooperative effort on the part of the U.S. Army and Caddo Magnet to provide students with a learning experience that goes beyond the scope of the traditional curriculum. Students are taught techniques of leadership, management, team building, and communication as well as citizenship, military history, health, first aid, navigation, and an appreciation for physical fitness. **JROTC credit** may be used to meet state graduation requirements for physical education and health.

JROTC I

Fee:	None	Grade: 9-10
Prerequisite:	Health Statement	Phase: General Credit: 1-Elective

JROTC I introduces students to theories of leadership, management, citizenship, communications, team building, military history, navigation, first aid, and an appreciation for physical fitness.

JROTC II

Fee:	None	Grade: 10
Prerequisite:	JROTC I/Personnel Data Form	Phase: General Credit: 1 Elective

JROTC II emphasizes the development of student self-esteem and team building concepts, leadership skills, management, communications, military history, and an appreciation for physical fitness. The state mandated “Comprehensive Health Education” curriculum would be taught.