



REGISTRATION BOOKLET FOR 2010-2011

A Blue Ribbon School of Academic Excellence

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INSTRUCTIONS FOR COMPLETING YOUR REGISTRATION FOLDER

CURRENT MAGNET STUDENTS

FRONT PAGE

Complete your demographic information as appropriate. Please complete "Current English Teacher," and omit "Current School and Grade."

Review the Core 4 requirements for graduation. Complete details about Core 4 are listed on page 3 of this booklet.

INSIDE LEFT PAGE

Select your Core 4 classes (English, Math, Science, and Social Studies) and have your current teachers select the appropriate phases. Your teachers will initial by the phases after reviewing your current grades in their classes, previous grades on your SA-12 transcript, as well as standardized test scores.

high school AND college credit. Taking an Early Start class satisfies one of the requirements for earning an Academic Endorsement on your high school diploma. The Early Start courses are free, and you won't be repeating courses in college that you have taken at Magnet. These classes require you to have a specific PLAN or ACT score to qualify, and it is recommended that you maintain an A or B in the course. Please see Mrs. Queen Snyder for applications.

If you are going to be in 11th grade, please review the Early Start (dual enrollment) courses available for you to take for

INSIDE RIGHT PAGE

In PENCIL, place a check by EIGHT elective courses and have the appropriate teachers initial where it is necessary. You must have prior approval from the teacher to enroll in courses that do not have an "n/a."

Off-Campus P.E. forms from Mrs. Sheryl Thomas, and the counselors have applications for Caddo Career & Technology Center, BTW Telecommunications, and Fair Park Medical Careers Magnet.

If you are selecting an ART or a P.E. course, please also circle what year of ART or P.E. this will be for you. For example, if you are want to take Pottery, and you are currently in Art I (Design Fundamentals), please circle ART II at the top of the section, place a check by Pottery, and have Mrs. Hennessy initial your selection.

After selecting the eight electives, please go back and RANK them from 1-8. Put a 1 by the class that you HAVE to have, then 2, and so on through 8. REMEMBER – Only select courses that you want to take! You will remain in these courses for the entire school year.

If you are planning on taking Core classes (from the left page) as your electives, you must get the initials of the instructors currently teaching those courses.

Sometimes courses that you select are offered at the same time, causing a conflict. When this happens, your alternate elective choices will be used to complete your schedule. Your counselor will email or call you during the summer to discuss your options if necessary.

To take a TAP elective, you must already be approved for the Talented Arts Program (TAP) by Caddo Parish Special Services.

Caddo Magnet High School students wishing to enroll in a course for high school credit at any off campus site must seek prior approval from the principal.

Off-Campus choices have separate registration forms, and you must submit these forms by March 12th. You can get

BACK PAGE

Please review the TOPS requirements. Complete details about TOPS requirements are listed on page 5 of this booklet.

Students who turn in their registration folder containing their SA-1, Individual Graduation Plan (IGP), and health form on time will be given priority placement in classes that are likely to be filled early.

Any requests to change your course selections must be made before **June 1, 2010**, and changes will be made based on the availability of courses.

Have your parent/guardian review the courses that you have chosen for next year and sign at the bottom underneath your signature.

Have your parent/guardian complete and sign your SA-1, health form, and Individual Graduation Plan (IGP.)

GRADING SCALE

A	90-100
B	80-89
C	70-79
D	60-69
F	59 or below

INSTRUCTIONS FOR COMPLETING YOUR REGISTRATION FOLDER

NEW MAGNET STUDENTS

FRONT PAGE

Complete your demographic information as appropriate. Please complete "Current School and Grade," and omit "Current English Teacher."

INSIDE LEFT PAGE

Select your preferred Core 4 classes (English, Math, Science, and Social Studies.) After placement testing, you will be placed in the appropriate level of Core 4 classes based on your placement test results, report card grades, and standardized test scores. If you are already certified to be in Gifted and Talented (Gateway) classes, please check the courses that are GT. The English level will determine the social studies level, and the math level will determine the science level.

Students that are taking Algebra I with a high school certified instructor may take an additional placement test to determine the level of Geometry for next year. Students who place in Honors/GT Geometry are eligible to enroll in Biology I Honors.

Students that are taking Spanish I with a high school certified instructor may take the Spanish II placement test to determine

INSIDE RIGHT PAGE

In PENCIL, place a check by EIGHT elective courses. If you are entering 9th grade, you may select from the following:

- French I
- French II (WITH PROOF OF FRENCH I CREDIT)
- German I
- Italian I
- Latin I
- Spanish I
- Spanish II (WITH PROOF OF SPANISH II CREDIT)
- Design Fundamentals – Art I
- Advanced Band (WITH APPROVAL FROM INSTRUCTOR)
- Jazz Ensemble (WITH AUDITION AND APPROVAL FROM INSTRUCTOR)
- Piano I
- Classical Guitar (WITH APPROVAL FROM INSTRUCTOR)
- Beginning Choir
- Orchestra – String (WITH AUDITION AND APPROVAL FROM INSTRUCTOR)
- Orchestra – Chamber (WITH AUDITION AND APPROVAL FROM INSTRUCTOR)

Off-Campus P.E. has a separate registration packet, and you must submit it by March 12th. You can get the Off-Campus P.E. packet from Mrs. Sheryl Thomas.

After selecting the eight electives, please go back and RANK them from 1-8. Put a 1 by the class that you HAVE to have, then 2, and so on through 8. REMEMBER – Only select courses that you want to take! You will remain in these courses for the entire school year.

BACK PAGE

Please review the TOPS requirements. Complete details about TOPS requirements are listed on page 5 of this booklet.

Any requests to change your course selections must be made before **June 1, 2010**, and changes will be made based on the availability of courses.

A **FINAL REPORT CARD** from your current school will need to be submitted before **June 15, 2010**.

Review the Core 4 requirements for graduation. Complete details about Core 4 are listed on page 3 of this booklet.

the level of Spanish II for next year. This placement test is only given at 12:00 Noon on Saturday, March 6, 2010, in room C-8. Report card grades and teacher recommendations are also considered for Spanish II placement.

Students wanting to enroll in Piano II or Piano III may audition at 11:30 a.m. on Saturday, March 6, 2010. Auditions will be held in room C-2.

Students wanting to audition for Intermediate Choir, Advanced Choir, Orchestra, or Jazz Ensemble need to contact the appropriate instructor to arrange for a time.

CHOIR — Jay Williams — jcwiliams@caddo.k12.la.us
ORCHESTRA — Elaine Webb — jewebb@caddo.k12.la.us
BAND — Joe LeBlanc — jeleblanc@caddo.k12.la.us

- Drama I
- IBCA – Introduction to Business Computer Applications
- Health Education
- P.E. – Dance
- P.E. – Beginning Fencing
- P.E. – Beginning Gymnastics
- P.E. – General P.E.
- P.E. – Off-Campus (WITH COMPLETED APPLICATION PACKET FROM MRS. THOMAS)
- JROTC I
- Newspaper I
- Debate I
- Novels I
- TAP Art I (IF ALREADY APPROVED BY CADDO PARISH TAP DEPT.)
- TAP Drama I (IF ALREADY APPROVED BY CADDO PARISH TAP DEPT.)
- TAP Music I (IF ALREADY APPROVED BY CADDO PARISH TAP DEPT.)

Sometimes courses that you select are offered at the same time, causing a conflict. When this happens, your alternate elective choices will be used to complete your schedule. If it is a course that you need for graduation or TOPS, your counselor will email or call you during the summer to discuss your options.

Caddo Magnet High School students wishing to enroll in a course for high school credit at any off campus site must seek prior approval from the principal.

Have your parent/guardian review the courses that you have chosen for next year and sign at the bottom underneath your signature.

Students who turn in their registration folder containing their SA-1, Individual Graduation Plan (IGP), and health form on time will be given priority placement in classes that are likely to be filled early.

CORE 4 GRADUATION REQUIREMENTS

For incoming freshmen in 2008-2009 and beyond who are completing the Louisiana Core 4 Curriculum, the minimum course requirements shall be the following:

4 UNITS	ENGLISH Shall be English I, II, III, and English IV
4 UNITS	MATHEMATICS Algebra I (1 unit) or Algebra I-Pt. 2 Geometry Algebra II The remaining unit shall come from the following: Financial Mathematics, Senior Applications in Math, Advanced Mathematics I, Advanced Mathematics II, Pre-Calculus, Calculus, Probability and Statistics, Discrete Mathematics, or a locally-initiated elective approved by BESE as a math substitute.
4 UNITS	SCIENCE Shall be the following: 1 UNIT of Biology 1 UNIT of Chemistry 2 UNITS from the following courses: Physical Science, Integrated Science, Physics I, Physics of Technology I, Aerospace Science, Biology II, Chemistry II, Earth Science, Environmental Science, Physics II, Physics of Technology II, Agriscience II, Anatomy and Physiology, or a locally initiated elective approved by BESE as a science substitute. <ul style="list-style-type: none"> • Students may not take both Integrated Science and Physical Science • Agriscience I is a prerequisite for Agriscience II and is an elective course. A student completing a Career and Technical Area of Concentration may substitute a BESE/Board of Regents approved IBC-related course from within the student's Area of Concentration for the 4th required science unit
4 UNITS	SOCIAL STUDIES Shall be the following ½ UNIT of Civics or AP American Government ½ UNIT of Free Enterprise 1 UNIT of American History 1 UNIT from the following: World History, World Geography, Western Civilization, or AP European History 1 UNIT from the following: World History, World Geography, Western Civilization, AP European History, Law Studies, Psychology, Sociology, or African American Studies. A student completing a Career and Technical Area of Concentration may substitute a BESE/Board of Regents approved IBC-related course from within the student's Area of Concentration for the 4th required social studies unit.
½ UNIT	HEALTH EDUCATION
1½ UNITS	PHYSICAL EDUCATION Shall be Physical Education I and Physical Education II, or Adapted Physical Education for eligible special education students. A maximum of four units of Physical Education may be used toward graduation. NOTE: The substitution of JROTC is permissible.
2 UNITS	FOREIGN LANGUAGE Shall be 2 units in the same foreign language or 2 Speech courses
1 UNIT	ARTS 1 UNIT Fine Arts Survey or 1 unit of Art, Dance, Music, Theatre Arts, or Applied Arts. A student completing a Career and Technical Area of Concentration may substitute a BESE/Board of Regents approved IBC-related course from within the student's area of concentration for the required applied arts unit.
3 UNITS	ELECTIVES
24 UNITS TOTAL	

ACADEMIC ENDORSEMENT ON YOUR DIPLOMA

Graduating seniors who satisfy the following curriculum requirements shall be eligible for an academic endorsement to the standard diploma.

4 UNITS	ENGLISH English I, II, III, and IV
4 UNITS	MATHEMATICS Algebra I (1 unit) or Algebra I-Pt. 2 Geometry Algebra II The remaining unit shall come from the following Advanced Mathematics I, Advanced Mathematics II, Pre-Calculus, Calculus, Probability and Statistics, or Discrete Mathematics
4 UNITS	SCIENCE 1 UNIT of Biology 1 UNIT of Chemistry 1 UNIT of advanced science from the following courses: Biology II, Chemistry II, Physics, or Physics II 1 additional science unit
4 UNITS	SOCIAL STUDIES ½ UNIT of Civics or AP American Government and Politics ½ UNIT of Free Enterprise 1 UNIT of American History 1 UNIT from the following: World History, World Geography, Western Civilization, or AP European History 1 UNIT from the following: World History, World Geography, Western Civilization, AP European History, Economics, Law Studies, Psychology, Sociology, or African American Studies.
½ UNIT	HEALTH EDUCATION
1½ UNITS	PHYSICAL EDUCATION NOTE: The substitution of JROTC is permissible.
2 UNITS	FOREIGN LANGUAGE Shall be 2 UNITS in the same foreign language
1 UNIT	ARTS 1 UNIT Fine Arts Survey or 1 unit of Art, Dance, Music, Theatre Arts, or Applied Arts.
3 UNITS	ELECTIVES
24 UNITS TOTAL	

- ▶ Students beginning high school prior to 2010-2011 shall pass all four components of GEE (ELA, Math, Science, Social Studies) with a score of Basic or above, OR one of the following combinations of scores with the English Language Arts score at Basic or above:
 - i. one Approaching Basic, one Mastery or Advanced, Basic or above in the remaining two; or
 - ii. two Approaching Basic, two Mastery or above.

- ▶ Students shall complete one of the following requirements:
 - i. Senior Project;
 - ii. one Carnegie unit in an AP course with a score of three or higher on the AP exam;
 - iii. one Carnegie unit in an IB course with a score of four or higher on the IB exam; or
 - iv. three college hours of non-remedial, articulated credit in mathematics, social studies, science, foreign language, or English language arts.

- ▶ Students shall meet the current minimum grade-point average requirement for the TOPS Opportunity Award.

- ▶ Students shall achieve an ACT Composite Score of at least 23 or the SAT equivalent.

CAREER/TECHNICAL ENDORSEMENT ON YOUR DIPLOMA

Graduating seniors who satisfy the following curriculum requirements shall be eligible for a career/technical endorsement to the standard diploma.

4 UNITS	ENGLISH English I, II, III, and IV
4 UNITS	MATHEMATICS
4 UNITS	SCIENCE
4 UNITS	SOCIAL STUDIES
½ UNIT	HEALTH EDUCATION
1½ UNITS	PHYSICAL EDUCATION
2 UNITS	SPEECH OR FOREIGN LANGUAGE
1 UNIT	ARTS
3 UNITS	ELECTIVES including computer-related course
24 UNITS TOTAL	

TWO AREAS OF CONCENTRATION COMMON TO MAGNET STUDENTS

CAREER CLUSTER: EDUCATION AND TRAINING

AREA OF CONCENTRATION: ADVANCED STUDIES

PRIMARY COURSES:

MUST COMPLETE AT LEAST 4

Fine Arts Survey
Biology II
Economics
Computer Science I
Chemistry I, II
Pre-Calculus
Advanced Math
Environmental Science
Calculus
Algebra II
Physics
Probability & Statistics

RELATED COURSES:

Trigonometry
Physics II
Discrete Math
Geometry
World Geography
Earth Science
World History
Western Civilization
All foreign languages
All AP, Honors, and
Gifted courses that
exceed CORE 4
requirements

RELATED COURSES:

MUST COMPLETE AT
LEAST 2, ONE MUST BE A
COMPUTER COURSE

Debate I, II, III, IV
Newspaper I, II
Art I, II, III, IV
Keyboarding
American Government
Sociology/Psychology
All computer courses
approved by BESE
All foreign language
courses

CAREER CLUSTER: ARTS, A/V TECHNOLOGY, AND COMMUNICATION

AREA OF CONCENTRATION: PERFORMING ARTS

PRIMARY COURSES:

MUST COMPLETE AT LEAST 4

Advanced Band
Jazz Ensemble
Beginning Choir
Intermediate Choir
Advanced Orchestra
Piano
Debate I, II, III, IV
Theatre I, II, III
Guitar
Talented Music
Talented Drama

RELATED COURSES:

MUST COMPLETE AT
LEAST 2, ONE MUST BE A
COMPUTER COURSE

Fine Arts Survey
Music Theory
Sociology/Psychology
World Geography
World History
Drama V (Technical)
Art III, IV
Keyboarding
Commercial Art I, II

Digital Graphics
Graphic Arts I, II
All computer courses
approved by BESE
All foreign languages

STUDENTS CANNOT USE COURSES THAT MEET THE CORE GRADUATION REQUIREMENTS AS PART OF THEIR AREA OF CONCENTRATION.

- ▶ Students beginning high school prior to 2010-2011 shall pass all four components of GEE (ELA, Math, Science, Social Studies) with a score of Basic or above, OR one of the following combinations of scores with the English Language Arts score at Basic or above:
 - i. one Approaching Basic, one Mastery or Advanced, Basic or above in the remaining two; or
 - ii. two Approaching Basic, two Mastery or above.

- ▶ Students shall complete one of the following requirements:
 - i. BESE-approve Industry-based certification
 - ii. three college hours in a Career Technical area that articulate to a postsecondary institution, either by actually obtaining the credits and/or being waived from having to take such hours, AND a minimum of 90 work hours of work-based learning experience
 - iii. Senior Project related to students area of concentration with 20 hours of related work-based learning and mentoring

- ▶ Students shall meet the current minimum grade-point average requirement for the TOPS Opportunity Award.

- ▶ Students shall achieve an ACT Composite Score of at least 20 or Silver Level on WorkKeys.

TOPS CORE CURRICULUM

TOPS (Taylor Opportunity Program for Students) is a program of state scholarships for Louisiana residents who attend any of the Louisiana Public Colleges and Universities, schools that are a part of the Louisiana Community and Technical College System, Louisiana approved Proprietary and Cosmetology Schools, or institutions that are a part of the Louisiana Association of Independent Colleges and Universities.

The four different award components of the TOPS Program are TOPS Opportunity Award, TOPS Performance Award, TOPS Honors Award, and TOPS Tech Award.

4 UNITS	English I, II, III, & IV
1 UNIT	Algebra I, Integrated Mathematics I, Algebra I - Parts 1 & 2 (two units), Applied Algebra 1A & 1B (two units), or Applied Mathematics I & II (two units)
1 UNIT	Algebra II or Integrated Mathematics II
1 UNIT	Geometry, Advanced Math – Pre Calculus, Advanced Math – Functions & Statistics, Calculus, Pre-Calculus, Probability and Statistics, Discrete Mathematics, Algebra III, Applied Mathematics III, Integrated Mathematics III, or AP Calculus
1 UNIT	Biology I or II
1 UNIT	Chemistry I or II, or Chemistry Com
1 UNIT	Earth Science, Physical Science, Environmental Science, Biology II, Chemistry II, Physics, Physics II, Physics for Technology, AP Physics, or Agriscience I & II (two units)
1 UNIT	Additional Math or Science: Geometry, Calculus, Advanced Math – Pre Calculus, Advanced Math – Functions & Statistics, Pre-Calculus, Probability and Statistics, Discrete Mathematics, Algebra III, Applied Mathematics III, Integrated Mathematics III, AP Calculus, Biology II, Chemistry II, Physics, Physics II, or AP Physics
1 UNIT	American History
1 UNIT	Civics and Free Enterprise (1 unit combined), Civics, or AP American Government
1 UNIT	World History, Western Civilization, World Geography, or European History
2 UNITS	Foreign Language (2 units in the same language), or American Sign Language I & II
1 UNIT	Fine Arts Survey or 2 units of performance courses in music, dance, or theater (can only substitute Fine Arts Survey) or 2 units of studio art (can only substitute Fine Arts Survey) or 2 units of visual art (can only substitute Fine Arts Survey) or Speech III & IV (two units) (can only substitute Fine Arts Survey) or 1 unit of an elective from among the other subjects listed in this core curriculum
½ UNIT	Computer Science I or II, Business Computer Applications, Computer Technology Literacy, Introduction to Business Computer Applications, or Computer Science Elective or substitute (The following courses can only be used to substitute for the Computer Science requirement) Word Processing, Computer Multimedia Presentations, Desktop Publishing, Web Design, Telecommunications, Computer Applications, Computer Architecture, Computer Systems/Networking I, Digital Graphics and Animation, Multimedia Productions, Webmastering, Independent Study In Technology Applications, AP Computer Science A, AP Computer Science AB, Database Design and Programming, Java Programming, Database Programming with PL/SQL Training, Digital Media I or II, Advanced Technical Drafting, or Computer Electronics I or II or ½ unit of an elective from among the other subjects listed in this core curriculum

17.5 UNITS TOTAL

PLEASE NOTE: The TOPS GPA is calculated using the 17.5 TOPS core units on a weighted 4.0 scale: A=4, B=3.2, C=2.4, D=1.6, F=0.

For more information, call the Louisiana Office of Student Financial Assistance (LOSFA) at (800) 259-5626, Ext. 1012 or visit the web site at www.osfa.la.gov.

COURSE DESCRIPTIONS

ENGLISH

AMERICAN HUMANITIES GT

Grade: 11
Phase: Honors
Fee: \$25 (with U.S. History GT AP)
Prerequisites: Gifted/Talented Evaluation
Credits: 2 (English III GT and U.S. History GT AP)
In order to become familiar with works that have particular literary, historical, or social value, students read approximately ten supplemental works during the year. The English III GT and U.S. History GT (AP) teachers coordinate their units so that the students can see the relationship between American History and American Literature of each period.

AMERICAN STUDIES

Grade: 11
Phase: Honors
Fee: \$10 (vocabulary workbook)
Prerequisites: English II and Civics
Credits: 2 (English III H and U.S. History AP)
American Studies is a two-credit humanities block consisting of American History and English III for approved Honors-level students. 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 I

Grade: 9
Phase: G, E, H
Fee: \$15
Prerequisite: None
Students learn poetry structure/theme and short story structure, plot and character development, novel structure, thematic parallels, and Greek epic construction as well as drama elements with emphasis on Shakespeare. Students learn grammar, usage, sentence structure and vocabulary; skills needed for good writing and critical thinking are practiced.

ENGLISH I GT

Grade: 9
Phase: Honors
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.

ENGLISH II

Grade: 10
Phases: G, E, H
Fee: \$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.

ENGLISH II GT

Grade: 10
Phase: Honors
Fee: \$5
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.

ENGLISH III

Grade: 11
Phases: G, E, H
Fee: \$15
Prerequisites: English II
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.

ENGLISH IV

Grade: 12
Phase: G, E, H
Fee: \$15
Prerequisites: English III
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)

Grade: 12
Phase: Honors
Fee: \$10
Prerequisites: English III or GT Evaluation
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.

MATHEMATICS

ADVANCED MATH FUNCTIONS & STATISTICS

Grade: 11-12
Phase: Enriched
Fee: \$1
Prerequisites: C or above in Algebra I, II, and Geometry
Advanced Math Functions provides an alternative to Precalculus for students who want an additional math course, but who may not intend to pursue a strong math or science curriculum in college. Emphasis is on functions, triangle trigonometry, power functions, exponential functions, logarithmic functions, univariate and bivariate statistics to enhance preparation for college.

ALGEBRA I

Grade: 9
Phases: G, E, H, GT
Fee: \$1
Prerequisite: None or Gifted/Talented Evaluation
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.

ALGEBRA II

Grade: 10-11
Phases: G, E, & H
Fee: \$1
Prerequisites: Algebra I and Geometry
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.

CALCULUS AB/BC (AP)

Grade: 12
 Fee: \$1 Phase: Honors
 Prerequisites: B or above in Precalculus/Consent of instructor
 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.

GEOMETRY

Grade: 9-12
 Fee: \$1 Phases: G, E, H, GT
 Prerequisite: Algebra I or Gifted/Talented Evaluation
 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.

PRECALCULUS

Grade: 11-12
 Fee: \$1 Phase: Honors
 Prerequisites: B or above in Algebra I, II, and Geometry
 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.

PROBABILITY AND STATISTICS

Grade: 11-12
 Fee: \$1 Phase: Honors
 Prerequisites: B or above in Advanced Math or Precalculus
 Probability and Statistics introduces the student to major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to exploring data, sampling and experimentation, anticipating patterns and statistical inference.

SCIENCE**BIOLOGY I**

Grade: 10 (9 - If in Geometry H or GT)
 Fee: \$10 Phases: G, E, H
 Prerequisites: None
 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 (Anatomy & Physiology)

Grade: 11-12
 Fee: \$20 Phase: Enriched
 Prerequisite: Biology I E or H
 The course employs a systems approach to the normal and pathological structure and function of the human body. Emphasis will be placed on the cell and skeletal, muscular, nervous, circulatory, endocrine, immune, reproductive and integumentary systems.

BIOLOGY II (AP)

Grade: 11-12
 Fee: \$20 Phase: Honors
 Prerequisites: B or above in Biology I E or H & Chemistry I
 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.

CHEMISTRY I

Grade: 10-12
 Fee: \$10 Phases: E and H
 Prerequisites: Geometry & Biology I E or H,
 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 observations, and development of skills and practices in laboratory techniques.

CHEMISTRY II (AP)

Grade: 11-12
 Fee: \$10 Phase: Honors
 Prerequisites: B or above average in Chemistry I H & Algebra II H
 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

Grade: 11-12
 Fee: \$10 Phase: General
 Prerequisite: Biology I
 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

Grade: 11-12
 Fee: \$10 Phase: General
 Prerequisites: Biology I
 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.

PHYSICAL SCIENCE

Grade: 9
 Fee: \$10 Phases: G, E, H
 Prerequisite: None
 This is an introductory course, which emphasizes the basic concepts of chemistry and physics. Physical science is highly recommended as preparation for all other science courses taught at Magnet.

PHYSICS (Enriched)

Grade: 11-12
 Fee: \$10 Phase: Enriched
 Prerequisites: B or above in Chemistry I E and enrolled in Advanced Math Functions
 Enriched Physics emphasizes the general concepts, laws, and principles of physics. This course concentrates on the application of physics fundamentals to everyday situations.

PHYSICS (Honors) Grade: 11-12
Fee: \$10 Phase: Honors
Prerequisites: B or above in Chemistry I E or H and enrolled in Precalculus
This is a college-level course in classical Newtonian and General physics. Students must be proficient in mathematics through Algebra II. The lecture/demonstration format is used extensively with laboratory exercises designed to illustrate major theoretical concepts.

PHYSICS (AP) Grade: 12
Fee: \$10 Phase: Honors
Prerequisites: B or above in Chemistry I E or H & Precalculus, and enrolled in Calculus AP
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.

SMART Grade: 12
Fee: None Phase: Honors
Prerequisite: ACT score of 28, B or above in all science classes, recommendations from Principal, Counselor, and Science Department
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.

SOCIAL STUDIES

AFRICAN-AMERICAN STUDIES Grade: 11-12
Fee: \$10 Phase: General
Prerequisite: None
In this course, students will study the rich tapestry of African-American history, literature, art, and music. Beginning before the African Diaspora, we will trace the history and culture of African Americans, focusing on the literature as a reflection of history. The course is multi-disciplinary and multi-media. We will be learning through lecture, film, reading, writing, and research. Grades will be earned through discussion of the outside reading, essay writing, quizzes, tests, and multi-media research projects. Students may take either semester or both.

AMERICAN HISTORY Grade: 11
Fee: \$5 Phases: G, E, H
Prerequisite: Civics
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 HUMANITIES GT Grade: 11
Fee: \$25 (combined with English III GT) Phase: Honors
Prerequisites: Gifted/Talented Evaluation
Credits: 2 (U.S. History GT AP and English III GT)
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. The English III GT and U.S. History GT (AP) teachers coordinate their units so that the students can see the relationship between American History and American Literature of each period.

AMERICAN STUDIES Grade: 11
Fee: \$10 (vocabulary workbook) Phase: Honors
Prerequisites: English II and Civics
Credits: 2 (English III H and U.S. History AP)
American Studies is a two-credit humanities block consisting of American History and English III for approved Honors-level students. 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.

ART HISTORY AP Grade: 11-12
Fee: \$10 Phase: Honors
Prerequisite: Consent of instructor
Art History introduces students to art and architecture from around the world, from the pyramids and temples of the ancient world, to the masterpieces of Michelangelo and the abstractions of Picasso—and everything in between. The course fosters an appreciation and understanding of art from Western and Non-Western cultures.

CIVICS Grade: 10
Fee: \$10 (Combined with Free Enterprise) Phases: G, E, H
Prerequisite: None
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.

CIVICS GT Grade: 9
Fee: \$10 (Combined with Free Enterprise GT) Phases: Honors
Prerequisite: Gifted and Talented Evaluation
Credit: ½
This one-semester course covers the foundations of American government, the Constitution, landmark Supreme Court decisions, the organization of state and local governments, persuasion and the media in politics, and civil and criminal law. Second semester, students join with Free Enterprise GT, English I GT, Algebra I GT and Geometry I GT to design the perfect school.

EUROPEAN HISTORY (AP) Grade: 12
Fee: None Phase: Honors
Prerequisite: B or above in American History
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 Grade: 9-10
Fee: \$10 (Combined with Civics) Phase: G, E, H
Prerequisite: None
Credit: ½
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.

FREE ENTERPRISE GT Grade: 9
Fee: \$10 (Combined with Civics GT) Phase: Honors
Prerequisite: Gifted and Talented Evaluation
Credit: ½
Free Enterprise is an introduction to basic concepts of economics, economic schools of thought, macro and micro units, business organization, fiscal and monetary policy, comparative economic systems, and international issues. Students do a variety of hands-on projects such as creating a business, bartering, use of a representative money system, and stock project.

PHILOSOPHY Grade: 12
Fee: \$5 Phase: Enriched
Prerequisite: Consent of instructor
The fall semester will survey classical philosophers in the East and West, with emphasis on Roman and Greek thinkers who have had the most influence on western philosophy. The second semester will introduce the philosophers of the Enlightenment and Modernism, with the final units to include nineteenth and twentieth-century reactions to modernism.

PHILOSOPHY GT Grade: 12
Fee: \$5 Phase: Honors
Prerequisite: Gifted and Talented Evaluation
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. Students end the year with a multi-media presentation.

PSYCHOLOGY Grade: 11-12
Fee: None Phase: General
Prerequisite: None
Credit: ½
In this course the basic foundations of behavior about personality abnormalities, personality understanding, thinking processes, social interaction, and learning are taught.

PSYCHOLOGY (AP) Grade: 11-12
Fee: None Phase: Honors
Prerequisite: Biology I and enriched level courses
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.

SOCIOLOGY Grade: 11-12
Fee: None Phase: General
Prerequisite: None
Credit: ½
Sociology is the study of human relationships including the family, minorities, adolescence, sex roles, and adulthood.

U.S. GOVERNMENT (AP) Grade: 12
Fee: \$10 Phase: Honors
Prerequisite: B or above in Honors English and American History
U.S. Government is an elective course for seniors that prepares you to take the AP Government exam in May. The course covers the constitutional underpinnings of our government; political beliefs and behaviors; political parties and interest groups; institutions and national government; public policy, and civil rights and civil liberties. Students are expected to use specific information to evaluate general propositions about government and politics.

WESTERN CIVILIZATION Grade: 11-12
Fee: \$5 Phase: General
Prerequisite: None
This course includes an extensive study of the cultural, social, and political history of western civilization from the classical civilizations to modern Europe.

WORLD GEOGRAPHY Grade: 9-12
Fee: \$5 Phase: G, E
Prerequisite: Placement Test
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 Grade: 12
Fee: None Phase: E, H
Prerequisite: American History
This course is a brief survey of the history of the world from ancient civilizations to current world affairs.

WORLD HISTORY GT Grade: 10
Fee: \$10 Phase: Honors
Prerequisite: Gifted and Talented Evaluation
Through lectures, videos, guest speakers, student projects, and student presentations, students learn to appreciate the boundless varieties of human experiences and achieve a sense of reality about our journey through history thus far. Specific units of study coordinate with English II G/T, so that as students study the literature of a civilization in English, they study the political, economic, cultural, and religious characteristics in history.

FOREIGN LANGUAGE

FRENCH I Grade: 9-12
Fee: \$36 Phase: General
Prerequisite: None
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 Grade: 9-12
Fee: \$34 Phase: Enriched
Prerequisite: French I
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 Grade: 10-12
Fee: \$64 Phase: Honors
Prerequisites: B or above in French II & Consent of instructor
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) Grade: 11-12
Fee: \$51 Phase: Honors
Prerequisites: B or above in French III & Consent of instructor
This course prepares students for the French Language Advanced Placement Exam. An emphasis on communication is continued. Students

review grammar and analyze literature from numerous centuries. This course is similar to an intermediate French college course.

GERMAN I

Fee: \$25

Grade: 9-12

Phase: General

Prerequisite: None

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: \$30

Grade: 10-12

Phase: Enriched

Prerequisite: German I

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: \$45

Grade: 11-12

Phase: Honors

Prerequisites: B or above in German II & Consent of instructor

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: \$50

Grade: 12

Phase: Honors

Prerequisites: B or above in German III & Consent of instructor

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: \$45

Grade: 12

Phase: Honors

Prerequisites: B or above in German IV & Consent of instructor

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.

ITALIAN I

Fee: \$35

Grade: 9-12

Phase: General

Prerequisite: None

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: \$35

Grade: 9-12

Phase: Enriched

Prerequisite: Italian I

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: \$50

Grade: 10-12

Phase: Honors

Prerequisite: B or above in Italian II & Consent of instructor

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 (AP)

Fee: \$50

Grade: 11-12

Phase: Honors

Prerequisite: B or higher in Italian III & Consent of the instructor

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: \$10

Grade: 9-12

Phase: General

Prerequisite: None

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: \$10

Grade: 10-12

Phase: Enriched

Prerequisite: Latin I

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. The emphasis on developing English vocabulary based on Latin roots continues.

LATIN III – IV

Fee: \$10

Grade: 11-12

Phase: Honors

Prerequisite: B or above in Latin II & Consent of instructor

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: \$20

Grade: 9-12

Phase: General

Prerequisite: None

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: \$20

Grade: 10-12

Phase: E, H

Prerequisite: Spanish I

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. Emphasis shifts from grammatical concepts and vocabulary to comprehensive self-expression.

SPANISH III

Fee: \$10

Grade: 10-12

Phase: Honors

Prerequisites: B or above in Spanish II & Consent of instructor

Students continue to expand on grammar, language, and culture while introducing Spanish literature of various genres from Hispanic countries. Articles on contemporary issues help expand listening, speaking, reading, and writing skills.

SPANISH IV (AP) Grade: 11-12
Fee: \$35 Phase: Honors
Prerequisite: B or above in Spanish III & Consent of instructor
This advanced placement Spanish language course is comparable to an intermediate college course. It emphasizes active communication and encompasses aural skills, reading comprehension, grammar and composition. Special emphasis is placed on authentic resource materials and the integration of language skills. Various genres of Spanish literature and contemporary articles are analyzed.

SPANISH V (AP) Grade: 12
Fee: \$10 Phase: Honors
Prerequisite: B or above in Spanish IV & Consent of instructor
This advanced placement Spanish literature course is an introduction to the Spanish literature course offered in college. Based on a required reading list, the works represent various historical periods, literary movements, genres, geographical areas, and population groups within the Spanish-speaking world. The objective of the course is to help students interpret and analyze literature in Spanish.

VISUAL AND PERFORMING ARTS

FINE ARTS SURVEY Grade: 11-12
Fee: \$10 Phase: General
Prerequisite: None
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.

DESIGN FUNDAMENTALS (ART I) Grade: 9-12
Fee: \$20 Phase: General
Prerequisite: None
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.

ADVANCED DRAWING Grade: 10-12
Fee: \$30 Phase: General
Prerequisite: Design Fundamentals (Art I)
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.

MIXED MEDIA Grade: 10-12
Fee: \$30 Phase: General
Prerequisite: Design Fundamentals (Art I)
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 Grade: 10-12
Fee: \$35 Phase: General
Prerequisite: Design Fundamentals (Art I)
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.

POTTERY Grade: 11-12
Fee: \$65
Phase: General Prerequisite: None
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. If a second year of pottery is taken, 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.

STUDIO ART (AP) Grade: 11-12
Fee: \$30 Phase: Honors
Prerequisite: Consent of instructor
Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time of concept, content and technique. Students will develop mastery in concept, composition and production. All students will address three components required in their portfolios: Quality, Concentration and Breadth. Students are expected to use artistic integrity throughout all aspects of the portfolio. This course has been developed to accommodate students who have expressed an interest in completing either the AP Drawing or AP 2-D Design portfolio.

ADVANCED BAND Grade: 9-12
Fee: \$75 Phase: General
Prerequisite: Consent of instructor
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 Grade: 9-12
Fee: \$25 Phase: General
Prerequisite: Audition and Consent of instructor
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.

MUSIC THEORY Grade: 10-12
Fee: \$25 Phase: General
Prerequisite: Consent of instructor
This course will explore traditional harmony and harmonic technique.

PIANO I Grade: 9-12
Fee: \$25 Phase: General
Prerequisite: None
This is a beginner course for the student who has had no piano instruction. Students learn to read, write, and play music.

PIANO II Grade: 9-12
Fee: \$25 Phase: General
Prerequisite: Piano I or audition
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.

PIANO III Grade: 9-12
Fee: \$25 Phase: General
Prerequisite: Piano II or audition
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.

CLASSICAL GUITAR

Grade: 9-12
Fee: \$30 + Approved Instrument
Phase: General
Prerequisite: Consent of instructor
This class will teach standard classical guitar technique and repertoire. Open to students interested in developing these skills. A proper classical instrument (such as Yamaha C40 or Ibanez GA5) is required. Electric and steel string acoustic instruments are not allowed.

BEGINNING CHOIR

Grade: 9-12
Fee: \$65
Phase: General
Prerequisite: None
In this course students will strengthen the fundamentals of singing: proper breath support, clear phonation, and clear diction. Music reading skills are honed and sight-singing is emphasized. Students in this class perform in all major concerts.

INTERMEDIATE CHOIR

Grade: 9-12
Fee: \$65
Phase: General
Prerequisite: Audition and Consent of instructor
This course continues the work of beginning choir, or for those with extensive experience in middle school, serves as an entree into higher level performance practices. Students in this class perform in all major concerts, as well as competing in All State Choir and being eligible for solos in concerts.

ADVANCED CHOIR

Grade: 9-12
Fee: \$65
Phase: General
Prerequisite: Audition and Consent of instructor
This is our flagship choral course. Students in this class will receive highly specialized training in solo vocal technique and advanced choral studies in preparation for university. Students in this course will perform as soloists in both the fall Requiem/Oratorio and spring Opera.

ORCHESTRA (Strings)

Grade: 9-12
Fee: \$70
Phase: General
Prerequisite: Three years experience, audition, and consent of instructor
Strings Orchestra will include the fundamentals of string playing, as well as orchestral performance. The Magnet String Orchestra presents several performances during the school year which includes the October, December and May concerts, the December fundraising event Dinner & Music, and the LMEA District VIII and State Festival. String Orchestra students who pass auditions for All-State Orchestra are eligible for Enriched status.

ORCHESTRA (Chamber)

Grade: 9-12
Fee: \$80
Phase: Enriched
Prerequisite: Audition and consent of instructor
The Magnet Chamber String Orchestra presents many performances during the school year which includes the October, December and May concerts, Graduation, Concerto Competition performance, Open House, the December fundraising event Dinner and Music, and the LMEA District VIII and State Festival.

DRAMA I

Grade: 9-12
Fee: \$10
Phase: General
Prerequisite: None
Drama I is an introductory course, where students study speech, improvisation, and the basics of theatre.

DRAMA II (History)

Grade: 10-12
Phase: General
Fee: \$20
Prerequisite: Drama I or Consent of instructor
Drama II is Theatre History. This course examines representative plays, personalities, practices, theories and theatre traditions of western civilization. Emphasis is placed on performance monologues in each of the genres. This course is an academic class in which reading, writing and critical thinking are emphasized.

DRAMA III (Acting)

Grade: 10-12
Phase: General
Fee: \$20
Prerequisites: Drama II or Consent of instructor
Drama III is an advanced acting class. This course examines acting in-depth with an emphasis on performance. The students will study dramaturgy, exposition and plot summary.

DRAMA IV (Directing)

Grade: 11-12
Phase: General
Fee: \$20
Prerequisites: Drama II or Consent of instructor
Drama IV is a directing class. The director's study play production, staging, actor coaching, scenery, backstage organization, introductory historical directing styles, significant directors, and alternative spaces.

DRAMA V (Technical)

Grade: 10-12
Phase: General
Fee: \$30
Prerequisites: Drama I or Consent of instructor
Drama V is technical theatre. This course covers all aspects of stagecraft 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.

COMPUTER

INTRODUCTION TO BCA

Grade: 9-12
Phase: General
Fee: \$10
Prerequisite: None
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 2007 (WORD, EXCEL, PowerPoint, and Access). Students will also gain knowledge in both personal and business development.

BUSINESS COMPUTER APPLICATIONS

Grade: 10-12
Phase: General
Fee: \$10
Prerequisite: IBCA
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 provides advanced understanding of word processing, electronic spreadsheets, database design, presentation design, and personal and business management.

COMPUTER SCIENCE

Grade: 10-12
 Fee: None Phase: Enriched
 Prerequisites: Algebra I and Keyboarding, Computer Applications, or IBCA

This course is an online course taken through Louisiana Virtual School. Computer Science I is full-year elective designed for students interested in studying the structure and power of a programming language. This course will use Java as the computer language in which object oriented programming and design will be introduced. A brief overview of the development, design and functionality of a computer will be included, but this is basically a course in problem solving. Logical solution structure in terms of program development will be emphasized. Topics such as data manipulation, decision statements, repetition, and array structure will be covered.

DESKTOP PUBLISHING

Grade: 11-12
 Fee: \$5 Phase: General
 Prerequisite: BCA
 Credit: ½ -Elective

Desktop Publishing is a one semester course that will teach students how to design and produce professional quality documents that combine text, graphics, illustrations, and photographs.

WEBMASTERING

Grade: 9-12
 Fee: \$5 Phase: Enriched
 Prerequisite: Consent of instructor
 Credit: ½ -Elective

Concepts of web communication will be studied and explored. Students will design, develop, and maintain web pages using appropriate current editors and/or tagging languages. Students will demonstrate technical knowledge of the equipment and an ability to use a variety of input devices, file formats, and transfer methods. Security and privacy issues, copyright infringement, trademarks and other legal issues relating to use of the web will be studied. Students will use appropriate search methods and applications to retrieve and evaluate information and use a variety of web communications.

PHYSICAL EDUCATION/JROTC**HEALTH EDUCATION**

Grade: 9-12
 Fee: \$10 Phase: General
 Prerequisite: None
 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.

FUNDAMENTALS OF DANCE

Grade: 9-12
 Fee: \$20 Phase: General
 Prerequisite: None
 Units include aerobics, tap, ballet, modern and jazz dancing.

FENCING (Beginning, Advanced, Team)

Grade: 9-12
 Fee: \$20 per semester
 Phase: General
 Prerequisite: Consent of instructor for advanced or team

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, Advanced, Team)

Grade: 9-12
 Fee: \$20 Phase: General
 Prerequisite: Consent of instructor for advanced or team

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.

GENERAL PE

Grade: 9-12
 Fee: \$10 Phase: General
 Prerequisite: None

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, basketball, archery, and tennis.

JROTC I

Grade: 9-12
 Fee: None Phase: General
 Prerequisite: None

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

Grade: 10-12
 Fee: None Phase: General
 Prerequisite: JROTC I

Credit: ½ Elective and ½ Health Education
 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 second semester of JROTC II is ½ credit of Health Education.

JROTC III

Grade: 11-12
 Fee: None Phase: General or Enriched
 Prerequisite: JROTC II & Consent of instructor for Enriched

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

Grade: 12
 Fee: None Phase: General or Enriched
 Prerequisite: JROTC III & Consent of instructor for Enriched

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.

SPEECH/JOURNALISM**DEBATE I – IV**

Grade: 9-12
 Fee: \$20/semester Phase: Debate I — G, Debate II-IV — E
 Prerequisite: Consent of instructor for II, III, IV

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.

DECATHLON

Fee: \$65

Prerequisite: Consent of instructor

Using the U.S. Academic Decathlon curriculum as a content base, students will study special topics which cross disciplines and prepare for Decathlon competition. Students also hone skills in making speeches and interviewing.

Grade: 10-12

Phase: Enriched

NEWSPAPER I, II, III, IV

Fee: None

Prerequisite: Consent of instructor for II, III, IV

Students are responsible for the complete production of the Utopia, the school's newspaper, including designing, writing, editing, and advertising.

Grade: 9-12

Phase: General

YEARBOOK I, II, III

Fee: \$55

Prerequisite: Consent of instructor

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.

Grade: 10-12

Phase: General

TEST PREP/LITERATURE**ACT PREPARATION**

Fee: \$10

Prerequisites: Concurrent or previous enrollment in Algebra II

Credit: ½-Elective

This comprehensive ACT Prep course will give students an opportunity to receive personalized instruction, realistic testing experience, effective coaching, immediate feedback, and provide an alternative to other costly test prep instruction programs. Students will review these content areas and skills that are critical to success on the ACT: English, Math, Reading, Science Reasoning, and Writing.

Grade: 10-12

Phase: General

CREATIVE WRITING

Grade: 11-12

Fee: None

Phase: Honors

Prerequisites: English II Enriched/Honors

Creative Writing is a comprehensive course that includes composing poetry and short stories, as well as script construction for television, stage, and film. An oratory unit covers persuasion and advertising.

CREATIVE WRITING G/T

Fee: \$10

Prerequisites: English II GT

Do you like to write? Is it your passion? Do you want to be a better writer? Then join us as we learn to flesh out characters, create realistic dialogue, experiment with point of view, read samples of the best writers, and look at the world through a poet's eyes. Students will produce a portfolio of creative work, and many assignments will be individualized according to each student's needs.

Grade: 11-12

Phase: Honors

NOVELS I

Fee: None

Prerequisites: English I E, H, or Consent of instructor

From the escape of fantasy to the realism of today's modern novels, students will read and discuss works from various authors. Come read and enjoy!

Grade: 9-10

Phase: Enriched

NOVELS II

Fee: None

Prerequisites: B or higher in English II E or H

In this course students read novels that they have not had the opportunity to read in high school. Novels II offers an exciting variety of world literature. Some of the selections have just recently been translated into English.

Grade: 11-12

Phase: Honors

SHAKESPEARE I, II

Fee: \$10

Prerequisites: English I and II

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.

Grade: 11-12

Phase: Enriched

TALENTED ARTS PROGRAM (TAP)**TAP ART**

Fee: \$15

Prerequisites: TAP Evaluation

Talented Visual Art I, II, III, and IV courses are enriched electives offered to identified Talented Visual Art students. The courses rotate through eight semesters of study including painting, graphic design, additive and subtractive sculpture, the human face and figure, advanced drawing, and mixed media. TAP Visual Art students focus on portfolio development throughout the various semesters. Students prepare artworks for several art exhibits throughout the school year.

Grade: 9-12

Phase: Enriched

TAP DRAMA

Fee: \$15

Prerequisites: TAP Evaluation

Talented Drama I, II, III, and IV courses are enriched electives offered to identified Talented Drama students. Students in these courses are given the opportunity to study acting styles and techniques, technical theatre, theater management and publicity. Enrolled students are given the opportunity to perform in a minimum of two plays or presentations each year. TAP Drama students are encouraged to audition for community productions and are coached to prepare for college scholarships.

Grade: 9-12

Phase: Enriched

TAP MUSIC

Fee: None

Prerequisites: TAP Evaluation

Talented Music I, II, III, and IV courses are enriched electives offered to identified Talented Music students. The courses rotate through eight semesters of study including the following topics: music history and theory, music technology, jazz improvisation, composition, arranging and songwriting, international music, modern music and American folk music. Students enrolled the TAP Music are offered various performance opportunities and work on cooperative projects with Talented Drama and Talented Visual Art students.

Grade: 9-12

Phase: Enriched

G = GENERAL**E** = ENRICHED**H** = HONORS**GT** = GIFTED AND TALENTED**AP** = ADVANCED PLACEMENT