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## Lee Magnet High School

# Course Directory
# 2017-18

The East Baton Rouge Parish School System and all of its entities (including Career and Technical Education Programs) does not discriminate on the basis of age, race, religion, national origin, disability or gender in its educational programs and activities (including employment and application for employment), and it is prohibited from discriminating on the basis of gender by Title IX (20 USC 168) and on the basis of disability by Section 504 (42 USC 794). The Title IX Coordinator is Andrew Davis (ADavis6@ebrschools.org), Director of Risk Management – phone (225) 929-8705. The Section 504 Coordinator is Elizabeth Taylor Chapman (ETaylor@ebrschools.org), Director of Exceptional Student Services – phone (225) 929-8600.

## INTRODUCTION

The information in this brochure is important to both you as a student and your parents. In order for Lee Magnet High School to provide you with the best possible education, you must take the responsibility of choosing subjects that will help you achieve your goals.

This guide will provide you with graduation requirements, scheduling requirements, course summaries and other important information.

We strongly advise all students to seek the counsel of their parents and their LMHS counselor and teachers before selecting courses for the coming year. Upperclassmen should be particularly careful that all graduation requirements are being met. Students in all grades are required to schedule seven classes (five of these must be academic subjects for grades 9-11 and at least four must be academic subjects for grade 12).

All honors (H), dual enrollment (Dual), and advanced placement (AP) courses carry one extra quality point for students who earn grades of "C" or above. Those extra points are used to determine a student's grade point average. We strongly recommend that 9th grade students allow for adjustment to high school by scheduling no more than two honors classes for their first year. To be considered for honors, advanced, and/or upper level classes, ninth grade students must provide LMHS documentation of readiness or eligibility (LMHS placement test scores, overall GPA, subject area GPA, reading stanine on national standardized tests, and/or certification of accomplishment in physical education, music, and/or art).

LMHS is a college-preparatory magnet high school and we take pride in providing a quality education for our students. We expect them to earn more than the minimum requirements for graduation. At the end of four years, our students will have a total of 28 units of credit: 19 units in academic subjects and 9 units of electives

## COUNSELING

A counselor is assigned to students at Lee Magnet High School to help them during their high school career. A student may schedule a conference with a counselor for any number of reasons: scheduling, career counseling, college and scholarship consulting, testing, written recommendations and references, and personal problems. Strict confidentiality is maintained except when there is imminent personal danger or threat to others.

Counselors are always available for consultation and guidance BUT THE FINAL RESPONSIBILTY FOR MEETING GRADUATION REQUIREMENTS RESTS WITH THE STUDENT AND PARENTS

## .SCHOLASTIC HONOR POLICY

Lee Magnet High School offers a magnet curriculum that allows students to pursue academic and performing arts courses of a high degree of excellence. This excellence rests on the foundation of academic honesty necessary to foster high scholastic achievement. In order to insure that the opportunity for excellence exists for every student, the following policy has been adopted by the faculty in regard to scholastic honesty.

CHEATING is defined as any attempt to receive academic credit for work done by someone else. This includes but is not limited to the following:

- copying another student's work (any work)
- looking at another student's test paper
- turning in a term paper, report, theme, or project written or prepared by another person
- using a textbook, notebook, or "cheat sheet" on a test when it is not authorized.

PROVIDING ILLEGAL AID to enable others to cheat is also considered cheating. This includes but is not limited to the following:

- allowing your work to be copied and turned in by another student as their own
- allowing your test to be copied by another student
- writing a term paper, report, theme, or preparing a project for another student
- preparing a project for another student

- obtaining unauthorized information about a test and / or spreading this information

It should be noted that eyewitness accounts of a teacher, evidence based on written work or confiscated "cheat sheets," or any form of technology will be accepted as determining the occurrence of cheating. In no case where cheating has taken place will academic credit for any part of the assignment in question be given to the student involved.

In all cases when cheating is determined to have occurred, (1) the suspected work will be confiscated and a grade of zero will be given; (2) the teacher will counsel with the student and will contact the parents of the student involved, and (3) notification of the offense will be sent to the assistant principal for discipline. In addition to the above, further punishment may include TOR, the Discipline Center, or expulsion.

## LMHS GRADING SCALE

| | | |
|---|---|---|
| A | 4 pts. | 93-100% |
| B | 3 pts. | 85-92% |
| C | 2 pts. | 75-84% |
| D | 1 pt. | 67-74% |
| F | 0 pts. | 0-66% |

## MINIMUM REQUIREMENTS FOR HIGH SCHOOL GRADUATION

Requirements are subject to change per state guidelines. See Louisiana Believes (www.louisianabelieves.com) for changes/updates.

### LA CORE 4
### (INCOMING FRESHMEN 2008-2009 AND BEYOND)

**English 4 Units**

Shall be English I, II, III, and English IV

**Mathematics 4 Units**

Shall be Algebra I (1 unit) or Algebra I-Pt. 2, Geometry, Algebra II. The remaining unit shall come from the following: Financial Math, Advanced Math I, Advanced Math II, Pre-Calculus, Calculus, Probability and Statistics, Discrete Math, or a locally-initiated elective approved by BESE as a math substitute.

**Science 4 Units**

Shall be Biology and Chemistry

The remaining units shall come from the following: 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, Agriculture II, Anatomy and Physiology, or a locally initiated elective approved by BESE as a science substitute.

**Social Studies 4 units**

Shall be Civics or AP American Government, and American History; one unit from the following: World History, World Geography, Western Civilization, or AP European History; one unit from the following: World History, World Geography, Western Civilization, AP European History, Law Studies, Psychology, Sociology, or African American Studies

**Health Education ½ unit**

JROTC I and II may be used to meet the Health Education requirement provided the requirements in Section 2347 of Bulletin 741 are met

Physical Education 1 ½ units

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. The substitution of JROTC is permissible.

Foreign Language 2 units

Shall be 2 units in the same foreign language or 2 Speech courses

Arts 1 unit

Shall be Fine Arts Survey or 1 unit of Art, Dance, Music, Theatre Arts, or Applied Arts.

| | |
|---|---|
| Electives | 3 units |
| **TOTAL** | **24 units** |

Note: Lee Magnet High School students must complete the Louisiana Core 4 Curriculum.

## THE STATE BOARD OF ELEMENTARY AND SECONDARY EDUCATION (SBESE) GRADUATION EXIT EXAM POLICY STATES:

In addition to completing a minimum of 23/24 Carnegie Units of credit, students must meet assessment requirements below to earn a diploma:

Students must pass three End-of-Course Tests in the following categories:

- Algebra I or Geometry
- English II or English III
- Biology or American History

## TOPS

Louisiana Tuition Opportunity Programs for Students is a comprehensive program of state scholarships and assistance programs. Specific courses, grade point average, ACT scores and other eligibility requirements are necessary for this program.

## FOR STUDENTS GRADUATING 2018 AND AFTER

ENGLISH 4 Units

English I, II and 1 Unit from the following: English III, AP English Language Arts and Composition, or IB English III (Language A or Literature and Performance) and 1 Unit from the following: English IV, AP English Literature and Composition, or IB English IV (Language A or Literature and Performance)

MATHEMATICS 4 Units

Algebra I, Geometry, Algebra II (Integrated Mathematics I, Integrated Mathematics II, and Integrated Mathematics III may be substituted for the Algebra I, Geometry, and Algebra II sequence) and 1 Unit from the following: Algebra III; Advanced Math - Functions and Statistics, Advanced Math - Pre-Calculus, Pre-Calculus, or IB Math Methods I (Mathematical Studies SL); Calculus, AP Calculus AB, or IB Math Methods II (Mathematics SL); AP Calculus BC; Probability and Statistics or AP Statistics; IB Further Mathematics HL; IB Mathematics HL

SCIENCE 4 Units

Biology I, Chemistry, and 2 Units from the following: Earth Science; Environmental Science; Physical Science; Agriscience I and Agriscience II (one unit combined); Chemistry II, AP Chemistry, or IB Chemistry II; AP Environmental Science or IB Environmental Systems; Physics I, AP Physics B, or IB

Physics I; AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, or IB Physics II; AP Physics I and AP Physics II; Biology II, AP Biology, or IB Biology II

SOCIAL STUDIES 4 Units

1 Unit from the following: U.S. History, AP U.S. History, or IB U.S. History; ½ Unit from the following: Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States; ½ Unit from the following: Economics, AP Macroeconomics, or AP Microeconomics (one unit of Civics may be substituted for the two ½ Units above); and 2 Units from the following: Western Civilization, European History, or AP European History; World Geography, AP Human Geography, or IB Geography; World History, AP World History, or IB World History; History of Religion; IB Economics

FOREIGN LANGUAGE 2 Units

Foreign Language, both units in the same language, which may include the following: AP Chinese Language and Culture, AP French Language and Culture, AP German Language and Culture, AP Italian Language and Culture, AP Japanese Language and Culture, AP Latin, AP Spanish Language and Culture, IB French IV, IB French V, IB Spanish IV, and IB Spanish V

ART 1 Unit

1 Unit from the following: Performance course in Music, Dance or Theatre; Fine Arts Survey; Art I, II, III, and IV; Talented Art I, II, III, and IV; Talented Music I, II, III and IV; Talented Theater Arts I, II, III, and IV; Speech III and Speech IV (one unit combined); AP Art History; AP Studio Art: 2-D Design; AP Studio Art: 3-D Design; AP Studio Art: Drawing; AP Music Theory; IB Film Study I; IB Film Study II; IB Music I; IB Music II; IB Art Design III; IB Art Design IV; or IB; Theatre I, II, III, and IV.

## ACT

Scores from the ACT test are used by most colleges and universities as part of entrance and scholarship requirements. All juniors and seniors take the ACT in the spring. Some dual enrollment courses require a minimum ACT score requirement as a prerequisite. ACT score reports must be attached to the course request form. Seniors with an ACT score below 18 will be placed in an ACT Prep class.

## INDIVIDUAL GRADUATION PLANS

Beginning in the 1998-1999 school year, by the end of the eighth grade, each student shall develop, with the input of his/her family, an Individual Graduation Plan. Such a plan shall include a sequence of courses which is consistent with the student's stated goals for their four years in high school and one year after graduation. Each student's Five Year Educational Plan shall be reviewed annually by the student, parent, and counselor and revised as needed.

## ADVANCED PLACEMENT COURSES

AP Courses are rigorous courses to give high school students the opportunity to experience college course material with the potential to earn college credit while still in high school. Students should be college bound with a good work ethic. Students are expected to take the AP Exam at the end of the course. Fees are subject to those placed on by College Board, the AP Exam provider. Honors requirements and teacher recommendations are required.

For more information about AP: testing samples, scoring of exams, fees, and reduced fee opportunities please refer to: http://www.collegeboard.org/.

## DUAL ENROLLMENT COURSES

Dual Enrollment courses provide students the opportunity to receive college credit while still in high school. Students must complete all of the course work required for the college course in order to receive the credit. Dual Enrollment have strict prerequisites that must be met for enrollment. The prerequisites are noted within the course descriptions.

## HONORS COURSES

Courses listed as honors will be graded on the grading scale listed above. Honors courses will be identified on transcripts with an honors behind the course title. General criteria for admission into HONORS courses are listed within the course descriptions.

## LMHS ACADEMIES

Lee Magnet High School is a multi-functional, early college facility with three distinct science academies: Digital & Media Arts, BioScience, and Robotics Engineering. Supported by a comprehensive model partnership between Louisiana State University and the East Baton Rouge Parish School System, the three academies offer students meaningful, real-world, project based and experimental learning opportunities.

Digital & Media Arts

Students in the Digital and Media Arts Academy gain fundamental skills in the application of digital tools to video, games, animations, design and graphics in a project-based, hands-on environment.

BioMedical

Students in the BioMedical Academy examine the concepts of human nutrition, physiology, genetics, microbiology and medicine while working collaboratively to design and investigate solutions to health challenges.

Engineering & Robotics

Students in the Robotics Engineering Academy will be provided the opportunity to create, transform and develop their ideas to help society and our community.

## SCHEDULING: SELECTION & CHANGES

During the spring semester, students select their courses for the coming year with the help of their individual counselors. This schedule of classes is sent home for parent approval and signature and returned to the school. During the late spring, students are scheduled into classes.

Selection of teachers is not permitted at any time. Classes may be changed by the principal or designee in order to balance or to change a student who has previously passed a course or to meet graduation or college entrance requirements.

## COURSE OFFERINGS

Note that course offerings, content, prerequisites, and fees are subject to change as stipulated by the state and/or parish. AP courses substitute where state codes align. Most Dual Enrollment courses have minimum English and/or math scores of ACT-19, SAT-460, PLAN-19 or PSAT-46 requirements.

## ENGLISH

All students are required to take an English course each year of high school. All English I and English II students are required to participate in the accelerated reader program. *Springboard*, a college board pre-AP program designed to better identify potential advanced placement students and to prepare all students for college level courses, will form the basis of the 9th and 10th grade curricula. Vocabulary study, with emphasis on ACT/SAT preparation, will be an integral part of all English courses. End of Course tests will be administered for English II and English III.

Honors level English classes are accelerated courses that require more reading (3-5 independently read novels) and writing (descriptive, persuasive, and expository essays).

Criteria for admission into Honors/AP level courses are
1. A minimum subject area GPA of 3.5,
2. Mastery or Advanced in required subject area on LEAP, PARCC or Excellent EOC Test,
3. A teacher recommendation, and
4. Completion of summer reading by the initial due date on the first day of school.

Students who register for an Honors level English course and fail to meet the criteria will be placed in a regular section of the English course.

ENGLISH I 100100
ENGLISH I HONORS 102100
Grade: 9
Fee: $10
This course will review basic grammar and note taking skills from previous grades and provide opportunities for oral and written communication. The basic types of paragraphs will be taught, along with methods of development. These will be combined into short themes. The literature will focus on selected world literature, with emphasis on the theme of coming of age as depicted in short stories, the novel, media, poetry, and Shakespeare.

ENGLISH II 100200
ENGLISH II HONORS 102200
Grade: 10
Fee: $10
This course will emphasize refinement of those grammar skills essential to advanced writing. Increased practice will be provided in writing short themes using standard methods development. Library skills leading to a research paper will be taught. The literature will focus on selected world literature, with emphasis on the study of culture as depicted in the novel, poetry, drama, short stories, and media. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

ENGLISH III 100300
Grade: 11
Fee: $10
This course provides an overview of dominant ideas and styles of major American writers, focusing on regional development with added emphasis on genres and movements particular to America. The writing emphasis is on the four major methods of discourse and the process of writing a fully documented research paper. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

## AP ENGLISH LANGUAGE AND COMPOSITION 101500

Grade: 11
Prerequisites: Same of Honors level courses
Fee: $10 + $93 (cost of AP exam)
This course is designed to be an honors American literature class including an in-depth survey of major American writers and extensive writing in four modes of discourse, as well as reading and writing assignments specifically designed to prepare students for the AP test. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students who take this class are required to take the AP exam. This course will substitute for English III.

## ENGLISH IV 100400

Grade: 12
Fee: $10
The literature will be a survey of British selections from the Anglo-Saxon period to the present. Emphasis will be placed on the language, history, and philosophy which has influenced the literature. The writing emphasis is analytical and persuasive and the research paper skills are reinforced. Outside reading is required.

## ENGLISH 1002/2000 DUAL WITH LSU 100502/100550

Grade: 12
Fee: $10
Prerequisites: A minimum ACT English score of 18 AND minimum ACT English + Composite score of 38 plus teacher recommendation and writing samples.
These are two semester, DUAL enrollment courses thru LSU (ENGL 1001 & ENGL 2000) where students can earn 6 credit hours. These courses introduce students to the critical thinking, reading, writing and rhetorical skills required in college and beyond, including citation and documentation, writing as process, audience awareness, and writing effective essays.

## AP LITERATURE 101400

Grade: 12
Fee: $10 + $93 (cost of AP exam)
Prerequisites: A minimum ACT English score of 18 AND minimum ACT English + Composite score of 38 + passing score on the AP Language and Composition exam or exemplary teacher recommendation
This course includes an in-depth survey of major American and British writers and extensive writing in four modes of discourse, as well as reading and writing assignments specifically designed to prepare students for the AP test. Students who take this class are required to take the AP exam.

## CREATIVE WRITING 130300

Grades: 11-12
This course is a writing workshop that focuses primarily on writing short memoirs, short stories, and poetry. Students will be required to analyze the works of published authors, produce multiple drafts of their own work, and workshop the pieces of other students with the goal of creating publishable pieces.

## JOURNALISM I (NEWSPAPER) 175000

Grades: 11-12
Prerequisite: Teacher approval
This course is an elective that introduces the principles of journalistic writing, photography, layout and sales. Students will write stories, take photos and work on layouts which may be considered for publication in the school newspaper. A study of the history of journalism in America, as well as current trends in journalism, will also be part of the course material.

## JOURNALISM II (NEWSPAPER) 176000

Grades: 11-12
Prerequisite: Teacher approval
The intent of this course is to publish the print edition and online edition of the school newspaper. Coursework includes writing, photography, layout, webmastering, public relations and advertising sales. An afterschool commitment is required.

## INTRO TO PUBLIC SPEAKING (SPEECH I) 177100

Grades: 9-12
This is a basic course designed to train students for specialized speaking situations including reports, orations, impromptu speaking, panel discussions and elementary debate. Students learn techniques for overcoming stage fright and improve their ability to compose and deliver speeches as well as listen critically to other students' speeches.

## SEMINAR IN CURRENT TRENDS (SPEECH II) 177200

Grades: 10-12
This is a seminar-style class that focuses on in-depth research and discussion of current trends in society, including politics and government, entertainment, sports, media and healthcare. Group discussion, extemporaneous speaking and declamation will be a part of the speech element of the class.

## MATHEMATICS

All students are required to take a mathematics course each year of high school. Most mathematics courses use graphing calculators to reinforce concepts. TI-83/TI-84 Series calculators are required. **NO TI-89 Series ALLOWED!** End of Course tests will be administered for Algebra I and Geometry.

Honors level classes, designed for highly motivated students, are accelerated courses that require more practice and independent study. Criteria for admission into Honors levels math courses are:
1. A minimum subject area GPA of 3.5,
2. Mastery or Advanced in required subject area on LEAP, PARCC or Excellent EOC Test and
3. A distinguishing score on the LMHS math placement test administered at registration.

Students who register for an Honors level math course and fail to meet the criteria will be placed in a regular section of the math course.

ALGEBRA I 302000
ALGEBRA I HONORS 302100
Grade: 9, Fee: $20
This is an entry level course that bridges the gap between the concrete ideas of mathematics and the abstract thinking of Algebra. Students will explore data, the patterns formed by data, and the mathematical relations and functions that data represent. Topics studied include variables; operations and properties of real numbers; equivalent expressions and equations; solving and graphing linear equations and inequalities; factoring and solving quadratic equations; radicals; exponential growth; and probability. Special emphasis is placed on developing an understanding of functions through real-world application. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

GEOMETRY 310000
GEOMETRY HONORS 310100
Grades: 9-10, Fee: $20
Prerequisite: Successful completion of Algebra I
This course focuses on the study of visual patterns and the use of Geometry to describe the physical universe, to represent mathematical concepts, and to teach problem solving skills. Students utilize inductive reasoning to discover patterns and make conjectures; and employ deductive reasoning to confirm conjectures through proof. Topics include measurement formulas; geometric and spatial visualization; drawing skills; properties of congruence, similarity, parallelism, and perpendicularity; different methods of proof; properties of plane and solid figures; and transformations. Geometry provides unifying concepts that are used throughout high school mathematics. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

ALGEBRA II 312000
ALGEBRA II HONORS 312100
Grade: 10-11, Fee: $20
Prerequisites: Successful completion of Algebra I and Geometry
This course focuses on sharpening the understanding of concepts introduced in Algebra I and Geometry and extending the use of functions as models for real-world situations. Students explore algebraic expressions and forms, especially linear and quadratic forms, powers and roots, absolute value, and functions and graphs based on these concepts. Topics include logarithmic, exponential, and polynomial functions, and matrices. Algebraic and geometric topics are connected to topics in statistics, probability, science and engineering, and discrete mathematics. Additional Honors level topics include conics, sequences and series, probability and statistics and trigonometry. A TI-83/ TI-84 Series calculator is required.

## ADVANCED MATH 331700

Grades: 11-12, Fee: $15
Prerequisite: Successful completion of Algebra II
This is a college preparatory course that focuses on triangular and circular Trigonometry and Pre-Calculus. It further explores functions and their graphs through mathematical modeling, simulations, and real-world applications. Additional topics include: analytic geometry, conics, logarithms, the Number *e*, combinatorics and probability, derivatives, and the use of graphing calculators. TI-83 or TI-84 Series calculator is required.

## ADVANCED MATH PRE-CALCULUS HONORS 332200

Grades: 11-12, Fee: $50
Prerequisite: Successful completion of Algebra II Honors
This is a college preparatory course designed for the highly motivated math student consisting of a more detailed and enriched study of the topics in Algebra and an introduction to Calculus. The honors course is faster paced, requires independent study and is intended to prepare students for Calculus. TI-83 or TI-84 Series calculator is required.

## ADV MATH DUAL (LSU MATH 1021 ONLY) 332200-2

Grades: 11-12, Fee: $45
Prerequisites: Min. composite ACT-18 **AND** Min. math ACT-19
This is a year-long, DUAL enrollment course thru LSU where students can earn 4 credit hours. College Algebra is an in-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions with applications; systems of equations. A non-graphing calculator with logarithmic and exponential capabilities is required. TI-30 XIIS or TI-30 XIIB with a two line display is mandatory. **ALL graphing calculators are PROHIBITED!!!**

## ADV MATH DUAL (LSU MATH 1021 AND 1022) 990026

Grades: 11-12, Fee: $45
Prerequisites: **Math 1021:** Min. composite ACT-20 **AND** Min. math score of ACT-21, **Math 1022:** Credit for MATH 1021
This is a two semester, DUAL enrollment course thru LSU: one semester of Math 1021 (College Algebra) followed by one semester of Math 1022 (College Trig.) where students can earn 8 credit hours. College Algebra is an in-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions with applications; systems of equations. College Trig. is an in-depth treatment of solving trigonometric functions and graphs; inverse trigonometric functions; fundamental identities and angle formulas; solving equations; triangles with applications; polar coordinate systems. A non-graphing calculator with logarithmic and exponential capabilities is required. TI-30 XIIS or TI-30 XIIB with a two line display is mandatory. **ALL graphing calculators are PROHIBITED!!!**

## DISCRETE MATH HONORS 332600

Grades: 11-12; Fee: $45
This course will emphasize problem solving and critical thinking skills through mathematical modeling, simulations, and real-world applications. This course will include units on: logic (study of correct and incorrect reasoning, if-then statements), graph theory (scheduling, project planning, modeling relationships between sets of data), fairness (voting and determining election results, dividing property, apportionment), cryptology (encryption and decryption of messages). Students

## AP CALCULUS AB 333200

Grades: 11-12; Fee: $50 + $93 (cost of AP exam)
Prerequisite: Successful completion of Advanced Math
This course will follow the suggested outline as provided by the Advanced Placement Program of the College Entrance Examination Board. It is an intensive study of differential and integral calculus. This course prepares the student for the Advanced Placement Calculus Examination on the AB level. A graphing calculator is mandatory. Students who take this class are required to take the AP exam.

## AP CALCULUS BC 333300

Grades: 11-12; Fee: $50 + $93 (cost of AP exam)
Prerequisite: Completion of AP Calculus AB and the teacher recommendation
This course will follow the suggested outline as provided by the Advanced Placement Program of the College Entrance Examination Board. Topics included are those not covered in the AB course; additional methods of integration, vector and parametrically defined functions, sequences and series, polar coordinate system, and elementary differential equations. This course prepares students for the AP Calculus Exam on the BC level. A graphing calculator is mandatory. Students who take this class are required to take the AP exam.

## CALCULUS I DUAL (LSU) 331630

Grades: 11-12, Fee: $50 + cost of ALEKS test
Prerequisite: Prerequisite: A grade of B or above in previous math class, teacher recommendation and a minimum score of 70 on the ALEKS test.
This is a year-long, DUAL enrollment course thru LSU: MATH 1550 (Calculus I) where students can earn 5 credit hours This course will follow the suggested outline as provided by Louisiana State University designed primarily for students interested in pursuing a degree in engineering, and certain other technical majors. It is an intensive study of differential and integral calculus. A NON-graphing calculator with logarithmic and exponential capabilities is mandatory. Calculators with symbolic notation or natural display capabilities are NOT allowed.

## CALCULUS III HONORS (MULTIDIMENSIONAL CALCULUS) 331730

Prerequisite: Completion of AP Calculus BC
This course is designed to develop the topics of multivariate calculus. Emphasis is placed on multivariate functions, partial derivatives, multiple integration, solid analytical geometry, vector valued functions, and line and surface integrals. A graphing calculator is required for this course.

## AP STATISTICS 332450

Prerequisite: Completion of Advance Math
The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

## SCIENCE

Honors level classes, designed for highly motivated students, are accelerated courses that require an independent research project. Students must submit an approved hypothesis by the end of the second week of classes. Students that fail to submit an approved hypothesis by the deadline will be placed in the regular section of the science course. Students may not transfer to a regular section of the science course after the first six weeks of each semester.

Criteria for admission into Honors level sciences courses are
1. A minimum subject area GPA of 3.5,
2. Mastery or Advanced in subject area on LEAP, PARCC or Excellent EOC Test,
3. A teacher recommendation, and
4. Approved hypothesis by the end of the second week of classes.

Students who register for an Honors level science course and fail to meet the criteria will be placed in a regular section of the science course.

PHYSICAL SCIENCE 404000
PHYSICAL SCIENCE HONORS 404100
Grade: 9, Fee: $20
This is an introductory science course, emphasizing the scientific method, introducing the students to various topics in chemistry and physics. Topics such as matter, atoms, chemical reactions, are emphasized the first semester. Physics topics the second semester include, energy and electricity.

BIOLOGY I 411000
BIOLOGY I HONORS 411400
Grade: 9-10, Fee: $20
This class is a survey course of the fundamental principles of biology, including the study of life, cell structure, biochemistry, taxonomy, genetics, and patterns of change, bacteria, fungi, plants, protists, animals, adaptations, human anatomy, and ecology. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

CHEMISTRY I 421000
CHEMISTRY I HONORS 421100
Grades: 10-12, Fee: $20
Prerequisites: Currently enrolled in Algebra II or successful completion of Algebra II.
Students acquire an understanding of the fundamental principles of modern chemistry through classroom and laboratory work. Topics such as matter and its composition, the mole concept, atomic theory, bonding, chemical formulas and equations, and acids, bases and salts, are treated with varying degrees of mathematical involvement.

PHYSICS 431000
Grades: 11-12, Fee: $20
Prerequisites: Successful completion of Advanced Math I or concurrent enrollment, and teacher recommendation.
This course includes an introduction to mechanics (kinematics, dynamics, and conservation laws), fluids, heat, wave phenomena, optics, electricity and magnetism. Mathematical problem solving techniques and laboratory investigations are emphasized.

## AP BIOLOGY II & AP BIOLOGY II LAB 411200

Grades: 11-12, Fee: $20 + $93 (cost of AP exam)
Prerequisites: Successful completion of Biology I, Chemistry I, Algebra II, and teacher recommendation. Completion of, or concurrent enrollment in Physics is also recommended.
This course is designed to give students a college level survey course. College credit is contingent upon scores on the AP Exam given at the end of the school year. The College Board charges a fee for administering this test. Students complete research projects and develop independent learning skills. Students study biology in greater detail than in previous courses. Concurrent enrollment in AP Biology II Lab is required. Students who take this class are required to take the AP exam.

## BIOLOGY II DUAL (LSU) 990027

Grade: 11-12, Fee: $30 + $93 (cost of AP exam)
Prerequisites: A minimum ACT composite of 23
This is a two semester, DUAL enrollment course thru LSU: one semester of BIOL 1201 (Biology for Science Majors) followed by one semester of BIOL 1208 (Biology Lab for Science Majors) where students can earn 4 credit hours. Students study general concepts in cellular structure, cellular metabolism, cellular communication and genetics. Laboratory work is based on topics covered in the lecture class. The students will be introduced to laboratory techniques necessary for research.

## AP CHEMISTRY II 421200/421300
## AP CHEMISTRY II LAB

Grades: 11-12, Fee: $30 + $93 (cost of AP exam)
Prerequisites: Biology I, Honors Chemistry, currently enrolled in Advanced Math or Calculus, and teacher recommendation. Concurrent enrollment in AP Chemistry Lab required.
This Advanced Placement course is the equivalent to college chemistry. It covers all concepts recommended in the AP Chemistry course description. It includes in-depth theoretical studies and extensive problem solving. College credit is contingent upon scores on the AP test given at the end of the year. Students who take this class are required to take the AP exam. Students must register for both the lecture and lab courses.

## AP ENVIRONMENTAL SCIENCE 457100

Grades: 11-12, Fee: $20 + $93 (cost of AP exam)
Prerequisites: Biology I, Chemistry I, and teacher recommendation
The Environmental Science course is designed to be equivalent of an introductory college Environmental Science course. The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the risks associated with these problems, and to examine alternative solutions resolving and/or preventing them. In this course there will be a lab component as well as a field component. Upon completion of the course, students will be given the opportunity to take the Advanced Placement test for college credit. Students who take this class are required to take the AP exam.

## AP PHYSICS 1 (ALGEBRA-BASED) 431290

Grade: 11-12, Fee: $20 + $93 (cost of AP exam)
Prerequisites: Biology I, Chemistry I, credit/concurrent enrollment in Advanced Math
AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

## AP PHYSICS 2 (ALGEBRA-BASED) 431280

Grade: 11-12, Fee: $20 + $93 (cost of AP exam)
Prerequisites: AP Physics 1 and credit/concurrent enrollment in Advanced Math or Calculus
AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

## AP PHYSICS C: MECHANICS 431250

Grade: 11-12, Fee: $20 + $93 (cost of AP exam)
Prerequisites: Credit/concurrent enrollment in Calculus
AP Physics C: Mechanics is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. The laboratory portion of this course focuses on students asking questions, making observations and predictions, designing experiments, analyzing data, and constructing arguments in a collaborative setting, where they direct and monitor their progress. Each student should complete a lab notebook or portfolio of lab reports. Students who take this class are required to take the AP exam.

## AP PHYSICS C: ELECTRICITY & MAGNETISM 431270

Grade: 11-12, Fee: $20 + $93 (cost of AP exam)
Prerequisites: AP Physics C: Mechanics and credit/ concurrent enrollment in Calculus
AP Physics C: Electricity and Magnetism is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. The laboratory portion of this course focuses on students asking questions, making observations and predictions, designing experiments, analyzing data, and constructing arguments in a collaborative setting, where they direct and monitor their progress. Each student should complete a lab notebook or portfolio of lab reports. Students who take this class are required to take the AP exam.

| BIOMEDICAL ELECTIVES | |
|---|---|
| Knowledge and skills evolve as students progress through the electives. Students are encouraged to take the electives in the specific order as noted below. | |
| 9th: | Intro to Biomedical and Computer Science for Biomedical |
| 10th: | Principles of Biomedical |
| 11th: | Genetics/Cell Biology, Forensic Sciences and/or Microbiology |
| 12th: | Biomedical Capstone and AP Biology and/or AP Environmental Science |

## INTRO TO BIOMEDICAL & COMPUTER SCIENCE FOR BIOMEDICAL 761000

Grades: 9

These are two, one semester courses. Through problems that engage and challenge, in Intro to Biomedical students explore a broad range of biomedical topics, including biology, medicine, and human physiology. Students develop skills in problem solving, research, and design while learning strategies for collaboration, and presentations. Computer Science for Biomedical introduces biomedical students to basic computer programming. Languages explored in the course will include C++ and CSharp. Students must complete both courses to move on to Principles of Biomedical.

## PRINCIPLES OF BIOMEDICAL 763100

Grades: 10

Pre-req: Intro to Biomedical and Computer Science for Biomedical

Through problems that engage and challenge, students explore the interactions of the systems of the human body and solve real world biomedical problems. Students develop skills in problem solving and research methodology and design while learning strategies for collaboration and presentations.

## GENETICS & CELL BIOLOGY 990029

Grade: 11-12

Fee: $15

This is a year-long course which emphasizes Genetics and Cell Biology. Genetics focuses on the structure, function and transmission of genes from the perspectives of genetics and molecular biology. A strong foundation in genetics and its relationship to molecular biology is developed through problem solving. Students perform experiments that require data analyses and demonstrate interpretations in laboratory reports. Cell Biology investigates how cells develop, work, communicate and control their activities. Topics include basic biochemistry and metabolism, DNA structure and function, membrane/organelle function and transport, cell communication, the cytoskeleton, and cell division.

## FORENSIC SCIENCE 414200

Grade: 11-12

Fee: $15

This lab-intensive course allows students to pursue an in-depth study of forensic science as a toll for collecting evidence and crime scene analysis. Areas of study and analysis will include: physical evidence, properties of matter and the analysis of glass, drugs, forensic toxicology, the microscope, forensic serology, DNA, trace evidence, fire investigation, investigation of explosives, fingerprints, ballistics, forensic anthropology, casts and impressions, document examination and computer forensics.

## MICROBIOLOGY 414020

Grade: 11-12

Fee: $15

Bases on contemporary applications of microbiology, this course is designed to present both fundamental concepts of microbial physiology and growth as well as microbial control measures ranging from asepsis to antibiosis. The role of microorganisms in natural ecosystems, research, manufacturing and human infection will be explored, with emphasis on prokaryotic genetics and metabolism. Mechanisms of evolution will be discussed within the context of emerging pathogens and novel bioengineered organisms. The dynamics between the human microbiome and resistance to infection will be presented along with epidemiological models.

## CAPSTONE PROJECT 600000-3

Grades: 12

This course is required for all SENIORS in the Biomedical Academy. This course entails independent research on a selected project with guidance from a mentor. Students will engage in scholarly debates in the relative disciplines. Students are expected to prepare a research paper documenting their work and present their findings to their peers.

| ENGINEERING ELECTIVES | |
|---|---|
| Skills and knowledge evolve as students progress through the electives and students are encouraged to take the electives in the specific order as noted below. | |
| 9th: | Intro to Engineering Design and Computer Science for Engineers |
| 10th: | Principles of Engineering |
| 11th: | Engineering Design and Development and/or<br>Computer Science DE (LSU 1350) and Engineering Economy |
| 12th: | Advanced Robotics and/or Capstone |

## INTRO TO ENGINEERING DESIGN & COMPUTER SCIENCE FOR ENGINEERS 724605

Grades: 9-10

These are two, one semester courses. Intro to engineering design is a one semester, dual enrollment course thru LSU (ENGR 1050) where students can earn 2 credit hours. This introductory course provides students with a background of the fields of engineering. The course will include hands-on activities from various disciplines as well as guest lectures from industry and faculty. Specifically, this course will emphasize that an engineer is a team worker who needs strong skills in technical problem solving, engineering design, ethical decision making, and communicating to diverse audiences. Students who register for this class must also register for computer science for engineers. Computer science for biomedical introduces biomedical students to basic computer programming. Languages explored in the course will include C++ and Csharp. Students must complete both courses to move on to principles of biomedical.

## PRINCIPLES OF ENGINEERING 724620

Grades: 10-11

Pre-req: Intro to Engineering Design

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

## DESIGN & DEVELOPMENT 724670

Grades: 11-12

Pre-req: Principles of Engineering

Engineering Design and Development is an engineering research course in which students work in teams to research, design, test, and construct a solution to an open-ended engineering problem. Study visualization and prototyping techniques used by contemporary product designers including freehand sketching, digital rendering, information graphics, and presentation skills. The curriculum includes studies in rapid visualization, aesthetics, materials and processes, presentation techniques, principles of design methodology, elements of art, product development, human factors, and prototyping with 3D printers.

## ENGINEERING ECONOMY 724680

Grades: 11-12

Pre-req: Principles of Engineering

This is a one semester, DUAL enrollment course thru LSU (IE 3201) where students can earn 3 credit hours. Students will learn how to plan engineering projects based on economic studies for decision making, including considerations of rate of return, cost and yield studies, depreciation and tax relationships, increment costs, replacement and introduction to multivariate alternative studies. Students who register for this class must also register for Computer Science DUAL (LSU 1350) 334905.

BEGINNING ROBOTICS 723050
ADVANCED ROBOTICS 723110
Grades: 9-12
Prerequisite for Beginning: Credit for Geometry; for Advanced: Credit for Beginning Robotics
Students will use robotics to explore the fundamentals of engineering and electronics. The course will consist of project based learning including principles of engineering, physics, electronics, mechanics, and computer programming. Laboratory experiments will require students to build simple robots to demonstrate these principles.

ENGINEERING CAPSTONE 600000-4
Grades: 12
This is a required course for all SENIORS in the Engineering Academy.This is a capstone project class where students will apply engineering design principles to formulate a problem statement, prototype an electronic and/or software system to meet given specifications, integrate knowledge from across the core engineering curriculum, take a systems approach to problem solving, work productively in a team environment, and effectively communicate technical ideas and concepts.

## SOCIAL STUDIES

All students are required to take a social studies course each year of high school. An Advanced Placement course is offered as an alternative to the regular social studies course.

AP level classes, designed for highly motivated students, are accelerated courses that require a more extensive study of history, as well as more reading and more writing. Criteria for admission into AP level social studies courses are
1. A minimum subject area GPA of 3.5,
2. Mastery or Advanced in required subject area on LEAP, PARCC or Excellent EOC Test,
3. A teacher recommendation, and
4. A summer reading books submitted by the first day of school.

Students who register for an AP level social studies course and fail to meet the criteria will be placed in a regular section of the social studies course.

### WORLD GEOGRAPHY 212000

Grade: 9; Fee: $10

World Geography offers a study of the Earth's natural environment-such as its continents and oceans, rivers and lakes, mountains and plains, soils and weather. Also, world geography offers a study about the Earth's human environment-such as its population and resources, nations and cities, migration and transportation, and ways of making a living. This course will develop an understanding of the total environment of the world, both physical and cultural geography, and the impact of human environment interaction on our planet.

### AP HUMAN GEOGRAPHY 211580

Grade: 9; Fee: $20 + $93 (cost of AP exam)

AP Human Geography is a full year course designed to fulfill the curriculum expectations of a one semester university human geography course. The course focuses on the processes and cause/effect relationships of human populations. Students will be required to complete additional readings, projects, presentations, and writing assignments. Students may be eligible for college credit if they make a qualifying score on the AP exam. Students who take this class are required to take the AP exam.

### CIVICS 211700

Grade: 10; Fee: $10

A study of American government concentrating on the constitution and the three branches of government. All topics relate to both juvenile and adult roles as citizens in society. This full year course will also include the study of Free Enterprise and will introduce students to the United States Economic system.

### AP US GOVERNMENT AND POLITICS 231300

Grade: 10; Fee: $25 + $93 (cost of AP exam)

United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It requires familiarity with various institutions, groups, beliefs, and ideas that constitute the U.S. government and politics. They will also be required to complete additional readings, projects, presentations, and writing assignments. Students who take this class are required to take the AP exam. This course is required for all SOPHOMORES.

## AP GOVERNMENT AND POLITICS: UNITED STATE/COMPARATIVE 990034

Grade: 10 ; Fee: $10

Students who take this class are required to take the AP exam. This combination is more accelerated than the full year AP Government and Politics: US

First Semester: United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It requires familiarity with various institutions, groups, beliefs, and ideas that constitute the U.S. government and politics. They will also be required to complete additional readings, projects, presentations, and writing assignments.

Second Semester: Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country setting. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. They will also be required to complete additional readings, projects, presentations, and writing assignments.

## UNITED STATES HISTORY 221000

Grade: 11; Fee: $30

United States History offers a study of the history of our nation from the Industrial Revolution until the present. Through content reading, independent research, and collaborative projects, students explore the American culture through a chronological survey of major issues, movements, people, and events in United States. Content reading is a critical component of coursework in preparation for the ACT. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

## AP U. S. HISTORY 221200

Grade: 11; Fee: $25 + $93 (cost of AP exam)

AP U.S. History is a challenging course that is meant to be equivalent of a freshman college course, and students may be eligible for college credit if they make a qualifying score on the AP exam. It is a two semester survey of Untied States History from the age of exploration and discovery to the present. Solid reading skills, along with a willingness to devote considerable time to homework and independent study are necessary to succeed. Emphasis is placed on critical and evaluate thinking skills, essay writing, interpretation of original documents, and historiography. Students who take this class are required to take the AP exam.

## WORLD HISTORY 223000

Grade: 12; Fee: $15

This one year course examines societal development from the medieval period in Europe to the present with an emphasis on emerging ideologies, expansion of empires, growth of nations, and an increase of global interdependence. Students develop an understanding of current world issues and relate them to their geographical, political, economic, and cultural contexts.

## AP WORLD HISTORY 223200

Grade: 12; Fee: $25 + $93 (cost of AP exam)

AP World History is a challenging, college-level history course that seeks to develop a greater understanding of the evolution of global processes and contacts in different types of human societies over time. This means covering 10,000 years of human history from the Neolithic Revolution to the present day. With such a broad scope of study, AP World History focus less on individual nations or

regions and instead focuses on patterns of interaction and shared experiences between societies. Students who take this class are required to take the AP exam.

## PSYCHOLOGY & SOCIOLOGY 990005

Grades: 11-12

Psychology introduces students to the scientific study of behavior and mental processes. Students will learn about approaches to psychology, the life span, and the workings of mind and body. Students will be able to use this information to gain insight into your life and the lives of those around you. Sociology examines how individuals, groups, and institutions interact to make up human societies. Students will learn about sociological perspectives, culture, social structures, and social inequality. Students will study people and the roles they play in society, both as individuals and groups.

## AP PSYCHOLOGY 243100

Grades: 11-12; Fee: $25 + $93 (cost of AP exam)

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. Students should be able to read a college-level textbook, clinical supplementary material and write grammatically correct, complete sentences. Students who take this class are required to take the AP exam.

## ECONOMICS 241000

Grades: 11-12

The study of economics is the study of concepts and processes of the national and international economic systems. Content will include currency, banking, and monetary policies, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools and methodology, financial and investment markets, and the business cycle.

## AP ECONOMICS (MACRO/MICRO) 241600/241500

Grades: 11-12; Fee: $25 + $93 (cost of AP exam)

Prerequisite: Recommendation is required from current Social Studies teacher.

The aim of AP Economics is to provide the student with a learning experience equivalent to that obtained in a typical college introductory micro and macroeconomics course. Although a social science course, there is a heavy emphasis on the mathematical and statistical techniques of economic analysis. Students are required to take both the AP Microeconomics and the AP Macroeconomics examinations. Students who take this class are required to take the AP exam.

## AFRICAN AMERICAN STUDIES 226100

Grades: 11-12

This course provides an overview of African American history and culture. Topics include major events, persons, and issues spanning from the 16th century and the origin of African American heritage to contemporary times. Students will survey the evolution and development of African American culture through narratives, documents, and images. The course includes lectures, discussions, and video presentations.

## WORLD LANGUAGES

### FRENCH I 511000

Grade: 9; Fee: $10

A beginning course designed to give students the experience of learning a second language and gaining an appreciation of the cultures and places in which French is spoken. Listening comprehension, speaking, reading, and writing are included in the course curriculum.

### FRENCH II 512000

Grades: 9-10; Fee: $10

Prerequisite: It is highly recommended that a student who has earned below a C in French I repeat French I before taking French II.

This course is a continuation of French I with emphasis on conversations skills, reading, listening, and writing. Upon completion of this course, the student will have a basic command of elementary sentence patterns and grammatical structures.

### FRENCH 1001/1002 DUAL WITH LSU 515710/515720

Grade: 10-12; Fee: $45

Prerequisite: An A or B in French I and II and a proficient score on a placement exam administered the first class

This is a two semester, DUAL enrollment course through LSU (FREN 1001 and 1002) where students can earn 8 total credit hours. This is a General Education course. These are college-level French language courses that serve as an accelerated version of French I and French II. A college-level work ethic is required.

### FREN 2101/2102 DUAL WITH LSU 515732/515734

Grade: 10-12; Fee: $45

Prerequisite: An A or B in FRENCH 1002

This is a two semester, DUAL enrollment course through LSU (FREN 2101 and 2102) where students can earn 6 total credit hours. This is a General Education course. These are college-level French language courses that are the course sequence following FREN 1001 / 1002.

### FRENCH V HONORS 515600

Grade: 10-12; Fee: $45

Prerequisite: FRENCH 2101 / 2102 / FRENCH IV

This course is designed to be the equivalent of the introductory French literature readings course at the college level. This will be a writing and reading intensive course that will push students to further their communicative abilities in French. All course reading, writing, and discussion will take place entirely in French, and the curriculum will center on Francophone literature and film and will engage with contemporary questions of cultural identity. The course will cover diverse authors and film-makers from all corners of the French-speaking world, and students will undertake at least one novel study per semester.

## SPANISH I 561000

Grade: 9; Fee: $10

A beginning course designed to give students the experience of learning a second language and gaining an appreciation of the cultures and places in which Spanish is spoken. Listening comprehension, speaking, reading, and writing are included in the course curriculum. This course will introduce students to language immersion.

## SPANISH II 562000

Grades: 9-10; Fee: $10

Prerequisite: Spanish I and proficiency test (9th grade only). It is highly recommended that a student who has not made a C or above in Spanish I, should repeat Spanish I before taking Spanish II.

This course furthers the material covered in Spanish I, with stronger emphasis on advanced grammatical structures. As well as more advanced speaking and reading material, the course will also include a more in-depth study of cultural norms and practices.

## SPANISH 1101/1102 DUAL WITH LSU 561055/561065

Grade: 10-12; Fee: $45

Prerequisite: An A or B in Spanish I and II and a proficient score on a placement exam administered the first class

This is a two semester, DUAL enrollment course thru LSU (SPAN 1101 and 1102) where students can earn 8 total credit hours. This is a General Education course. Native speakers of Spanish will not receive college credit for this course. Basic lexicon and structure of Spanish; emphasis on communicative language use. These are college level Spanish Language courses that serves as an accelerated version of Spanish I and Spanish II. A college-level work ethic is required.

## SPANISH 2101/2102 DUAL WITH LSU 561075/561085

Grade: 10-12; Fee: $45

Prerequisite: SPAN 1102 or equivalent

This is a two semester, DUAL enrollment course thru LSU (SPAN 2101 and 2102) where students can earn 8 total credit hours. This is a General Education course. Continuation of elementary Spanish. Native speakers of Spanish will not receive college credit for this course. Additional emphasis on reading and writing.

## SPANISH V HONORS 565000

Grade: 10-12; Fee: $45

Prerequisite: SPAN 2101/2102/Spanish IV

This course is geared towards intermediate level Spanish speakers who express interest in developing their oral and written skills through the study of authentic Spanish material, such as current literature, film, news articles, etc. This course will be taught primarily in Spanish with a strong emphasis on oral communication. Heritage and native speakers are welcome.

## LATIN I 541000

Grade: 9; Fee: $15

This course concentrates on the basics of the Latin language with drill in grammar and translation. Roman history, legends, myths, religion and customs are presented throughout the course to promote a greater understanding of the Romans.

## LATIN II 542000

Grade: 9-10; Fee: $15

Prerequisite: Latin I; it is highly recommended that a student who has earned below a C in Latin I repeat Latin I before taking Latin II.

This course extends the study of the Latin language, but the major emphasis is on translating the language with precision.

## LATIN III 543000

Grades: 10-11; Fee: $45

Prerequisite: Latin II, teacher recommendation, and an overall average of 90% in Latin II.

This course consists of more difficult readings from the works of Roman writers, poets and historians with emphasis on differences in styles, in point of view, and in word usage.

## AP LATIN IV 544200

Grades: 11-12; Fee: $10 + $93 (cost of AP exam)

Prerequisite: Latin III Honors, teacher recommendation, and an overall average of 90% in Latin III (H)

This course will help the advanced Latin student to understand Vergil's Aeneid and Caesar's De Bello Gallico in depth. The course is quite rigorous and requires a substantial time commitment on both the teacher's and student's parts. Emphasis is placed on the content of what the Roman author says, his style and how it is interpreted by today's scholars. College credit is contingent upon scores on the AP test given at the end of the year. Students who take this class are required to take the AP exam.

## CHINESE I HONORS 530755

Grade: 9-10; Fee: $20 (for supplemental materials)

A beginning course designed to give students the experience of learning a second language and gaining an appreciation of the cultures and places in which Chinese is spoken. Listening comprehension, speaking, reading, and writing are included in the course curriculum.

## CHINESE II HONORS 530765

Grade: 9-10; Fee: $20 (for supplemental materials)

Pre-req: A or B in Chinese I Honors

This course is a continuation of Chinese I with emphasis on conversations skills, reading, listening, and writing. Upon completion of this course, the student will have a basic command of elementary sentence patterns and grammatical structures.

# BUSINESS

## INTRO TO BUSINESS AND COMPUTER APPLICATIONS 641900

Grades: 9-10; Fee: $10

This course is designed to provide students with basic computer application skills. Students will be introduced to the touch method of operating a computer keyboard to produce simple business documents. Emphasis is placed on basic computer concepts both hardware and software, word processing and spreadsheet applications.

## BUSINESS AND COMPUTER APPLICATIONS 642100

Grades: 10-12; Fee: $10

This course introduces computer software used today in the business industry. Content will focus on word processing, spreadsheet, access and presentation software.

## PRINCIPLES OF MARKETING 745000

Grade: 10; Fee: $10

Principles of Marketing introduces the basic foundations and functions of marketing and entrepreneurship. Emphasis is placed knowledge, skills, and attitudes necessary for entering and advancing in the field of reinforced in this course through the application of marketing and entrepreneurial principles. Work-based learning strategies appropriate for this course include job shadowing, field trips and/or cooperative education. Business simulations, projects, teamwork, DECA leadership activities, conferences, and competitions provide opportunities for application of instructional competencies.

## CUSTOMER SERVICE 748700

Grade: 10; Fee: $10

In this course, students are taught the key concepts of a successful customer service program. Students in this course have scheduled class time as employees in our school store.

## ENTREPRENEURSHIP 744700

Grades: 11-12; Fee: $10

This course introduces key concepts of a successful customer service program. The curriculum includes customer satisfaction, challenges of customer service, changing customer expectations and customer retention. Students in this class will manage the school stores.

## BUSINESS INTERNSHIP 655305

Grade: 12

This course is designed to provide students an opportunity to apply learned skills in the workplace. Students work with the internship coordinator to secure paid or non-paid internships in the student' related field of study. Students will be coached in the proper way to apply for and secure a desired position. The student has the opportunity to explore a single potential career or a combination of careers they may be considering. Emphasis will be placed on developing interpersonal skills, work ethics, and relevant skills of the workplace and an understanding of the selected career field of study. Oral and written communication skills are reinforced in this course as the student completes his/her workplace experience. Opportunities for application of clinical and leadership skills are provided by participation in the classroom through activities, projects, and online studies. Prerequisites:

1. Must be a senior.
2. Must have completed or be enrolled in one course in your chosen field of postsecondary study. (For example: Accounting I if student is interested in accounting as a career; Computer Science I if interested in programming, etc.)
3. Must have good academic and discipline records

## COMPUTER SCIENCE

### COMPUTER SCIENCE I 334000

Grades: 9-12
Prerequisites: Credit/Concurrent enrollment in Geometry
This is a full year introduction to computer science and computer programming language Python. The course will introduce beginning students to computer programming using structured programming concepts and the top down design approach. Specific topics covered will include algorithmic development, numeric and string manipulation, file processing, and the use of subprograms, arrays, and list. Also the class will explore the creation and use of Windows-like Graphic User Interfaces and the use of computer graphics. No previous programming experience is needed.

### COMPUTER SCIENCE 1350 DUAL WITH LSU 334905

Grades: 9-12; Fee: $45
Prereq.: Minimum composite score of ACT-23, SAT-1070, or PLAN-20 AND minimum math score of ACT-23, SAT-570, or PLAN-20. Alternately, with permission of instructor. This is a one semester, DUAL enrollment course thru LSU (CSC 1350) where students can earn 4 total credit hours. Credit will not be given for both this course and CSC 1250 or CSC 1253. Fundamentals of algorithm development, program design and structured programming using an object-oriented language. This course is designed for the student that has previous programming experience and wishes to continue to study computer science.

### AP COMPUTER SCIENCE PRINCIPLES 335160

Grades: 10-12 ; Fee: $5 + $93 (cost of AP exam)
This course introduces students to the central idea of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. Students who take this class are required to take the AP exam.

### AP COMPUTER SCIENCE A 335150

Grades: 10-12; Fee: $5 + $93 (cost of AP exam)
Prerequisite: Successful completion of Computer Science II/CSC 1350, teacher recommendation and minimum math score of ACT-19, SAT-460, PLAN-19 or PSAT-46
This is a college level Computer Science course using the Java programming language. Throughout the class, stress will be made on the object oriented approach to designing programs through the use of classes and objects. Topics covered will include creating classes and objects of classes, the use of strings and string manipulation, methods and method overloading, file stream processing, arrays and array processing, collection classes, and exception handling. Additionally, students will be introduced to the creation of graphical user interface for programs. This course is designed to prepare students for the Computer Science-A advanced placement test. Students who take this class are required to take the AP exam.

## MULTIMEDIA

**All students in the Digital Media Arts Academy are required to take Digital Storytelling**, which for freshmen, this class is a pre-requisite for all other Digital Media Arts courses. All Digital Media Arts courses require students to have a Class 10 SD card (at least 4GB) and a Flash drive (at least 4GB).

### DIGITAL STORYTELLING & COMPUTER SCIENCE FOR DIGITAL MEDIA 641810

Grade level: 9

These course provides an introduction to the interdisciplinary applications of storytelling as well as to introduce students to basic computer programming. Students who register for this class must also register for Digital Storytelling. Selection, adaptation and presentation of stories for various settings and audiences will focus on the history of oral narrative traditions, cultural perspectives, and societal impact. This course will offer students practical instruction in the traditional art of storytelling as it relates to digital and media arts.

### VIDEO & FILM (MEDIA ARTS I) 815610

Grade level: 10

This course provides an introduction to the fundamental techniques digital film production, through a theory-based hands-on approach. Film production will give students an understanding of filmmaking from conception to exhibition, through the production of their own short digital movies, using Hi Def. digital cameras and Adobe Premiere editing software.

### MOTION GRAPHICS (MEDIA ARTS II) 815620

Grade level: 11

Prerequisite: Video & Film

This course will provide the students with the basic skills to make short motion pictures. They will develop a deeper knowledge of the movie-making process, and further refine their editing skills using After Effects.

### PHOTOGRAPHY I 758710

Grade level: 10

This course provides an in-depth look at techniques, design, and sophisticated image manipulation, which will help further the student's visual vocabulary.

### PHOTOGRAPHY II 758910

Grade level: 11

Prerequisite: Photography I

This course will help students develop a portfolio of their work. Further techniques and skills will be refined and incorporated into their work.

WEB DESIGN 650000
Grades: 10
This is an introduction to the design, creation, and maintenance of web applications and websites. Students learn: how to critically evaluate website quality, the building blocks of object oriented programming, web developer skills and adhere to the W3C standards, and develop consultative skills while working for clients. The course progresses from concept, code, and publishing standards-based content for formats from websites to mobile device.

WEB INTERACTIVE 650100
Grades: 11
This is an advanced level course designed to build upon concepts of Web Design I. In addition to addressing basic concepts in greater depth, more advanced applications of technology will be addressed. Students will be expected to maintain the current school page as well as make changes and suggestions for improvement to the page.

GRAPHICS & ANIMATION I & II 644460
Grades: 10
Pre-req: Permission from the instructor
These courses will be based on hands training in the use of computer hardware and software to create digital graphics, starting with the basics of Photoshop and Illustrator and continuing Maya software. As the student develops the familiarity with these industry standard programs and graphic tools 2D animation and design projects will be overseen by mentors. The 2D animation partition of the class will focus on, rigging, planar tracking, rotoscoping, motion tracking, etc in order to develop their own animated short. The class will conclude with the introduction of 3D design, development, and rigging. These will be offered as dual enrollment courses thru LSU.

TV PRODUCTION 190300
Grades: 11-12
Students in this course will develop a daily school news broadcast.

GAME DESIGN 644450
Grade level: 11-12
Pre-req: Permission of the instructor
If you want to be a game programmer, this is where you'll start. This material will guide you through the process of making your very first video game. The skills you pick up along the way will serve as a foundation for the rest of the material in the package. In addition, you will be a competent programmer capable of writing many different types of application.

INTERACTIVE DIGITAL MEDIA 641820
Grade level: 12
In this course students will get hands-on experience with digital forms of engagement and will learn how to use a wide range of social media tools. After completion of this class, students will have the necessary knowledge and skill sets required to launch an effective digital engagement campaign across multiple Internet based platforms.

MEDIA CAPSTONE 600000-2
Grade level: 12
This is a required course for all SENIORS in the Digital Media Arts Academy. This course will be the opportunity for students to showcase their work in a capstone project. Students will be expected to be self-directed, think critically, solve challenging problems and further develop their digital media making skills.

## VISUAL AND PERFORMING ARTS

All Visual and Performing Arts students must pay their class fees in full by September 30 to be able to participate in the Haunted House field trip and the school's Haunted House exhibit. Additional costs, such as the cost of the field trip and character costumes for the haunted house, may be incurred by the student.

All Art students should be prepared to submit a portfolio (minimum of 5 pieces of work) within two weeks of registration. Send images to SARNOLD@EBRSCHOOLS.ORG. Choral, Band and Theatre students must contact the instructor for specific audition information. Auditions will take place at registration.

Choral: kpotts1@ebrschools.org
Band: cjohnson19@ebrschools.org
Theatre: jponjuan@ebrschools.org

### FINE ARTS SURVEY 889000

Grade: 9-12
Fee: $15
Fine Arts Survey is a course designed to allow students an opportunity to briefly experience the four Fine Arts: music, theatre, dance, and visual art. The course covers the history, techniques, and styles of the four Fine Arts as well as hands-on experiences for each. Academy students are encouraged to take Fine Arts Survey to satisfy their Arts graduation credit.

### ART I 811000

Grade: 9 ONLY; Fee: $50
Prerequisite: Teacher approval based on portfolio
This course covers studio production, critical analysis, aesthetic awareness, and selected art history topics. Students experience basic drawing and painting. Students may be required to purchase additional supplies depending on the choice of media.

### ART II 812000

Grades: 10-12; Fee: $50
Prerequisite: Teacher approval based on portfolio
This course places emphasis on developing concepts in art-making and problem-solving. It is a project-based learning class. To succeed in this course, you must choose projects in which you are "personally" invested, meaning that your choice must be something you "want" to pursue. You must be willing to participate in the formation of your individual projects in order to achieve my expectations. Students may be required to purchase additional supplies depending on the choice of media.

### ART III 813000

Grades: 11-12; Fee: $50
Prerequisite: Art I and II and teacher approval based on portfolio
This is an advanced level of visual arts which absolutely requires that students are able to formulate their own projects with teacher guidance. Two-dimensional and three-dimensional media are allowed. Students may be required to purchase additional supplies depending on the choice of media.

## ART IV 814000

Grades: 11-12; Fee: $50
Prerequisite: Art I, II, and III and teacher approval based on portfolio
This is an advanced level course. You will be expected to create artwork at home as well as at school based on your own ideas with teacher guidance. Students will submit goals and objectives for projects of their own design. AP college credit is available if a student takes the AP exam and scores appropriately. This is not an AP course. Students may be required to purchase additional supplies depending on the choice of media.

## AP STUDIO ART: DRAWING 811950
## AP STUDIO ART: 2-D DESIGN 811900

Grades: 11-12; Fee: $50 + $93 (cost of AP Exam)
Prerequisite: Teacher Recommendation
An accelerated art course and college level course addressing the conceptual and perceptual aspects of drawing, painting, printmaking, as long as some drawing is evident in final product. 2-D Design would include these components as well as other two dimensional media. Students may receive 3 hours of college of credit if their portfolio meets AP requirements. Examination requires 24 artworks (for digital submission) and 5 original pieces. Students may be required to purchase additional supplies depending on the choice of media. Students who take this class are required to take the AP exam.

## AP STUDIO ART: 3-D DESIGN 811700

Grades: 11-12; Fee: $50 + $93 (cost of AP Exam)
Prerequisite: Teacher Recommendation
An accelerated art course and college level course addressing the conceptual and perceptual aspects of sculpting in any 3-dimensional media of student choice. Students may receive 3 hours of college of credit if their portfolio meets AP requirements. Examination requires 24 artworks (for digital submission). No original pieces are required for exam. Students may be required to purchase additional supplies depending on the choice of media. Students who take this class are required to take the AP exam.

INTERMEDIATE ORCHESTRA 840300
Grades: 9-10
Prerequisite: Audition
Fee: $40 per semester lab fee (Additional $25 fee per semester for school owned instruments)
The Intermediate Orchestra is a performing ensemble of 20 to 30 students. This orchestra will perform at a Grade III/IV level. Most rising 9th graders are expected to have already achieved the skill level necessary to perform at the Grade II level. This class will include a continuation of skills learned at the middle-school level. Besides the learning and performance of concert music, other goals for the year will include the mastery of new keys and finger patterns, proficiency in third position and knowledge of other positions, vibrato and overall improvement of intonation and tone quality.

JAZZ ENSEMBLE 822200
JAZZ IMPROV 820800
JAZZ IMPROV ADV 821500
Prerequisite: Audition and teacher placement in specific course
Fee: $40 per semester lab fee (Additional $25 fee per semester for school owned instruments)
This course will cover a variety of styles and interpretations for the best literature written for this medium.

MUSIC AND TECHNOLOGY 855450
Create original projects using a variety of music production software tools for sequencing, sound editing, synthesis, and effects. Get familiar with music notation software. Use edit and mix a studio session using professional tools. Get hands-on training with microphones, mixers, and other live sound equipment.

ADVANCED ORCHESTRA 840400
Grades: 10-12
Prerequisite: Audition and teacher recommendation
Fee: $40 per semester lab fee (Additional $25 fee per semester for school owned instruments).
The Advanced Orchestra is a large performing ensemble. This orchestra performs music on a Grade V and Professional level. Students are expected to already be proficient in first and third positions, have a basic knowledge of other positions, and play with excellent intonation and tone quality. In addition to concert music, this group will continue the study of positions, keys, scales, vibrato, intonation, and tone quality.

## BEGINNING CHORUS 825000

Grades: 9-10; Fee $50

This is an entry-level chorus for male and female singers. No prior singing experience or knowledge is necessary. Students in this chorus will learn the basic fundamentals of music theory, history, sight singing, and vocal technique. After-school rehearsals and performances will be required. The required choir polo is included in the class fee; this polo will be worn with black pants and black shoes for all choir performances.

## CONCERT CHOIR 827100

Grade: 10-12; Fee: $30 + cost of performance attire

Prerequisite: Audition and teacher approval

This is an intermediate level choir intended for students who have already taken Beginning Chorus and understand the fundamental concepts of music theory and singing. This course continues the study of music theory, history, and vocal technique. This group will perform in combination with the Chamber Choir for most performances. Students in Concert Choir are required to participate in all school choir concerts, LMEA and ACDA honor choir auditions, fundraising, and any other performances throughout the year. In addition to the class fee, students must purchase the required performance attire through the school at the beginning of the school year.

## CHAMBER CHOIR 826200

Grade: 10-12; Fee: $30 + cost of performance attire

Prerequisite: Audition and teacher approval

This is the premier choral ensemble at Lee Magnet High School, intended for students with advanced vocal and music theory skills. Students in Chamber Choir are required to participate in all school choir concerts, LMEA and ACDA honor choir auditions, District Large Ensemble Festival, fundraising, and any other performances throughout the year. After-school rehearsals and performances will be required. In addition to the class fee, students must purchase the required performance attire through the school at the beginning of the school year.

## THEATRE I: INTRODUCTION TO THEATRE 833100

Grades: 9-10; Fee: $30

Students explore basic techniques in acting, directing, and producing live theatre as well as critical analysis of the art. A variety of performance and project assignments provide an opportunity for the individual to develop, organize, and interpret knowledge for application. Students develop creative expression through the application of knowledge, ideas, communication and collaboration skills, organizational abilities, and imagination in preparation for further learning.

## THEATRE II: METHODS & STYLES OF ACTING 833200

Grades: 10-11; Fee: $30

Prerequisite: Theatre I and Audition

Students apply basic techniques in acting, directing, and producing live theatre while exploring major developments in drama, major playwrights and their plays, the evolution of theatre as a culture, production styles, and critical analysis of the art. Students develop aesthetic perception as well as historical and cultural perspective through the knowledge of art forms, respect for their commonalities and differences, and by recognizing and understanding that the arts throughout history are a record of human experience with a past, present, and future. The skills of analysis, problem solving, cooperative involvement, flexibility, productivity, and self-direction contribute to preparing the individual for further learning.

## THEATRE III: ADVANCED ACTING 833300

Grades: 11-12; Fee: $40

Prerequisite: Theatre II and Audition

Students refine skills in acting, characterization, script analysis, and research technique through the study of improvisation, monologues, scenes, stage combat, auditioning, and musical theatre. Students will also investigate career opportunities in theatre arts. Students develop accountability, productivity, and collaboration skills. Students are required to perform in a scene recital each semester. Some after school and/or evening rehearsals will be required in preparation for performances. * may be repeated for credit

## THEATRE IV: PLAY PRODUCTION 833400-1

Grades: 12; Fee $40

Prerequisite: Theatre III and teacher approval

Students apply acquired knowledge and skills in acting, characterization, script analysis, and focused research as they prepare a play for performance. Additional skills are developed in play selection, publicity and promotion, stage management, and house management as well as scenery, costume, prop, and sound design/construction. Students are required to participate in a one-act or full-length play each semester. After school and/or evening rehearsals will be required in preparation for performances. * may be repeated for credit

## THEATRE IV: MUSICAL THEATRE 830400-2

Grades: 10-12; Fee: $40

Prerequisite: Theatre I or Beginning Chorus and audition

Students will participate in a diverse curriculum designed to introduce them to the concepts and practices of musical theatre as well as refine their skills in acting, singing, music theory, dance, auditioning, and performance. Additionally, students will explore musical theatre history and literature through a survey of musicals on film. Students are required to participate in a public performance each semester. After school and/or evening rehearsals will be required in preparation for performances. * may be repeated for credit

## PHYSICAL EDUCATION

### PHYSICAL EDUCATION I 931200

Grade: 9; Fee: $10

The aim of this course is to develop activities which a person can use later in life. Such activities as volleyball, basketball, track and field, soccer, flag football, and softball are taught.

### PHYSICAL EDUCATION II/HEALTH BLOCK 990002

Grade: 10; Fee: $10

The aim of physical education is to develop activities which a person can use later in life. Such activities as volleyball, basketball, track and field, soccer, flag football, and softball are taught. The goal in this class is to provide experiences and activities in health education that will help students to make informed choices about personal, family, and community health. The topics to be covered are first aid and safety, personal health, substance use and abuse, nutrition, and how to prevent obesity. In order to fulfill the state's health requirement (Bulletin No. 1596), each student must research the topics listed above; write essays, complete worksheets, collect newspaper and magazine articles, pass written exams and attend special lectures provided during school hours.

### SPORTS MEDICINE I (½ Credit) 070250

Grades: 10-12; Fee: $10

Pre-requisite: Health Education 935000

This course provides an opportunity for the study and application of the components of sports medicine, including but not limited to sports medicine-related careers; organizational and administrative considerations; prevention of athletic injuries; recognition, evaluation and immediate care of athletic injuries; rehabilitation and management skills; taping and wrapping techniques; emergency procedures; concussion syndrome; nutrition; sports psychology; human anatomy and physiology; basic therapeutic modalities; and therapeutic exercise. Sports Medicine I will concentrate on the lower extremities: foot, ankle, knee and hip. Students who register for this course must also register for another semester course, either another DUAL course or PE III/IV.

### PHYSICAL EDUCATION III 931400
### PHYSICAL EDUCATION IV 931500

Grade: 11-12; Fee: $10

The aim of this course is to develop activities which a person can use later in life. Such activities as volleyball, basketball, track and field, soccer, flag football, and softball are taught.

## JROTC

The Army Junior Reserve Officer Training Corps (JROTC) teaches character education, achievement, wellness, leadership, and diversity. It is a cooperative effort between the Army and the high schools to produce successful students and citizens, while fostering in each school a more constructive and disciplined learning environment. The curriculum consists of education in citizenship, leadership, social and communication skills, physical fitness and wellness, geography, and civics.

### JROTC I 941000

Grade: 9; Fee $20

Introduction to Drill and Ceremony, Physical Training, Drill Team, Color Guard, Rifle Team, marching, rifle drill, customs and courtesies, and wear of the JROTC uniform. ROTC 1 counts towards credit for physical education and health. JROTC does have hair, make up and jewelry standards higher than the school standards. Cadets are required to wear the uniform properly and participate in physical training at least once per week.

### JROTC II 942000

Grade: 10; Fee $20

Prerequisite: ROTC I.

JROTC II gives students an opportunity for leadership in cadet formations, marching, physical training and team events. Completion of ROTC I and II give full credit for physical education and health.

### JROTC III 943000

Grade: 11; Fee $20

Prerequisite: ROTC II

Introduction to individual and team planning, problem solving, decision making, public speaking and service learning. Cadets in JROTC III have opportunity for more advanced leadership in a program purposely designed for student led activity: Leadership in Drill Team, Color Guard, and Rifle Team. Highly motivated, disciplined, fit, consistent, productive, cooperative and respectful cadets will have an opportunity to serve in Cadet Battalion Staff positions.

### JROTC IV 944000

Grade: 12; Fee $20

Prerequisite: ROTC III

The highest level of leadership and responsibility. Leadership Education Training (LET) 4 cadets have opportunity to lead, plan, and execute training and service for the entire Corps of Cadets. LET 4 cadets must be the hardest working cadets in the school, setting the example: teaching, training, coaching, and mentoring other cadets. LET 4 work closely with the Senior Army Instructor to provide purpose, motivation, and direction to accomplish the JROTC mission and improve the organization. Completion of JROTC 4 gives cadets an advantage in competing for ROTC scholarships and entry into military service.

# 1105 Lee Drive
# Baton Rouge, Louisiana 70808

Nanette McCann, Principal
Sharon Sims, Associate Principal
Cindy A. Perret, Assistant Principal
Rachel Cart, School Counselor
Keyanna Mason, School Counselor
Tiffany Williams, Executive Secretary

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