

# Baton Rouge Magnet High School

## Schedule Information, Courses of Study Graduation Requirements

2018-2019

### BATON ROUGE MAGNET HIGH

Main Office	225-383-0520
Fax Number	225-344-7413
Admissions	225-379-3515
Attendance	225-387-4188
Cafeteria	225-383-1844
Guidance	225-344-1090
Guidance Fax	225-344-3066
Library	225-344-6004
Radio Station	225-343-7530
EBRP School Board	225-922-5400

### ADMINISTRATION

Nanette McCann, Principal  
Louis Moore, Associate Principal  
Shaun Feinberg, Assistant Principal  
Bridgette Fortenberry, Director of Admissions  
Michael Davis, Dean of Students

### INTRODUCTION

The information in this brochure is important to both you as a student and your parents. In order for Baton Rouge 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 BRMHS 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 9<sup>th</sup> 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 BRMHS documentation of readiness or eligibility (BRMHS 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. The BRMHS math department strongly recommends math placement based on a department administered proficiency exam. BRMHS follows a rigorous college preparatory curriculum. The EOC tests the basic state curriculum and is not a predictor of success in more advanced courses. Students who follow the recommended placement historically score higher on the ACT and are more successful at BRMHS. All students, regardless of placement, must take four (4) years of math at BRMHS.**

BRMHS 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 in visual and performing arts, plus other enrichment-type subjects. **We do not recommend early graduation.**

**SCHOLASTIC HONOR POLICY**  
The Baton Rouge Magnet High School Honor and Academic Policies will be strictly enforced.

### COUNSELING

A counselor is assigned to students at Baton Rouge 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 RESPONSIBILITY FOR MEETING GRADUATION and PREREQUISITE REQUIREMENTS RESTS WITH THE STUDENT AND PARENTS.**

### MINIMUM REQUIREMENTS FOR TOPS UNIVERSITY DIPLOMA

**Requirements are subject to change per state guidelines. See Louisiana Believes for changes/updates.**

English	4 Units
Shall be English I; II; III, AP English Lang and Comp; and AP English Lit and Comp, DE English IV	
Mathematics	4 Units
Shall be Algebra I (1 unit), Geometry, Algebra II. The remaining unit shall come from the following: Advanced Math I, Calculus, Statistics, or Discrete Math	
Science	4 Units
Shall be Biology and Chemistry	
The remaining units shall come from the following: Physical Science, Physics I, Biology II, Chemistry II, Earth Science, Environmental Science, or Physics II	
Social Studies	4 units
AP Government, and US History; two units from the following: AP European History, DE Western Civ.; World Geo., AP Human Geo.; AP World History; AP Economics; or AP Psychology	
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 1 unit of Physical Education I and ½ unit of Physical Education II. The substitution of JROTC is permissible.	
Foreign Language	2 units
Shall be 2 units in the same foreign language.	
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

### THE STATE BOARD OF ELEMENTARY AND SECONDARY EDUCATION (BESE) END OF COURSE EXAM POLICY STATES:

In addition to completing a minimum 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.

Beginning with the class of 2018, the calculation of the TOPS Core Curriculum GPA will use a Five point scale for grades earned in AP and Dual Enrollment courses.

### ACT

Scores from the ACT test are used by most colleges and universities as part of entrance and scholarship requirements. Some accommodations may be available to students with special needs—see ACT guidelines. All juniors and seniors take the ACT in the spring.

### INDIVIDUAL GRADUATION PLAN

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.

### FEES

Class fees are listed in the Course Directory, are used to support instruction and should be paid by September 30. The school fee of \$100 is due at orientation and is used to support administrative functions and school wide instruction. The additional Senior fee of \$50 is due at orientation and is used to cover costs associated with conducting the graduation ceremony. Students unable to pay fees may apply to the Executive Secretary for a hardship waiver. Fees may be reduced or waived for students whose families are experiencing economic hardships including but not necessarily limited to: families receiving unemployment benefits or public assistance; foster families caring for children in foster care; and families that are homeless. All hardship waivers and supporting documentation shall be kept confidential. If a hardship waiver is denied, it may be appealed to the Principal.

## SCHEDULING: SELECTION AND 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 or as an intervention based on the current course change policy (see counselor). Students may not change AP or DE courses after the tenth (10<sup>th</sup>) day of school.**

### BRMHS GRADING SCALE

A-4 pts., 5 pts. (H, AP)	93-100%
B-3 pts., 4 pts. (H, AP)	85-92%
C-2 pts., 3 pts. (H, AP)	75-84%
D-1 pt. (All)	67-74%
F-0 pts. (All)	0-66%

## 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. Students enrolled in AP courses are strongly encouraged and may be incentivized to take the AP exam.

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

## 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.

### CRITERIA FOR ADMISSION INTO HONORS COURSES (GRADES 9-12) REQUIREMENTS: MINIMUM SUBJECT AREA AVERAGE OF 3.5

1. Advanced in required subject area on LEAP, or EOC Test.
2. Teacher recommendation

## COURSE OFFERINGS:

Note that course offerings, content, requirements, and fees are subject to change as stipulated by the state and/or parish. AP courses substitute where state codes align.

### ACT PREP

#### ACT PREP/ HEALTH ACT PREP/ PE ACT PREP/ PRINCIPLES OF BUSINESS ACT PREP/ LOGIC

Grade: 11-12  
Fee: \$5

Note: This is a 1 semester course that must be combined with PE, Health, Principles of Marketing, or Logic.

This is a one semester, ACT Prep class. Students will apply strategies and tips to thousands of ACT questions to improve their score. Students will take full-length practice tests in class and receive individualized feedback on how to improve their score.

## 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 9<sup>TH</sup> AND 10<sup>TH</sup> 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 I, ENGLISH II, AND ENGLISH III.**

### ENGLISH I

Grade: 9  
Fee: \$20

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. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

### ENGLISH I HONORS

Grade: 9 Prerequisites: Honors requirements  
Fee: \$20

In addition to the basic grammar and the major literary genres, this course will emphasize descriptive, persuasive, and expository essays, as well as a full-length research paper. Required reading will include 3-5 novels and at least one play from Shakespeare. This course moves at a much faster pace, covers material in greater depth, requires more AR reading, and demands a stronger work ethic than regular English I. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

### ENGLISH II

Grade: 10  
Fee: \$20

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 II HONORS

Grade: 10 Prerequisites: Honors requirements  
Fee: \$20

In addition to the material covered in regular English II, this course will include at least one Shakespearean play and 3-5 independently-read novels. The research and documentation process will be covered, culminating in a persuasive paper. This course is designed to move more rapidly, requires more AR reading and covers the material in more depth than the regular English II course. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

### ENGLISH III

Grade: 11  
Fee: \$20

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

Grade: 11

Prerequisites: Students must have a recommendation and a grade of A or B from the English II teacher.  
Fee: \$20

This course is designed to be an honors American literature class combined with a strong preparation for Language and Composition AP exam. This course includes 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.

### AP SEMINAR

Grade: 11-12

Prerequisites: Students must have two teacher recommendations, one from the English II teacher, and an A or B in English II.  
Fee: \$20

Students will investigate real-world issues from multiple perspectives in order to develop and write credible and valid evidence-based arguments. The AP evaluation requires two academic essays with presentations (one group and one individual) and an End Of Course AP exam. Students who earn a score of 3 or higher in AP Seminar, AP Research, and 4 other AP courses will receive the AP Capstone Diploma. This course is a prerequisite for AP Research

### AP RESEARCH

Grade: 12

Prerequisites: AP Seminar  
Fee: \$20

Students will deeply explore an academic topic, problem, issue or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Students reflect on their skill development, document their process, and curate artifacts through a process and reflection portfolio. The course culminates in an academic paper and a presentation with an oral defense. Students who earn a score of 3 or higher in AP Seminar, AP Research, and 4 other AP courses will receive the AP Capstone Diploma.

### ENGLISH IV

Grade: 12  
Fee: \$20

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 101 – DUAL ENROLLMENT WITH SLU

Grade: 12  
Fall Semester

Instruction and practice in the basic principles of expository writing: the paragraph and the whole composition—the methods of development, the thesis, the outline and organization, the structure and style. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, in direct relation to the student's writing.

### ENGLISH 102 – DUAL ENROLLMENT WITH SLU

Grade: 12  
Spring Semester

Students will read and write about literature and other essays. They will practice writing expository papers including the argument, the critical essay, the research paper, and the essay examination. They will learn techniques such as the use of primary and secondary sources, basic documentation skills, recognition of various documentation formats including MLA and APA, the ability to use research in writing, and knowledge of library, field, and electronic research procedures. Students will develop an ability to write for

various audiences and purposes (including timed, in-class writing). Students will develop productive planning and revising processes for various kinds of papers, including those requiring research. Finally, students will review punctuation, mechanics, grammar, and sentence structure within the context of their writing.

### AP ENGLISH LITERATURE AND COMPOSITION

Grade: 12

Prerequisites: Students must have a recommendation and a grade of A or B from the English III teacher.

This course is designed as an honors World Literature class and preparation for the Literature and Composition AP exam. This course aligns to an introductory college-level literary analysis course. Students are engaged in the close reading and critical analysis of novels, plays, short prose and poetry to deepen their understanding of the ways writers use language to provide both meaning and pleasure. Students will study both poetry and prose and consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students who take this class are required to take the AP exam.

### CREATIVE WRITING

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. This course is an ELECTIVE and does not meet the requirements for English III or IV.

### PUBLICATIONS I (YEARBOOK)

Grades: 11

Prerequisite: English teacher recommendation and student application.

This course focuses on the skills of magazine journalism. Class members will serve as the staff of the FRICASSEE and will provide comprehensive coverage of personalities and events of BRMHS for the year. Layout, photography, design, copywriting, and proofreading are some of the activities. Juniors accepted are expected to enroll in Publications II the following year to serve as editors. Ad sales are a grade requirement.

### PUBLICATIONS II (YEARBOOK)

Grade: 12

Prerequisite: Successful completion of Publications I, teacher recommendation  
Student must meet the same requirements as Publications I.

### JOURNALISM I (NEWSPAPER)

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)

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.

## MATHEMATICS

**NOTE: 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+ CALCULATORS ARE RECOMMENDED)**

### ALGEBRA I

Grade: 9

Fee: \$5

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

Grades: 9-10

Prerequisite: Successful completion of Algebra I  
Fee: \$7

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. TI-89 calculators are NOT allowed.

### HONORS GEOMETRY

Grade: 9--10

Prerequisites: Successful completion of Algebra I and honors requirements  
Fee: \$7

This is a discovery course designed for students who are not challenged in the traditional style math class, who have a strong Algebra background, and who are self-motivated. Students, working in groups, will use investigative activities to discover geometrical concepts. Inductive reasoning skills, deductive reasoning skills, and problem-solving skills are stressed. All topics listed in the above Geometry course are studied in more detail with additional enrichment units and more individual and group projects. TI-89 calculators are NOT allowed.

### ALGEBRA II

Grade: 10-11

Prerequisites: Successful completion of Algebra I  
Fee: \$5

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. TI-83 or TI-84 calculator is required. TI-89 calculators are NOT allowed.

### HONORS ALGEBRA II

Grades: 10-11

Prerequisites: Successful completion of Algebra I and honors requirements  
Fee: \$5

This course, is designed for the highly motivated math student, consists of a more detailed study of the topics in Algebra II with additional topics such as conics, sequences and series, probability and statistics and trigonometry. The honors course is faster paced and requires independent study. . TI-83 or TI-84 calculator is required. TI-89 calculators are NOT allowed.

### ADVANCED MATH

Grades: 11-12

Prerequisite: Successful completion of Algebra II  
Fee: \$5

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 calculator is required. TI-89 calculators are NOT allowed.

### HONORS ADVANCED MATH

Grades: 11-12

Prerequisite: Successful completion of Geometry Honors and Algebra II Honors, and honors requirements  
Fee: \$5

This is a college preparatory course designed for the highly motivated math student. It consists of a more detailed and enriched study of the topics in Algebra with the additional topics of systems, matrices, sequences, statistics, and an introduction to calculus – limits, tangent line problem, and the area under a curve problem. The honors course is faster paced and requires independent study. TI-83 or TI-84 calculator is required. TI-89 calculators are NOT allowed.

### CALCULUS

Grades: 11-12

Prerequisite: Successful completion of Advanced Math  
Fee: \$5

This is a calculus course for students not taking the Calculus AP exam. It includes the study of limits, derivatives, integral, and their applications in the real-world, as well as an in-depth review of topics for the ACT and SAT. Interpreting and analyzing data from a graphing calculator is also a part of this course. TI-83 or TI-84 calculator is strongly recommended. TI-89 calculators are NOT allowed.

### DISCRETE MATH HONORS

Grades: 12

Prerequisite: Advanced Math  
Fee: \$8

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), cryptography (encryption and decryption of messages).

### MULTIDIMENSIONAL CALCULUS 3- HONORS

Grades: 12

Prerequisite: successful 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.

### AP STATISTICS

Grades: 12

Prerequisite: Successful completion of Advanced Math  
Fee: \$30

This course provides an elementary introduction to probability and statistics with applications. Topics include: basic probability models; combinatorics; random variables; probability distributions; statistical estimation and testing; confidence intervals; and an introduction to linear regression. Students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course is very hands-on and students will be engaged in constructing their own knowledge through the use of technology, projects and laboratories, cooperative group problem-solving, and writing. TI-83 or TI-84 calculator is required.

## AP CALCULUS AB

Grades: 11-12

Prerequisite: Successful completion of Advanced Math Honors with a grade of B or above teacher recommendation

Fee: \$30

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.

## AP CALCULUS BC

Grades: 11-12

Prerequisite: Completion of AP Calculus AB and teacher recommendation

Fee: \$30

This course provides a discussion of topics suggested by the Advanced Placement Program of the CEEB for the BC Level Calculus course. 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.

## LOGIC/ BUSINESS LAW

### LOGIC/ ACT

### LOGIC/ PRINCIPLES OF MARKETING AND BUSINESS

Grades: 11-12

1 Semester combined with one of the listed courses.

Logic is the study of correct and incorrect reasoning. It is an analysis of various types of arguments and has as its goal the development of the art of logical, clear thinking, reasoning, and exposition.

## SCIENCE

### PHYSICAL SCIENCE

Grade: 9

Fee: \$15

This is an introductory science course, emphasizing the scientific method, introducing the students to various topics in chemistry and physics.

### BIOLOGY I

Grade: 9-10

Prerequisites: enrollment in Geometry

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.

### HONORS BIOLOGY

Grade: 9-10

Prerequisites: enrollment in Geometry and teacher recommendation or A in 8<sup>th</sup> grade Science (9<sup>th</sup> graders)

Fee: \$20

This course, designed for highly motivated science student, consists of a more detailed study of the topics in Biology I. Emphasis is on more difficult laboratory exercises, a science fair project, readings, individual research, and independent study. Coursework is rigorous and relevant in preparation for End of Course (EOC) testing.

### BIOLOGY II

Grades: 11-12

Prerequisites: Successful completion of Biology I and Chemistry

Fee: \$20

This course is designed for students interested in a more in-depth study of biology. Major topics include evolution,

taxonomy, anatomy and physiology of major kingdoms, animal behavior, and human anatomy. Course includes dissections as well as hands-on labs involving living specimens.

### AP BIOLOGY II

Grade: 12

Prerequisites: Successful completion of Biology I, Chemistry I, Algebra II, and teacher recommendation. Completion of, or concurrent enrollment in Physics is also recommended.

The AP Biology 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.

### AP BIOLOGY II LAB

Grade: 12

Prerequisites: Successful completion of Biology I, Chemistry I, Algebra II, and teacher recommendation.

Fee: \$20

Laboratory work is based on topics covered in AP lecture class. The student will be introduced to laboratory techniques necessary for research. Concurrent enrollment in AP Biology II required.

### ENVIRONMENTAL SCIENCE

Grades: 10

Prerequisites: Biology I and Physical Science

Fee: \$15

This course is for 10<sup>th</sup> grade students who took Biology in 9<sup>th</sup> grade but do not meet the prerequisites for Chemistry. This course explores the mechanisms governing the structure and function of ecological systems and the relationship of such systems and the relationship of such systems to man. Topics for study include aquatic habitats, resource use, risk management, waste treatment and health issues. Emphasis is on library research and field work, when possible.

### AP ENVIRONMENTAL SCIENCE

Grades: 11-12

Prerequisites: Biology I, Chemistry I, and teacher recommendation

Fee: \$20

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.

### CHEMISTRY I

Grades: 10-12

Prerequisites: Currently enrolled in Algebra II or successful completion of Algebra II.

Fee: \$15

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.

### HONORS CHEMISTRY

Grades: 10-12

Prerequisites: Completion of Algebra I, Physical Science, Biology I, teacher recommendation and enrolled in Algebra II or successful completion of Algebra II.

Fee: \$15

This course is designed primarily for highly motivated science students. It covers the same concepts as in regular chemistry but with more emphasis on the theoretical and mathematical aspects. Advanced laboratory experiments are included and individual research and student will be emphasized.

### AP CHEMISTRY II

Grades: 11-12

Prerequisites: Biology I, Honors Chemistry, currently enrolled in Advanced Math or Calculus, and teacher recommendation. Concurrent enrollment in AP Chemistry Lab required.

Fee: \$20

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.

### AP CHEMISTRY II LAB

Grades: 11-12

Prerequisites: Biology I, Honors Chemistry, currently enrolled in Advanced Math or Calculus, and teacher recommendation. Concurrent enrollment in AP Chemistry Lab required.

This course includes experiments related to the concepts in the Chemistry II course. It includes all types of experiments recommended in the AP Chemistry brochure including a unit on qualitative analysis. Stress is on laboratory techniques and the use of analytical instruments.

### PHYSICS

Grades: 11-12

Prerequisites: Successful completion of Advanced Math I or concurrent enrollment.

Fee: \$15

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 PHYSICS 1& 2 (ALGEBRA-BASED)

Grades: 10-12

Prerequisite: Algebra II, Chemistry I (or concurrently taking Chemistry (H)) and Teacher Recommendation.

Fee: \$20

AP Physics 1 is an algebra-based, introductory college-level physics course for students who have a strong math skill and science interest. The AP Physics 1 explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and simple circuits. AP Physics 2 covers fluids, thermodynamics, electrostatics, electricity (capacitance, resistance circuits), magnetism, electromagnetism, physical and geometric optics, atomic and nuclear physics. Through inquiry-based learning, students will develop scientific thinking and reasoning skills. College credit is contingent upon scores on the AP exams given at the end of the year.

### AP PHYSICS C – (MECHANICS OR E&M)

Grades: 11, 12

Prerequisite: Physics I, Calculus AB or concurrent enrollment and teacher recommendation

Duration: 2 semesters for either Mechanics (1 Credit) or E&M (1 Credit)

Fee: \$20

The AP-C Mechanics course is the equivalent of the first semester, and the AP E&M is the equivalent of the 2nd semester in calculus-based college physics for students majoring in the physical sciences or engineering. The Mechanics section of the AP Physics course description including kinematics, laws of motion, work, energy, power, linear momentum, rotation, oscillations, and gravitation.

The E&M section of the AP Physics course description including Electrostatics, Gaussian Law, D.C Circuits,

Ampere's Law, Magnetostatics, Magnetic Induction, Faraday's Laws, RCL circuits, and AC Circuits.

The courses include theoretical studies, extensive problem solving, and in-depth lab investigations. College credit is contingent upon scores on the AP Exams given at the end of the year.

## **SOCIAL STUDIES**

### **WORLD GEOGRAPHY**

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**

Grade: 9  
Prerequisite: A in 8<sup>th</sup> Grade Social Studies  
Fee: \$10

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.

### **AP GOVERNMENT AND POLITICS: UNITED STATES (FULL YEAR)**

Grade: 10  
Fee: \$10

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.

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

Grade: 10  
Prerequisites: A or B in all other Social Studies and teacher recommendation.  
This is an accelerated course.  
Fee: \$10  
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**

Grade: 11  
Fee: \$10

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**

Grade: 11  
Prerequisites: Recommendation from English and Social Studies teachers.  
Fee: \$10

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 United 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.

### **WESTERN CIVILIZATION (DUAL ENROLLMENT SLU)**

Grade: 12  
Students receive 1 credit for high school each semester and 3 hours of college credit each semester.  
Students enrolled in this course must complete an application for Southeastern Louisiana University.

**First Semester:** Surveys major civilizations of the world before 1500 and emphasizes interactions among them and their influences on each other.

**Second Semester:** Surveys major civilizations of the world from 1500 to the present and emphasizes interactions among them and their influences on each other.

### **AP WORLD HISTORY**

Grade: 12  
Fee: \$10

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.

### **AP EUROPEAN HISTORY**

Grade: 12  
Prerequisite: Recommendation from Social Studies teacher.  
Fee: \$10

This is a college level course of European History from 1450-1998 which uses college texts and materials. College credit for the course may be obtained by AP examination at the end of the school year. Additional readings materials will be required.

### **AFRICAN AMERICAN STUDIES**

Grade: 11-12 (10<sup>th</sup> Grade w/ recommendation)  
Fee: \$15

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.

### **PSYCHOLOGY**

Grades: 11-12  
Fee: \$10

This course is a study of major trends in psychology, which requires in-depth interest and work of the

student. Brain functions, basic principles of behavior, psychological influences, and characteristics of mental illness are discussed. This elective course includes a description of psychology as a social science and an analysis of the use of the scientific method of inquiry. Various instructional methods and participatory activities will be used to develop student understanding of personality, motivation and emotion, learning and memory, abnormal psychology and psychological treatment methods.

### **AP PSYCHOLOGY**

Grades: 11-12  
Prerequisite: Recommendation is required from current Social Studies and Biology Teachers.  
Fee: \$10

This class will take a more in-depth look into the science of psychology in an attempt to prepare the students to take the Advanced Placement examination. Through the use of activities, strategies, current issues, and active thinking, questioning and problem-solving we will study introductory level psychological theories and behavioral issues. Supplemental readings are included, as well as case studies.

### **AP ECONOMICS (MICRO AND MACRO)**

Grades: 11-12  
Prerequisite: Recommendation is required from current Math or Social Studies teacher.  
Fee: \$10

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.

## **WORLD LANGUAGES**

### **CHINESE I HONORS**

Fee: \$10  
Prerequisite: Completion of graduation requirements in another World Language

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**

Prerequisite: It is highly recommended that a student who has earned below a C in Chinese I, repeat Chinese I before taking Chinese II.  
Fee: \$10

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.

### **FRENCH I**

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**

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.  
Fee: \$10

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 II ADVANCED

Prerequisite: An overall A average in French I and teacher recommendation.

Fee: \$10

A more in-depth study with additional enrichment units designed to prepare students who are planning to take French III Honors.

## HONORS FRENCH III

Prerequisite: teacher recommendation and an overall A or B average in French II. Must know *passé composé*, imperfect, and common irregular verbs.

Fee: \$10

This is an advanced language course. It is designed to develop skills in understanding, speaking, reading, and writing. By focusing on developing a higher degree of proficiency, students acquire early and more extensive preparation for the French Advanced Placement Language Test taken at the end of French Language and Culture (AP).

## HONORS FRENCH IV

Prerequisite: teacher recommendation and an overall A or B average in French III (H). Must earn an A or B on grammar placement test before registration.

Fee: \$10

This is an advanced language course designed to extend skills in understanding, speaking, reading and writing. Students increase their language proficiency using authentic texts. By focusing on developing a higher degree of proficiency, students can expand their preparation for the French Advanced Placement course.

## AP FRENCH LANGUAGE AND CULTURE

Prerequisite: French III (H), teacher recommendation, and overall A average in French III (H), and/or French IV(H). Must earn an A on grammar placement test before registration AP human Geography is strongly recommended.

Fee: \$12

This is an advanced French language course and requires strong work ethic. It will allow students to maintain and refine their skills in understanding, speaking, reading and writing. It covers all concepts recommended in the AP French course description brochure. College credit is contingent upon scores on the AP test given at the end of the year. The College Board charges a fee for administering the AP test.

## HONORS FRENCH V

Prerequisite: AP French Language and Culture with 3 or higher and teacher recommendation

Fee: \$10

Independent Study

This is an advanced French language and literature course. It develops students' ability to read and to discuss perceptively representative works of French literature and film. Discussions, presentations, debates, journal writing, audiovisual activities and practice will allow students to maintain and refine their skills in understanding, speaking, listening, reading, and writing.

## HONORS FRENCH VI

Prerequisite: French V (H) with A average and teacher recommendation

Fee: \$10 Independent Study

This is an advanced French language and literature course. It develops students' ability to read and to discuss perceptively representative works of French literature. The focus is on prose, poetry, and drama from different periods. Discussions, presentations, debates, and journal writing will allow students to maintain and refine their skills in understanding, speaking, reading, and writing.

## GERMAN I

Prerequisite: Completion of graduation requirements in another World Language

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 German

is spoken. Listening comprehension, speaking, reading, and writing are included in the course curriculum.

## GERMAN II

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

Duration: 2 semesters (1 Credit)

Fee: \$10

This course is a continuation of German 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.

## GERMAN III

Prerequisite: German II and teacher recommendation

Fee: \$10

This is an advanced language course. It is designed to develop skills in understanding, speaking, reading and writing.

## GERMAN AP

Prerequisite: German III and teacher recommendation

Fee: \$10

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

## LATIN I

Fee: \$15 (for supplemental materials)

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

Prerequisite: Latin I and BRMHS fall diagnostic test (9<sup>th</sup> grade); it is highly recommended that a student who has earned below a C in Latin I, repeat Latin I before taking Latin II.

Fee: \$15 (for supplemental materials)

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

## HONORS LATIN III

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

Fee: \$45 (for supplemental materials)

This course consists of unabridged readings from the works of Roman writers, poets and historians with emphasis on differences in styles, in point of view, and in word usage. In order to be successful in this course students must have mastered Latin 1 & 2 syntax (all 5 declensions, all tenses/both voices of indicative and subjunctive moods, indirect statement, ablative absolute, subjunctive constructions)

## AP LATIN IV

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

Fee: \$90 (for supplemental materials and an AP exam fee)

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.

## HONORS LATIN V

Prerequisite: Latin III H or IV AP, teacher recommendation.

Fee: \$90 (for supplemental materials)

This course will help the advanced Latin student to understand *Catullus/Ovid* 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. No AP test is currently offered for this course.

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**SPANISH NOTE:** Native speakers and Immersion students should schedule an interview during spring testing. See the world language department chairperson if you are unsure of the course and level.

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## SPANISH I

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 prepares students for Spanish II.

## SPANISH II

Prerequisite: Spanish I and BRMHS diagnostic test. 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.

Fee:

\$10

This course continues the study of Spanish I with greater emphasis on idioms, vocabulary, and preterite tense. Students begin to attempt sustained conversation and the reading of narratives. For this course students must have mastered the use of irregular and regular present tense verb forms and agreements in nouns-articles/adjectives gender and numbers.

## SPANISH II ADVANCED

Prerequisite: Spanish I and BRMHS Diagnostic test (9<sup>th</sup> grade)

Fee: \$25 (for supplemental materials and college dictionary)

This course is a more in-depth study with additional enrichment units designed to prepare students who are planning to take Spanish III Honors.

## SPANISH III

Prerequisite: A or B in Spanish II and teacher recommendation

This is an advanced language course. It is designed to develop skills in understanding, speaking, reading and writing.

## HONORS SPANISH III

Prerequisite: A in Spanish II and teacher recommendation Fee: \$40 (for supplemental materials)

The course covers all concepts recommended in the AP Spanish course description brochure with an intensive grammar review and more in-depth treatment of material presented in previous levels. The course covers the four skills: reading writing, listening and speaking and begins to prepare the student for the advanced placement test in Spanish language.

## SPANISH IV

Prerequisite: A or B in Spanish III and teacher recommendation Independent Study

This is an advanced language course. This independent Study is designed to develop skills in understanding, speaking, reading, and writing.

## AP SPANISH LANGUAGE AND CULTURE

Prerequisite: Spanish III with a 90% semester average, teacher recommendation  
Fee: \$70 (for supplemental AP materials)

This course continues to prepare students for the AP exam. It also stresses reading, writing, listening, and speaking with less need for grammar review. It concentrates on vocabulary building, reading, and listening comprehension, and more spontaneous communication in writing and speaking. It covers all concepts recommended in the AP Spanish course description brochure. College credit is contingent upon scores on the AP test given at the end of the year.

## AP SPANISH LITERATURE AND CULTURE

Prerequisite: Spanish Language and Culture AP, teacher recommendation  
Fee: \$80 (for supplemental AP materials)

This course will help the advanced Spanish student to understand the works of popular Spanish authors in depth. The course is quite rigorous and requires a substantial time commitment on the part of both teacher and student. Emphasis is placed on the content of what the author says, his style, and how it is interpreted by today's scholars. College credit is contingent upon scores of the AP test given at the end of the year.

## BUSINESS

### ACCOUNTING I

Grades 10-12  
Fee: \$10

This course designed to introduce students to basic theory and procedures along with current applications of computer technology in accounting. Emphasis is placed on the mastery of basic accounting concepts and procedures. Mathematical, critical thinking, problem solving, decision-making, technology, and team building skills are reinforced in this course.

### ACCOUNTING II

Grades 11-12  
Prerequisite: Accounting I and teacher approval required.  
Fee: \$10

This course designed to reinforce skills learned in basic accounting theory. Advanced instruction is given in journalizing, posting, preparation of payroll, taxes and business forecasting. Emphasis is placed on incorporation of an advanced accounting system. Mathematical, critical thinking, problem solving, decision-making, technology, and team building skills are reinforced in this course.

### RECORD KEEPING

Grades: 11-12  
Prerequisite: Successful completion of Accounting I and II and teacher approval required  
Fee: \$10

This course is designed to give students a broad knowledge of business operations and the basic skills they need to keep better financial records. Students will apply accounting skills to recording school technology inventory, bookroom inventory, DECA membership records and Legal Tender records

### PRINCIPLES OF BUSINESS AND MARKETING/ HEALTH PRINCIPLES OF BUSINESS AND MARKETING/ ACT PREP PRINCIPLES OF BUSINESS AND MARKETING/ BUSINESS LAW

Grade: 10-12  
Fee: \$10

Business and Marketing will include basic principles about commerce and the economy, how a business operates and contributes to society, and how finance links all facets of business together. These concepts will be reinforced by each student's participation in the BRMHS school store - Bulldog Bites. Business certifications in Microsoft Word, Excel and PowerPoint will be offered as well as the Customer Service certification by the National

Retail Federation. Classes will participate in the BRMHS Trade Show at the end of each semester by teaming up to envision a new product and how to market that product.

### BUSINESS LAW/ LOGIC BUSINESS LAW/ PRINCIPLES OF BUSINESS AND MARKETING BUSINESS LAW/ ACT

Grade 11-12

This course is a comprehensive program designed to provide students with an overview of the legal system and how it pertains to business. It offers information on the basic legal framework of business and how they must operate. Business law will benefit the students as they become productive citizens, workers, and consumers in society.

### ENTREPRENEURSHIP/BUSINESS

Grade 11-12

Fee \$10.

Entrepreneurship/Business students will manage the BRMHS Bulldog Bites store including assigning student jobs, maintaining inventory and completing daily reports. Prerequisite: Successful completion of Principles of Business or Principles of Marketing. Teacher approval (Mrs. Lee or Mrs. Parker) required to enroll

### CIW INTERNET BUSINESS

Grades: 9-12

Fee: \$5

First semester students study HTML language to design, develop, maintain, and publish Web pages on the World Wide Web. Dreamweaver software for web design will be integrated into the lessons. In the second semester, students will learn desktop publication techniques using Fireworks, Flash, and Freehand to integrate into Web desktop applications. Each student will create and publish a personal electronic portfolio.

### CIW WEBSITE DEVELOPMENT

Grades: 10-12

Fee: \$5

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. Student will be given the opportunity to work with additional software packages such as Dreamweaver, Flash, and Fireworks.

## COMPUTER SCIENCE

### COMPUTER SCIENCE I

Grades: 9-12

Prerequisites: Successful completion of or currently enrolled in **Geometry**  
Fee: \$5

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 II HONORS

Grades: 9-12

Prerequisites: Successful completion of Computer Science I and enrolled or completed in Algebra II  
Fee: \$5

This is a full year course in computer programming using the language C++. Topics covered will include structure programming methods, the C++ language, structured programming methodology, algorithm development using the top down approach, the design and use of functions, function overloading and recursive functions in programming. The course will also cover numeric and

string processing, text files and file processing, and the creation and use of data structures such as arrays, structs, and linked list. Additionally, the class will cover an introduction to object oriented programming using classes to implement objects within programs. This course is designed for the student that has previous programming experience and wishes to continue to study computer science.

### AP COMPUTER SCIENCE PRINCIPLES

Grades: 10-12

Prerequisite: Successful completion of Computer Science I and teacher recommendation  
Fee: \$5

This is the equivalent to a first semester introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends.

### AP COMPUTER SCIENCE III

Grades: 10-12

Prerequisite: Successful completion of Computer Science II and teacher recommendation  
Fee: \$5

Students who take this class are required to take the AP exam.

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.

### COMPUTER ELECTRONICS

Grades: 11-12

Prerequisite: Computer Science II and teacher recommendation  
Fee: \$10

Students who take this class are required to take the AP exam.

This course provides an introduction to the computer hardware and software skills that will prepare students for the CompTIA A+ certification exam and entry-level positions as an IT professional. The curriculum covers the fundamentals of PC technology, assembly and set-up, troubleshooting and repair, operating system installation, and the fundamentals of networks and network security. The students will use the Cisco NetAcademy website and various hands-on activities in the course.

## TECHNICAL EDUCATION

### BASIC TECHNICAL DRAFTING I FALL SEMESTER

Grades: 9-12

Fee: \$25 per semester

Basic Drafting Technology is an exploratory course in mechanical drawing for the serious-minded student desiring to learn the drafting basics in design, construction, and fabrication. This course develops the student's ability to express ideas in pictorial form, to describe objects using drawings, and to read and to understand projection methods and working drawings. This course reinforces science, mathematics, and communication skills. The course begins with basic drafting skills and transitions to technical design. Emphasis of instruction and class work is toward a group design project. This course and Mechanical Technical Student Association (MTSA) technical and leadership activities enhance skills essential for students interested in technical and engineering career fields.

## **BASIC TECHNICAL DRAFTING II SPRING SEMESTER**

Grades: 9-12  
Fee: \$25 per semester

Basic Drafting Technology is an exploratory course in mechanical drawing for the serious-minded student desiring to learn the drafting basics in design, construction, and fabrication. This course develops the student's ability to express ideas in pictorial form, to describe objects through use of drawings, and to read and to understand projection methods and working drawings. This course reinforces science, mathematics, and communication skills. An introduction to basic Computer Aided Drafting and Design (CADD) provides the student with basic SolidWorksTM understanding and skills. The course begins with basic SolidWorksTM skills and transitions to technical design. Emphasis of instruction and class work are directed toward an individual design project. This course and Mechanical Technical Student Association (MTSA) technical and leadership activities enhance skills essential for students interested in technical and engineering career fields.

## **ARCHITECTURAL DRAFTING I**

Grades: 10-12  
Prerequisite: Basic Technical Drafting II  
Fee: \$25 per semester

This course is for the student interested in architecture, landscape architecture, and building construction. Students begin with basic concepts of architectural design, planning and drafting skills transitioning to residential design to meet given specifications. Students learn basic architectural drafting and Computer Aided Drafting and Design (CADD) using ArchiCADTM to prepare required drawings including; foundation, plan, floor plan, elevation, plumbing, electrical, HVAC and site views used to convey necessary and specific information that expresses and records ideas for those who produce, use, and these products. Emphasis of instruction and class work are directed toward an individual design project where the student prepares a set of working drawings for residential construction and an architectural model. This course reinforces science, mathematics, and communication skills. This course and Mechanical Technical Student Association (MTSA) technical and leadership activities enhance skills essential for students interested in technical and engineering career fields.

## **ADVANCED TECHNICAL DRAFTING**

Grades: 10-12  
Prerequisite: Basic Technical Drafting II  
Fee: \$25 per semester

Advanced Technical Drafting (ATD) is a follow-up to the basic technical drafting course. This advanced course focuses on a graphic language used to convey necessary and specific information that expresses and records ideas for those who produce, use, and service products. Emphasis is placed on the use of Computer Aided Drafting and Design (CADD), SolidWorksTM, in the preparation of detailed drawings, including surface development, intersection, graphic charts and graphs, diagrams, threads, mapping, descriptive geometry, auxiliary views and revolutions. Students will explore specialized areas where drafting is an essential skill, as in pipe, architectural, aero-space, computer, welding, and structural drafting. Instruction and class work is toward a design project either group or individual. The project results in a model or working object. This course reinforces science, mathematics, and communication skills. Students will collaborate with a 'Principles of Marketing' Team to develop a product and present a prototype at the 'Trade Show' each semester. ATD prepares students for Industry Based Certification in drafting or SolidWorksTM. This course along with participation in Mechanical Technical Student Association (MTSA) technical and leadership activities enhance skills essential for students interested in technical or engineering career fields.

## **ARCHITECTURAL DRAFTING II**

Grades: 11-12  
Prerequisite: Architectural Drafting I and teacher recommendation  
Fee: \$25 per semester

This course is a follow-up to the Architectural Drafting I and with focus on the student wishing to pursue a career in architecture. This advanced course focuses on advanced design concepts with application to public and commercial design and construction (alternate structures can be for approval by the instructor). Emphasis is placed on the use of Computer Aided Drafting and Design (CADD) using ArchiCADTM in the preparation of detailed drawings including; foundation, plan, floor plan, elevation, plumbing, electrical, HVAC and site views used to convey necessary and specific information that expresses and records ideas for those who produce, use, and these products. Instruction and class work are directed toward an individual or group design project where the student prepares a set of working drawings and an architectural model. Work-based learning strategies appropriate for this course are field trips, job shadowing, and internships. This course reinforces science, mathematics, and communication skills. This course and Mechanical Technical Student Association (MTSA) technical and leadership activities enhance skills essential for students interested in technical and engineering career fields.

## **ADVANCED ARCHITECTURAL DRAFTING**

Grades: 11-12  
Prerequisite: Architectural Drafting II and teacher recommendation  
Fee: \$25 per semester

This course is a follow-up to the Architectural Drafting II and with focus on the student wishing to pursue a career in architecture. This advanced course offers the student the opportunity to select the project in an area of their interest for the year (approval by the instructor). Emphasis is placed on the use of Computer Aided Drafting and Design (CADD) using ArchiCADTM in the preparation of detailed drawings including; foundation, plan, floor plan, elevation, plumbing, electrical, HVAC and site views used to convey necessary and specific information that expresses and records ideas for those who produce, use, and these products. Instruction and class work is toward an individual or group design project where the student prepares a set of working drawings and an architectural model. Work-based learning strategies appropriate for this course are field trips, job shadowing, and internships. This course reinforces science, mathematics, and communication skills. This course and Mechanical Technical Student Association (MTSA) technical and leadership activities enhance skills essential for students interested in technical and engineering career fields.

## **TECHNICAL EDUCATION ELECTIVE I & II**

Grades: 11-12  
Prerequisite: Architectural Drafting I and teacher recommendation  
Fee: \$25 per semester

This course is a follow-up to the Advanced Technical Drafting with focus on the student wishing to pursue a career in Mechanical Engineering. This advanced course focuses on advanced design concepts with application to mechanical assemblies. Emphasis is placed on the use of Computer Aided Drafting and Design (CADD) in the preparation of detailed drawings using SolidWorksTM. Instruction and class work is toward an individual or group design project where the student prepares a set of working drawings and a model or an actual device. Work-based learning strategies appropriate for this course are field trips, job shadowing, and internships. This course reinforces science, mathematics, and communication skills. This course and Mechanical Technical Student Association (MTSA) technical and leadership activities enhance skills essential for students interested in technical and engineering career fields.

## **SPEECH**

### **INTRODUCTION TO PUBLIC SPEAKING (SPEECH I)**

Grades: 9-12  
Fee: \$5

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)**

Grades: 10-12  
Fee: \$5

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.

## **RADIO BROADCASTING**

### **RADIO BROADCASTING I**

Grades: 9-11

This class covers the evolution of radio from how it began to how it is today. Pronunciation and enunciation skills, as well as the FCC rules and regulations, are also covered.

### **RADIO BROADCASTING II**

Grades: 10-12  
Prerequisite: Radio Broadcasting I and teacher recommendation

Basic operation of radio stations KBRH and WBRH, announcing skills, including on-air performance. Course includes the business of radio and public relations. Out of class time participation is required.

### **RADIO BROADCASTING III**

Grades: 11-12  
Prerequisite: Radio Broadcasting II and teacher recommendation

Enhanced station operation is taught, including production and computer skills. Out of class time participation is required.

### **RADIO BROADCASTING III (SECOND YEAR)**

Grade: 12  
Prerequisite: Radio Broadcasting I, II and III and teacher recommendation

This course includes programming operation and community involvement. Out of class time participation is required. This class will count as a credit and will be included in your GPA as long you do not take any other course that the state equates to a general elective during the year you take this course.

## **MULTIMEDIA**

### **MEDIA ARTS I (INTRODUCTION TO MASS MEDIA)**

Recommended Grade Level: 9-12  
Fee: \$5

This elective course surveys the history and importance of television, movies, and the Internet. Students learn to be critical consumers of these media and learn basic writing, performance, and production principles. An introduction to the principles of video and film production is part of the course. Students will create individual and group projects to apply these principles.

## **MEDIA ARTS II (BROADCAST JOURNALISM)**

Grades: 10-12

Prerequisite: Media Arts I or a previous course in speech, drama, or choral music

This elective is a laboratory course in television news and documentary production. Students will research, write, produce, and edit school newscasts and documentaries. Student work will be displayed on Campus Currents Online (school newspaper) and the BRHS Web site. Some out-of-class time is required. Production of the school's morning announcements will be part of the curriculum.

## **MEDIA ARTS III (AMERICAN CINEMA I)**

Grades: 10-12

Prerequisite: One year of media arts, drama or choral music plus consent of the instructor

This elective course is a continuation of Media Arts II with the addition of individual creative projects in collaboration with the instructor and outside mentors. Students will be required to participate in the production of a class movie or other project. Out of class time will be required.

## **MEDIA ARTS IV (AMERICAN CINEMA II)**

Grades: 11-12

Prerequisite: Broadcast Journalism, American Cinema I or consent of the instructor

This course focuses on the historical and theatrical aspects of movies in America. Students will research, view, discuss and critique at least 12 important American movies. Emphasis will be on the technical, performance, writing, historical and sociological aspects of these movies.

## **ROBOTICS**

### **ROBOTICS BEGINNER**

Grades: 9-10

Prerequisite: Successful completion of Algebra 1 and completion or current enrollment in Geometry and Physical Science  
Fee: \$40

This is a full year introduction to robotics and the robotics programming language easy C. During this course, students will build and program a base robot and then use it to conduct experiments demonstrating knowledge in physics and mechanics. Specific topics covered will include drive chain construction, robot systems design, conditional statements, loops, newton's laws, gear ratios, and torque. Students will be required to participate in at least one VEX Robotics competition in New Orleans. This course is designed for the student that has previous robotics experience and wishes to continue to study robotics.

### **ROBOTICS INTERMEDIATE**

Grades 10-12

Prerequisite: Successful completion Robotics 1 at BRMHS and teacher recommendation  
Fee: \$40

This is a continuation of Robotics I. During this course, students will build and program a base robot and then use it to conduct experiments demonstrating knowledge in physics and mechanics. Specific topics covered will include drive chain construction, robot systems design, conditional statements, loops, newton's laws, gear ratios, and torque. Students will be required to participate in at least one VEX Robotics competition in New Orleans

## **VISUAL AND PERFORMING ARTS**

### **ART I**

Grade: 9<sup>th</sup> grade only

Fee: \$35 per semester

This course covers the following topics: Studio Production, critical analysis, aesthetic awareness, basic art history. Students are encouraged to develop their own ideas while learning the elements and principles of visual design. Students are also taught the foundations in drawing, painting, sculpture, graphics, ceramics, and

printmaking. The curriculum of this course focuses on integrating art into the content areas: English, science, math, and social studies. This course is a prerequisite for all other Studio courses.

### **ART II**

Grades: 10-12

Prerequisite: Art I or teacher approval

Fee: \$35 per semester

This course places emphasis on developing concepts in art making and problem solving. Students will also continue developing skills in drawing, painting and three-dimensional design covered in Art I, with critical and aesthetic analysis of contemporary artists. Transfer students must submit a portfolio.

### **ART III**

Grades: 11-12

Prerequisite: Art I and II at the high school level, and teacher approval

Fee: \$35 per semester

This is an intermediate level of visual arts which concentrates on a variety of painting media as well as mixed media and 3-D forms and graphic arts. In This course also examines the history of painting, critical and aesthetic concepts. Transfer students must submit portfolio.

### **ART IV**

Grades: 11-12

Prerequisite: Art I and II and III at the high school level, general portfolio and teacher approval

Fee: \$35 per semester

This is an advanced level course which addresses problems that can occur in the studio. Emphasis is placed on form and content, and Students 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.

### **AP ART HISTORY**

Grades: 11-12

Fee: \$15

The AP Art History course will engage students in understanding works of art in relation to their method of production, the materials used and the time and culture in which they were produced. Students will examine and critically analyze major forms of artistic expression from the past to the present from a variety of cultures. AP Art History offers the same level of knowledge and instruction as an introductory college art history survey. Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam.

### **FINE ARTS SURVEY**

Grade: 12

Fee: \$15

This course is for seniors only who have not fulfilled the Fine Arts Survey requirement for TOPS. This is a course designed to give "non-art" students an introduction to the arts of the western civilization. This course is a look at the historical progress of art from prehistoric to modern day. Some hands-on projects are included. If you have your art credit, you are not allowed to take this course.

### **TALENTED ART I**

Prerequisite: current talented evaluation required

Fee: \$50

This course is based on studying observational methods and an introduction to various 2-D and 3-D media. Students will develop a portfolio for 2-D and 3-D art throughout the year. Critical, historical, and aesthetic thinking will be covered through hands-on activities.

### **TALENTED ART II**

Prerequisite: Talented Art I and current talented evaluation required

Fee: \$50

This course stresses the continuation of building observational and creative artistic skills. Students will begin to explore the communicative and conceptual

aspects of art making. More complex projects involving a collaboration of artistic techniques will be stressed throughout the year. Students are expected to create a portfolio by the end of the year.

### **TALENTED ART III**

Prerequisite: Talented Art II and current talented evaluation required

Fee: \$50

In this course students continue to emphasize observation, but they should begin developing a style that best expresses ideas and concepts. Students will begin to develop a portfolio which displays strong observational and perceptual skills as well as good knowledge and use of different types of media and / or approaches toward creating successful art works. In this year, if a student plans to attend an art institute or to major in art at the college level, he or she must begin a body of work that suits portfolio requirements given by these institutions. This work will continue into the senior year in preparation for submitting into art institutions, universities, and colleges. Students should keep in mind that most reputable art schools want to view 20 - 24 art works for portfolio submission.

### **TALENTED ART IV**

Prerequisite: Talented Art IV and current talented evaluation required

Fee: \$50.00

Students should be reinforcing their observational skills, advancing their creative abilities. Strong emphasis on visual communication and developing strong concepts will be important. Art theory will be explored throughout the year. Thematic bodies of work will be introduced. Exploration of studying 2-D and 3-D media will continue in this course. Students will develop a portfolio throughout the year and tailor it to the requirements for possible admission into Art College (if applicable.)

## **INSTRUMENTAL MUSIC**

### **ADVANCED BAND (SYMPHONIC BAND)**

Grades: 9-10

Prerequisite: Two or more years of previous study is recommended and teacher approval

Fee: \$10 (Additional \$20 fee per semester for school owned instruments).

This course will cover all music fundamentals, instrumental techniques, and literature from the advanced 9th grade level.

### **AP MUSIC THEORY**

Grades: 11-12

Prerequisite: 2 years music at BRHS and teacher approval

Fee: \$30

Students who take this class are required to take the AP exam.

The primary objective of this course is the development of aural skills. Throughout the course, students will have to listen to musical works attentively and analytically, develop their musical memory and their ability to articulate responses to formal, stylistic, and aesthetic qualities of works.

### **WIND ENSEMBLE (ADVANCED SYMPHONIC BAND)**

Grades: 11-12

Prerequisite: Teacher approval and four or more years of previous study, up to the 11th grade level; private study for mature sounds and techniques is suggested  
Fee: \$10 (Additional \$20 fee per semester for school owned instruments).

This class will perform a variety of the best band literature as the "Wind Ensemble", and will also serve as the wind section for full orchestra.

### **INTERMEDIATE ORCHESTRA**

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 9<sup>th</sup> 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.

### **ADVANCED ORCHESTRA**

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, tonation, and tone quality.

### **JAZZ ENSEMBLE**

Grades: 10-12

Prerequisite: Teacher approval and at least three or more years of musical experience

Fee: \$10 (Additional \$20 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**

Grades: 11-12

Prerequisite: Teacher approval and at least three or more years of musical experience

Fee: \$10 (Additional \$20 fee per semester for school owned instruments).

This course will focus on small group Jazz improvisation and recording techniques.

### **STUDIO PIANO I**

Grades: 9-12

Fee: \$40

This course is designed for the student who has had no previous instruction. The student receives individual and class instruction in keyboard skills as well as elementary music theory and history. One year of class instruction is the approximate equivalent of one-half year of private lessons. Regular practice outside of class is required.

### **STUDIO PIANO II (INTERMEDIATE)**

Grades: 9-12

Prerequisite: Studio Piano I or has studied piano for one and one-half years and teacher approval (audition only)

Fee: \$40

In addition to keyboard instruction, the course will include intermediate music theory and history. Students will not be required to perform in piano department recitals. Regular practice outside of class is required.

### **STUDIO PIANO III**

Grades: 9-12

Prerequisite: Studio Piano II or has studied piano for at least two years and teacher approval (audition only)

Fee: \$40

Each student will receive a great deal of individual instruction, and the course will include the continued study of music theory and history. Students will be required to perform in piano department recitals, and additional performance opportunities in the community, will be provided. Regular practice outside of class is required.

### **STUDIO PIANO IV/APP. CHAMBER MUSIC**

Grades: 9-12

Prerequisite: Teacher approval (audition only)

Fee: \$40

Intended for serious high school music students thinking of majoring or minoring in music, this course is directed toward developing competencies and understandings

that will contribute to the goal of becoming a better pianist/violinist/cellist, teacher and musician. Open to advanced string players, piano students who have completed Studio Piano III and/or Studio Piano IV or exhibit exceptional talent. Also open to advanced wind players.

### **STUDIO PIANO V**

Grades: 9-12

Prerequisite: Teacher approval (audition only)

Fee: \$40

Intended for serious high school music students thinking of majoring or minoring in Music, this course is directed toward developing competencies and understandings that will contribute to the goal of becoming a better pianist/violinist/cellist, teacher or musician. Open to advanced string players, piano students who have completed Studio Piano IV or exhibit exceptional talent.

### **TALENTED MUSIC I**

Prerequisite: Current talented evaluation required

Fee: \$40

Voice	Piano
Strings	Band

### **TALENTED MUSIC II**

Prerequisite: Talented Music I and current talented evaluation required

Fee: \$40

Voice	Piano
Strings	Band

### **TALENTED MUSIC III**

Prerequisite: Talented Music II and current talented evaluation required

Fee: \$40

Voice	Piano
Strings	Band

### **TALENTED MUSIC IV**

Prerequisite: Talented Music III and current talented evaluation required

Fee: \$40

Voice	Piano
Strings	Band

**\*Students enrolled in Talented Music I-IV will be instructed and graded by both a Talented and Regular Music Teacher**

### **VOCAL MUSIC**

**\*STUDENTS ENROLLED IN VOCAL MUSIC ARE REQUIRED TO PARTICIPATE IN AFTER SCHOOL REHEARSALS AND PERFORMANCES AS PART OF THEIR GRADE.**

### **BEGINNING CHOIR**

Grades: 9-12

Prerequisite: Desire to work, learn, match pitch, discipline, to become a lover of music

Fee: \$50 (to be paid first week of school)

Introduction to Choral Studies is designed for students that do possess the desire to work and learn about the singing voice at the highest level but do not possess the knowledge, experience, and science of valued choral singing. Emphasis at a less stressful pace will be placed on rudiments and fundamentals of: 1) vocal audition preparation, 2) Vocal tone 3) Vocal Breathing, 4) Vocal Projection 5) Ensemble / Solo singing, 6) Relaxation 7) Sight Singing 8) Sol Fege and hand signs 9) Music History 10) Listening exercises 11) Increasing vocal ranges 12) Key Signatures 13) Italian Terminology 14) Rhythmic Drills 15) Introduction to Hand bells and Choir chimes 16) Musicianship 17) tuning / intonation Weekly / Daily exams, individual vocalization, vocal juries can be expected.

### **INTERMEDIATE CHOIR (GIRLS CHORUS)**

Grades: 9-12

Prerequisite: Audition

Fee: \$165 (to be paid first week of school)

Performance Venues: Include Religious Structures

The Intermediate Ladies Chorus, the Petite Choir de Filles, is principally designed for students entering BRMHS with musical skills. Solid choral experience is necessary but not the more intense knowledge and rigorous experience of the mature, advanced ensembles at BRMHS. Strong emphasis is placed on listening, music theory, sight singing, and musicianship. This course is performance-based. MANDATORY PARTICIPATION 1) LMEA ALL STATE HONOR CHOIR & ACDA ALL DISTRICT HONOR CHOIR 2) LOUISIANA MUSIC EDUCATORS' DISTRICT SOLO/ENSEMBLE FESTIVAL 3) LMEA DISTRICT CHORAL FESTIVAL. Performances given in St Joseph Cathedral and First Baptist Church. Weekly / Daily exams and vocal juries can be expected.

Theory knowledge (rudiments and fundamentals) includes: 1) music history, 2) all major/minor key signatures and their scales, 3) sol fege and extensive sight singing, 4) chromatic and whole tone scales to be sung on letter names and solfege, 5) single and two part rhythmic drills, 6) Italian music terminology (dynamics, tempo, and style), 7) names of notes treble/bass cleft including two ledger lines above and below and naming speed requirements. Will, determination, dedication, passion, choral experience, commitment, and above all a love of music at the highest level are required for the successful matriculation in this course.

### **SMALL VOCAL ENSEMBLE (GLEECIANS-ADVANCED MALE CHORUS)**

Grades: 11-12

Prerequisites: 1) 3.0 GPA core subjects, 2) faculty recommendation, 3) written diagnostic theory exam, 4) vocal audition 5) Tuxedo

FEE: \$175 (comprehensive for fall and spring term). (Excludes LMEA State Choral Festival fees due to variability). (to be paid first week of school)

Performance Venues: Include Religious Structures

This course (choral ensemble) is designed strictly for male choristers seriously interested in musical and choral performance at the highest rehearsal and performance level. Strong pedagogical emphasis is placed on the training and development of the male voice in the choral setting. This choir sings tenor / bass choral literature spanning centuries, from chant to barbershop to contemporary. Strict emphasis is placed on each chorister and their thorough

understanding and knowledge of intermediate to advanced collegiate levels of (rudiments and fundamentals) 1) music theory, 2) ear training, 3) scales (major / minor 3 forms, whole tone, chromatic, octatonic), 4) modes (all sung on scale letter names and sol fege), 5) keyboard knowledge (with some facility), 6) vocal tuning/intonation, 7) conducting (patterns of 2, 3, 4), 8) vocal tone, 9) sight singing, 10) part singing, 11) vocal blend, 12) melodic dictation, 13) rhythmic drills (including 2 part), 14) advanced choral techniques, 15) tuning/intonation. Private vocal/piano study is strongly encouraged with an approved instructor by the BRHS Choral Dept.

MANDATORY PARTICIPATION EVENTS: 1) THE LMEA ALL STATE HONOR CHOIR AND THE ACDA ALL DISTRICT HONOR CHOIR AUDITION HELD IN THE EARLY FALL TERM 2) The Christmas and spring choral concerts (two major performances presented annually by the department) 3) the LMEA District and State Choral Festivals/ Assessments in the spring term 4) LMEA Solo/Ensemble Assessment. 5) Nine (9) mandatory after school rehearsals for the year (dates and times posted on first day of school) will be required of each chorister. Choral events typically take place in St. Joseph Cathedral and First Baptist Church. Weekly / Daily exams and vocal juries can be expected.

A total of 24 male choristers (TTBB) on the Gleecians register will be the maximum number of musicians in this ensemble. With successful matriculation, many of these choristers go on to sing in fine collegiate choral programs with generous scholarship opportunities. Faculty recommendations are required upon vocal audition/meeting (usually held the first week in February).

### **SMALL VOCAL ENSEMBLE (CHORLARAIRES-ADVANCED FEMALE CHORUS)**

Grades: 11-12

Prerequisites: 1) 3.0 GPA core subjects, 2) faculty recommendation, 3) written diagnostic theory exam, 4) vocal audition 5) Concert Performance dress

FEE: \$175 (comprehensive for fall and spring term). (Excludes LMEA State Choral Festival fees due to variability). (to be paid first week of school)  
Performance Venues: Include Religious Structures

This course (choral ensemble) is designed strictly for female choristers seriously interested in musical and choral performance at the highest rehearsal and performance level. Strong pedagogical emphasis is placed on the training and development of the male voice in the choral setting. This choir sings soprano / alto choral literature spanning centuries, from chant to barbershop to contemporary. Strict emphasis is placed on each chorister and their thorough understanding and knowledge of intermediate to advanced collegiate levels of (rudiments and fundamentals) 1) music theory, 2) ear training, 3) scales (major / minor 3 forms, whole tone, chromatic, octatonic), 4) modes (all sung on scale letter names and sol fege), 5) keyboard knowledge (with some facility), 6) vocal tuning/intonation, 7) conducting (patterns of 2, 3, 4), 8) vocal tone, 9) sight singing, 10) part singing, 11) vocal blend, 12) melodic dictation, 13) rhythmic drills (including 2 part), 14) advanced choral techniques, 15) tuning/intonation. Private vocal/piano study is strongly encouraged with an approved instructor by the BRHS Choral Dept.

MANDATORY PARTICIPATION EVENTS: 1) THE LMEA ALL STATE HONOR CHOIR AND THE ACDA ALL DISTRICT HONOR CHOIR AUDITION HELD IN THE EARLY FALL TERM 2) The Christmas and spring choral concerts (two major performances presented annually by the department) 3) the LMEA District and State Choral Festivals/ Assessments in the spring term 4) LMEA Solo/Ensemble Assessment. 5) Nine (9) mandatory after school rehearsals for the year (dates and times posted on first day of school) will be required of each chorister. Choral events typically take place in St. Joseph Cathedral and First Baptist Church. Weekly / Daily exams and vocal juries can be expected.

A total of 24 female choristers (SSAA) on the Choralaires register will be the maximum number of musicians in this ensemble. With successful matriculation, many of these choristers go on to sing in fine collegiate choral programs with generous scholarship opportunities. Faculty recommendations are required upon vocal audition/meeting (usually held the first week in February).

### ADVANCED CHORUS (BRMS FESTIVAL SINGERS)

Grades: 11-12  
Prerequisite: Recommendation and appointment by Mr. Giroir (only)  
Fee: \$225 (joint fee with Gleecians and Choralaries) (to be paid first week of school)  
Performance Venues: Include Religious Structures

This is the premier Vocal and Handbell ensemble of the department consisting of 4 sopranos, 6 altos, 4 tenors and 6 basses and these choristers are appointed by Mr. Giroir. THESE CHORISTERS MUST BE SIMULTANEOUSLY REGISTERED IN THE GLEECIANS or CHORALAIRES. This BRHS Choral Studies ensemble is designed and focused for the collegiate/professional bound chorister performing highly advanced choral literature. The Festival Singers routinely compete and perform at National Choral Festivals and perform International Choral Tours (self-generated funding) on alternating years. Private vocal study and thorough keyboard knowledge is a necessity. Much extracurricular time is demanded. Auditions and chorister appointments are the first week in February.

## DRAMA

### THEATRE I: INTRODUCTION TO THEATRE

Grades: 9-10  
Prerequisite: None  
Fee: \$40

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

Grades: 9-11  
Prerequisite: Theatre I and Teacher Approval **OR** Placement Exam and Audition  
Fee: \$40

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

Grades: 11-12  
Prerequisite: Theatre II and teacher approval  
Fee: \$40  
\* may be repeated for credit

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 also develop verbal and written skills in critical analysis through the study of and exposure to the arts. 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.

### THEATRE IV: PLAY PRODUCTION

Grades: 12  
Prerequisite: Theatre II, Theatre III and teacher approval  
Fee: \$60  
\* may be repeated for credit

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 will also investigate career opportunities in theatre arts. Students develop accountability, productivity, leadership, and collaboration skills. Students also develop verbal and written skills in critical analysis through the study of and exposure to the arts. 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.

### THEATRE IV: MUSICAL THEATRE

Grades: 10-12  
Prerequisite: Theatre I and an audition **OR** Placement exam and audition  
Fee: \$60  
\* may be repeated for credit

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.

### THEATRE IV: DIRECTING INTERNSHIP

Grades: 12  
Prerequisite: Theatre II, Theatre III and teacher approval  
Fee: \$40

Students develop skills in directing and producing by applying acquired knowledge and skills in performance technique, script analysis, and focused research. Students direct and/or assist instructor in directing scene recitals, one-acts, and/or full-length plays while developing skills in organization, self-direction, leadership, collaboration, and productivity. Students also develop verbal and written skills in critical analysis through the study of and exposure to the arts. Selected students will be scheduled concurrently in either Theatre III: Methods & Styles of Acting or Theatre IV: Play Production. No more than two directing students will be scheduled in each class. This class is open to seniors only. After school and/or evening rehearsals will be required in preparation for performances.

### TECHNICAL THEATRE

Grades: 10-12  
Prerequisite: Theatre I and teacher recommendation.  
Fee: \$40

This is an introductory course to stagecraft and technical theater with work in basic stage carpentry, lighting, special effects and scenery painting presented in the form of lectures, demonstrations, and skills labs. Students are required to crew shows after regular school hours.

### TALENTED THEATER I

Prerequisite: Current talented evaluation required.

### TALENTED THEATER II

Prerequisite: Current talented evaluation required and Talented Drama I.

### TALENTED THEATER III

Prerequisite: Current talented evaluation required and Talented Drama II.

### TALENTED THEATER IV

Prerequisite: Current talented evaluation required and Talented Drama III.

## HEALTH/PHYSICAL EDUCATION

### HEALTH (½ CREDIT)

Grade: 10

Health Education is a course 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.

\*\*\*\*\*  
NOTE: A student can earn only one physical education credit each year. All physical education classes will be involved in conducting state competencies (skills such as running, batting, throwing, jumping, etc.) throughout the school year. All physical education students are required to pay a \$10 activity fee.  
\*\*\*\*\*

### PHYSICAL EDUCATION I BLOCK

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 BLOCK (1/2 CREDIT)**

1 Semester paired with Health  
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.

**ELEVENTH GRADE PE BLOCK V&VI**

Grade: 11  
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.

**TWELFTH GRADE PE BLOCK VII&VIII**

Grade: 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.

**PHYSICAL EDUCATION I BALLET**

Grade: 9  
Fee: \$15

This is an introductory course designed for the beginning dance student, with training in classical ballet and modern dance.

**PHYSICAL EDUCATION II BALLET**

Grade: 10  
Prerequisite: Teacher approval  
Fee: \$15

This course is a continuation of the basic techniques of dance with concentration in classical ballet, modern dance and basics of performance.

**DANCE III**

Grade: 11  
Prerequisite: Teacher approval  
Fee: \$20

This is an intermediate dance class which includes classical ballet, jazz and modern dance.

**DANCE IV**

Grade: 12  
Prerequisite: Teacher approval  
Fee: \$20

This course involves an intensive study of dance at an intermediate-advanced level. Performance opportunities are offered during the year.

**DANCE V**

Grade: 12  
Prerequisite: Teacher approval  
Fee: \$20

(BRMHS Dance Theatre -- the performing dance company for BRMHS. A workshop for student choreography and rehearsal of pieces in the repertoire are included in this advanced level.

**PHYSICAL EDUCATION I TENNIS**

Grade: 9  
Fee: \$10  
The major emphasis of this course is to teach the basic techniques of serving, volleying, ground strokes and scoring.

**PHYSICAL EDUCATION II TENNIS**

Grade: 10  
Prerequisite: Tennis I, Teacher Approval  
Fee: \$10

The major emphasis of this course is to teach basic tennis strategy including techniques in fundamentals, and how to play the game in singles and doubles competition. Prior skills are required.

**TENNIS III**

Grade: 11-12  
Prerequisite: Teacher approval  
Fee: \$10

The major emphasis of this course is to teach advanced tennis strategy and conditioning for tennis competition.

**TRACK AND FIELD**

Grade: 11-12  
Prerequisite: Teacher approval for 11 – 12  
Fee: \$25

This course teaches basic track and field rules, techniques and skills. Cross country training, track skills and field skills are included. There is emphasis on rigorous competitive training and time is required outside of class. Students will participate in Cross Country training and Track and Field skills.

**PHYSICAL EDUCATION I GOLF**

Grade: 9  
Fee: \$10 (locker fee and monthly BREC pass must be purchased for \$15 per month)

This course teaches basic techniques involving putting, short irons, long irons, and woods.

**PHYSICAL EDUCATION II GOLF**

Grade: 10-12  
Prerequisite: Golf I and Teacher approval / signature  
Fee: \$10 (locker fee and monthly BREC pass must be purchased for \$15 per month)

This course teaches basic techniques and basic game strategies.

**GOLF III**

Grade: 11-12  
Prerequisite: Teacher approval/signature  
Fee: \$10  
(Locker fee and monthly BREC pass must be purchased for \$15 per month)

This course teaches competitive techniques and game strategies.

**PHYSICAL EDUCATION I GYMNASTICS**

Grade: 9  
Fee: \$10

This course is a study of gymnastics, including aspects of history, judge evaluation, etc., and an introduction to the modern Olympic System of Gymnastics.

**PHYSICAL EDUCATION II GYMNASTICS**

Grades: 10-12  
Prerequisite: Gymnastics I  
Fee: \$10

This course is an advanced study of gymnastics, including training methods and routine composition.

**GYMNASTICS III**

Prerequisite: Teacher approval  
Fee: \$10

This course places emphasis on the individual, and the development of competitive skills.

**PHYSICAL EDUCATION I SWIMMING**

Grade: 9  
Fee: \$10

This course is designed strictly for beginners. All basic strokes are taught. This is an excellent way to become fit and enjoy a great water sport. This is a great class for persons fearful of water. Proper swimwear and goggles are required.

**PHYSICAL EDUCATION II SWIMMING**

Prerequisite: Teacher approval  
Fee: \$10

This course is designed strictly for advanced beginners. All basic strokes are taught. Emphasis is placed on four competitive strokes. Students who enroll in this class should be able to swim freestyle and backstroke. This is an excellent aerobic activity. Proper swimwear and goggles are required.

**AQUATICS III**

Prerequisite: Teacher approval  
Fee: \$10

This class is best described as "swim and stay fit." Students should be able to swim two laps of the pool without stopping. This class is designed for highly motivated and disciplined swimmers.

**AQUATICS IV**

Prerequisite: Teacher approval  
Fee: \$10

This is a competitive swimming course. Emphasis is placed on skills, knowledge, training and techniques for swimming competition.

**SOCCER BLOCK**

Grades: 11-12  
Prerequisite: Teacher approval  
Fee: \$10

This course is centered on playing soccer in a competitive environment. Advanced fundamental individual skills are stressed, as well as team strategy, and individual fitness for the pre-season.

**WEIGHT LIFTING AND FITNESS**

Grades: 9-12  
Prerequisite: Completion of required physical education courses  
Fee: \$10 per semester

This course is designed to give students the opportunity to learn weight training concepts, techniques, and safety used for obtaining personal physical fitness. Students will benefit from weight training and cardio respiratory endurance activities. Students will learn the basic fundamentals of strength/weight training and overall fitness/conditioning training. Course includes both lecture and activity lessons. Students will be empowered to develop healthy behaviors in fitness, wellness, and lifetime activity. This course cannot be taken in place of the required PE courses.

**JR ROTC I**  
**JR ROTC II**  
**JR ROTC III**  
**JR ROTC IV**

The Army Junior Reserve Officer Training Corps (JROTC) is a program offered to high schools that teaches students character education, student 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.

