

# Baton Rouge Magnet High School

## Schedule Information, Courses of Study Graduation Requirements

2017-2018

### BATON ROUGE MAGNET HIGH

Main Office	225-383-0520
Fax Number	225-344-7413
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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, Assistant 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 REQUIREMENTS RESTS WITH THE STUDENT AND PARENTS.**

### MINIMUM REQUIREMENTS FOR HIGH SCHOOL GRADUATION

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

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

English 4 Units  
Shall be English I, II, III, and English IV

Mathematics 4 Units  
Shall be Algebra I (1 unit) or Algebra I-Pt. 2, Geometry, Algebra II. The remaining unit shall come from the following: Financial Math, Advanced Math I, Advanced Math II, Pre-Calculus, Calculus, Probability and Statistics, Discrete Math, or a locally-initiated elective approved by BESE as a math substitute.

Science 4 Units  
Shall be Biology and Chemistry  
The remaining units shall come from the following: Physical Science, Integrated Science, Physics I, Physics of Technology I, Aerospace Science, Biology II, Chemistry II, Earth Science, Environmental Science, Physics II, Physics of Technology II, Agriculture II, Anatomy and Physiology, or a locally initiated elective approved by BESE as a science substitute.

Social Studies 4 units  
Shall be Civics or AP American Government, and American History; one unit from the following: World History, World Geography, Western Civilization, or AP European History; one unit from the following: World History, World Geography, Western Civilization, AP European History, Law Studies, Psychology, Sociology, or African American Studies

Health Education ½ unit  
JROTC I and II may be used to meet the Health Education requirement provided the requirements in Section 2347 of Bulletin 741 are met

Physical Education 1 ½ units  
Shall be Physical Education I and Physical Education II, or Adapted Physical Education for eligible special education students. A maximum of four units of Physical

Education may be used toward graduation. The substitution of JROTC is permissible.

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

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

Electives 3 units

TOTAL 24 units

Note: Baton Rouge Magnet High School students must complete the Louisiana Core 4 Curriculum. Media Arts Counts as an Art for Graduation but not TOPS (Class of 2018 forward).

### 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.

### TOPS CORE CURRICULUM FOR THE OPPORTUNITY, PERFORMANCE AND HONORS AWARDS FOR STUDENTS GRADUATING 2018 AND THEREAFTER

#### ENGLISH = 4 Units

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

#### MATH = 4 Units

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

## SCIENCE = 4 Units

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

## SOCIAL STUDIES = 4 Units

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

## FOREIGN LANGUAGE = 2 Units

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

## ART = 1 Unit

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

## TOTAL = 19 Units

**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.

## 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.

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. Mastery or Advanced in required subject area on LEAP, PARCC, 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	990035
ACT PREP/ PE	990036
ACT PREP/ PRINCIPLES OF BUSINESS	990070
Grade:	11-12
Fee:	\$5
Note:	This is a 1 semester course that must be combined with PE or Health.

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 II AND ENGLISH III.**

## ENGLISH I

100100

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.

## ENGLISH I HONORS

102100

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, and demands a stronger work ethic than regular English I.

## ENGLISH II

100200

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

102200

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 and to cover 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

100300

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

101500

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. Students who take this class are required to take the 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** 125041  
Grade: 11-12  
Prerequisites: Students must have a recommendation and a grade of A the English II teacher.  
Fee: \$20

Students will investigate real-world issues from multiple perspectives in order to develop credible and valid evidence based arguments. Students who earn a score of 3 or higher in AP Seminar, AP Research, and 4 other AP courses of their choice will receive the AP Capstone Diploma.

**ENGLISH IV** 100400  
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.

**AP ENGLISH LITERATURE AND COMPOSITION** 101400

Grade: 12  
Prerequisites: Students must have a recommendation and a grade of A or B from the English III teacher.

This course is designed to be an honors British and world literature class combined with a strong preparation for the Literature and Composition AP exam. Students who take this class are required to take the AP exam. This course includes an in-depth survey of major British and world writers, a comprehensive literary research paper, and extensive writing in the four modes of discourse, as well as reading and writing assignments specifically designed to prepare students for the AP test and college admissions.

**CREATIVE WRITING** 130300  
Grades: 11-12

This course is a writing workshop that focuses primarily on writing short memoirs, short stories, and poetry. Students will be required to analyze the works of published authors, produce multiple drafts of their own work, and workshop the pieces of other students with the goal of creating publishable pieces. This course is an ELECTIVE and does not meet the requirements for English III or IV.

**PUBLICATIONS I (YEARBOOK)** 151700

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)** 151800

Grade: 12  
Prerequisite: Successful completion of Publications I, teacher recommendation  
Student must meet the same requirements as Publications I.

**JOURNALISM I (NEWSPAPER)** 175000

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

**JOURNALISM II (NEWSPAPER)** 176000  
Grades: 11-12  
Prerequisite: Teacher approval  
The intent of this course is to publish the print edition and online edition of the school newspaper. Coursework includes writing, photography, layout, webmastering, public relations and advertising sales. An afterschool commitment is required.

**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** 302000  
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** 310000

Grades: 9-10  
Prerequisite: Successful completion of Algebra I  
Fee: \$5

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** 310100

Grade: 9--10  
Prerequisites: Successful completion of Algebra I and honors requirements  
Fee: \$5

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** 312000

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** 321200

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** 331700

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** 332200

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** 333000

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** 332600

Grades: 12  
Prerequisite: Calculus  
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), cryptology (encryption and decryption of messages). Students will experience hands-on mathematical modeling with an engineer from ExxonMobil.

**MULTIDIMENSIONAL CALCULUS 3- HONORS** 331730

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** **332450**  
Grades: 12  
Prerequisite: Successful completion of Advanced Math  
Fee: \$30  
Students who take this class are required to take the AP exam.

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** **333200**  
Grades: 11-12  
Prerequisite: Successful completion of Advanced Math Honors with a grade of B or above teacher recommendation  
Fee: \$30  
Students who take this class are required to take the AP exam.

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** **333300**  
Grades: 11-12  
Prerequisite: Completion of AP Calculus AB and teacher recommendation  
Fee: \$30  
Students who take this class are required to take the AP exam.

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.

## SCIENCE

**PHYSICAL SCIENCE** **404000**  
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** **411000**  
Grade: 9-10  
Prerequisites: Physical Science or 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** **411400**  
Grade: 9-10  
Prerequisites: Physical Science or 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** **413000**  
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** **411200**  
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.  
Students who take this class are required to take the AP exam.

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** **411300**  
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** **457000**  
Grades: 10-12  
Prerequisites: Biology I and Physical Science or Chemistry I  
Fee: \$15

This course is designed to explore 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** **457100**  
Grades: 11-12  
Prerequisites: Biology I, Chemistry I, and teacher recommendation  
Fee: \$20  
Students who take this class are required to take the AP exam.

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** **421000**  
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** **421100**  
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** **421200**  
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  
Students who take this class are required to take the AP exam.

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** **421300**  
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** **431000**  
Grades: 11-12  
Prerequisites: Successful completion of Advanced Math I or concurrent enrollment, and teacher recommendation.  
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 (ALGEBRA-BASED)** **431280**  
Grades: 10-12  
Prerequisites: Successful completion of Honors Chemistry or concurrently enrolled, Algebra II, and teacher recommendation.  
Students who take this class are required to take the AP exam.  
Fee: \$20

This AP Physics 1 is an algebra-based, introductory college-level physics course for students who have a strong math skill and science interest. This course explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and simple circuits. Through inquiry-based learning, students will develop scientific thinking and reasoning skills. College credit is contingent upon scores on the AP exam given at the end of the year.

## AP PHYSICS C –

### 431250(MECHANICS) 431270 (E&M)

Grades: 11, 12

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

Fee: \$20

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

This Advanced Placement course is the equivalent of the first semester in calculus-based college physics for students majoring in the physical sciences or engineering. It includes all concepts recommended in the Mechanics section of the AP Physics course description including kinematics, laws of motion, work, energy, power, linear momentum, rotation, oscillations, and gravitation. The course includes theoretical studies, extensive problem solving, and in-depth lab investigations. College credit is contingent upon scores on the AP test given at the end of the year.

The Electricity and Magnetism, 431270 (Calculus based), will be offered to students who are interested in both Mechanics and E&M.

## AP PHYSICS 1& 2 (ALGEBRA-BASED) 431290

Grades: 10-12

Prerequisites: Successful completion of Algebra II, Advanced Math I, and teacher recommendation.

Fee: \$20

\*\* Special Course: Students who have strong math skills, science interest, and tend to major in STEM related field in college can take both AP Physics 1 and AP Physics 2 in one year.

AP Physics 2 is an algebra-based, introductory college-level physics course for students who have a strong math skill and science interest. This course explores topics such as 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 exam given at the end of the year.

## SOCIAL STUDIES

### WORLD GEOGRAPHY

212000

Grade: 9

Fee: \$10

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

### AP HUMAN GEOGRAPHY

211850

Grade: 9

Prerequisite: A in 8<sup>th</sup> Grade Social Studies

Fee: \$10

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

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

## AP GOVERNMENT AND POLITICS: UNITED STATES (FULL YEAR) 231300

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 990034

Grade: 10

Prerequisites: A or B in all other Social Studies and teacher recommendation.

Fee: \$10

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

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

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

### UNITED STATES HISTORY

221000

Grade: 11

Fee: \$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

221200

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) 990050

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

223200

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

221600

Grade: 12

Prerequisite: Recommendation from Social Studies teacher.

Fee: \$10

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

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

226100

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

243000

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

243100

Grades: 11-12

Prerequisite: Recommendation is required from current Social Studies teacher.

Fee: \$10

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

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****990060**

Grades: 11-12

Prerequisite: Recommendation is required from current Math or Social Studies teacher.

Fee: \$10

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

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****530755**

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

**CHINESE II HONORS****530765**

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****511000**

Fee: \$10

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

**FRENCH II****512000**

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****512010**

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****513200**

Prerequisite: teacher recommendation and an overall A or B average in French II

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****514450**

Prerequisite: teacher recommendation and an overall A or B average in French III (H)

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****514500**

Prerequisite: French III (H), teacher recommendation, and overall A average in French III (H), French IV (H) and/or French V (H)

Fee: \$26 (for reading materials, AP practice tests, and workbooks)

This is an advanced French language course. 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****515600**

Prerequisite: A average in French IV (H) or French (AP) and teacher recommendation

Fee: \$10 (for reading materials)

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****515700**

Prerequisite: French V (H) or French (AP) and teacher recommendation

Fee: \$10 (for reading materials)

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****521000**

Duration: 2 semesters (1 Credit)

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****522000**

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 AP****524500**

Prerequisite: A or B in German II

Fee: \$10

This course is a continuation of German II 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****541000**

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****542000**

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****543000**

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

Fee: \$45 (for supplemental materials)

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

**AP LATIN IV****544200**

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****544600**

Prerequisite: Latin IV AP, teacher recommendation, and an overall average of 90% in Latin IV AP

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.

**SPANISH I****561000**

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.

**SPANISH II****562000**

Prerequisite: Spanish I and BRMHS Fall diagnostic test (9<sup>th</sup> grade) 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 several tenses. Students begin to attempt sustained conversation and the reading of narratives.

**SPANISH II ADVANCED** 562010  
Prerequisite: Spanish I and BRMS Fall Diagnostic test (9<sup>th</sup> grade)  
Fee: \$20 (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.

**SPANISH III** 563000  
Prerequisite: 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** 563200  
Prerequisite: 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** 564000  
Prerequisite: Spanish III  
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** 565500  
Prerequisite: Spanish III with a 90% semester average, teacher recommendation  
Fee: \$60 (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** 565200  
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** 634000  
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** 635000  
Grades 11-12  
Prerequisite: Accounting I  
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** 633000  
Grades: 11-12  
Prerequisite: Successful completion of Accounting I and II

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 are also taught to compute basic tax returns and may offer this service to Baton Rouge High School students for a nominal fee. Students will be required to keep all the financial records for this tax preparation business.

**PRINCIPALS OF BUSINESS AND MARKETING/ HEALTH** 990011  
**PRINCIPLES OF BUSINESS AND MARKETING/ ACT PREP** 990070

Grade: 10-12  
Fee: \$10  
Principles of 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. 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 Junior Achievement's the Big Pitch in the fall semester by teaming up to envision a new product and how to market that product. Spring Semester will follow the same curriculum, but compete in a school wide trade show.

**INTERNSHIP TECH** 655305  
Grade: 12  
Fee: \$70

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

Prerequisite:  
1. Must be a senior.  
2. Must have completed or be enrolled in one course in your chosen field of postsecondary study. (For example: Accounting I if student is interested in accounting as a career; Computer Science I if interested in programming, etc.)  
3. Must be in good academic and code of conduct standing at the beginning and throughout the school year.  
4. Application for Internship class must be approved by Mrs. Lee, room 3148.

**CIW INTERNET BUSINESS** 650000  
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** 650100  
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** 334000  
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** 334150  
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** 335160  
Grades: 10-12

Prerequisite: Successful completion of Computer Science I and teacher recommendation  
Fee: \$5  
Students who take this class are required to take the AP exam.

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** 334800  
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 754500**

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 990014 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 990014 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 724000**

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 722600**

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 724500**

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 724550**

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 727700**

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) 185000**

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) 177200**

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 190200**

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 190800**

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** 190900  
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)** 190900

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)** 815610

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)** 815620

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)** 815630

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)** 815640

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 I** 723050

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 easyC. 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.

## VISUAL AND PERFORMING ARTS

**ART I** 811000

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** 812000

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** 813000

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** 814000

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.

**ART V** 895000

Grade: 12  
Prerequisite: Three full years of high school visual arts and concurrent enrollment in Art IV. The student must be enrolled in both Art IV and V. Application via portfolio and teacher approval  
Fee: \$30 per semester

See description for Art IV

**AP ART HISTORY** 810500

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.

**AP STUDIO ART: DRAWING** 811950

Grades: 11-12  
Prerequisite: Teacher Recommendation  
Fee: \$50 (\$25 per semester)

An accelerated art course and college level course addressing the conceptual and perceptual aspects of Drawing, painting, Printmaking and Two-Dimensional media uses. Lectures and demonstrations will accommodate the lesson plans. Students can achieve college credit upon passing AP Examination that involves twenty-four artworks (for digital submission) and five portfolio artworks that will be sent to AP Central in May.

**AP STUDIO ART: 2-D DESIGN** 811900

Grades: 11-12  
Prerequisite: Teacher Recommendation  
Fee: \$50 (\$25 per semester)

An accelerated Visual Arts course and college level course addressing the conceptual and formal aspects of all forms of two-dimensional art forms that include: Painting, Drawing, Graphic Design, Printmaking, Photography, Mixed Media/Collage and Digital Art. Emphasis on the Elements of Art: Line, Color, Shape, Space, Texture and Value as well as the Design Principles: Movement, Balance, Proportion, Rhythm and Repetition and Dominance. Lectures and demonstrations will accommodate the lesson plans. Students can achieve college credit upon passing AP examination that involves twenty-four artworks (for digital submission) and five portfolio artworks that will be sent to AP Central in May.

**FINE ARTS SURVEY** 889000

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** 896100

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** 896200

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** 896400

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 896500**  
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) 842210**  
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.

**MUSIC THEORY 831000**  
Grades: 11 – 12  
Prerequisite: 2 years music at BRHS and teacher approval

This course is for juniors and seniors with a deep interest in music. The course will explore fundamentals in rhythm, harmony, melody, composition and notation using FINALE music software. Also, students will explore recording industry technology via CUBASE software. Knowledge of computers and electronics as well as an understanding of the fundamentals of music are essential.

**AP MUSIC THEORY 830500**  
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) 821300**

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 840300**  
Grades: 9-10  
Prerequisite: Audition  
Fee: \$40 per semester lab fee (Additional \$25 fee per semester for school owned instruments).

The Intermediate Orchestra is a performing ensemble of 20 to 30 students. This orchestra will perform at a Grade III/IV level. Most rising 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 840400**  
Grades: 10-12  
Prerequisite: Audition and teacher recommendation  
Fee: \$40 per semester lab fee (Additional \$25 fee per semester for school owned instruments).

The Advanced Orchestra is a large performing ensemble. This orchestra performs music on a Grade V and Professional level. Students are expected to already be proficient in first and third positions, have a basic knowledge of other positions, and play with excellent intonation and tone quality. In addition to concert music, this group will continue the study of positions, keys, scales, vibrato, tonation, and tone quality.

**JAZZ ENSEMBLE 822200**  
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.

**STUDIO PIANO I 853800**  
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) 838000**  
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 853800**  
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 853900**  
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 854000**  
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 859000**  
Prerequisite: Current talented evaluation required  
Fee: \$40

Voice - 859010 Piano - 859020  
Strings - 859030 Band - 859040

**TALENTED MUSIC II 859200**  
Prerequisite: Talented Music I and current talented evaluation required  
Fee: \$40

Voice - 859210 Piano - 859220  
Strings - 859230 Band - 859240

**TALENTED MUSIC III 859300**  
Prerequisite: Talented Music II and current talented evaluation required  
Fee: \$40

Voice - 859310 Piano - 859320  
Strings - 859330 Band - 859340

**TALENTED MUSIC IV 859400**  
Prerequisite: Talented Music III and current talented evaluation required  
Fee: \$40

Voice - 859410 Piano - 859420  
Strings - 859430 Band - 859440

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

## VOCAL MUSIC

**BEGINNING CHOIR 825000**

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) 827100**

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 clef 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) 821700**

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 (CHORLAIRAIRES-ADVANCED FEMALE CHORUS) 821800**

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 (BRMHS FESTIVAL SINGERS) 826200**

Grades: 11-12

Prerequisite: Recommendation and appointment by Mr. Giroir (only)

Fee: \$225 (joint fee with Gleecians and Choralaires) (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 833100**

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 833200**

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 833300**

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 833400-1**

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 833400-2**

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 833400-3**

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 (STAGECRAFT) 833500-1**

Grades: 10-11  
 Prerequisite: Theatre I  
 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.

**THEATRE DESIGN AND TECHNOLOGY (STAGECRAFT II BLOCK) 833600-1**

Grade: 12  
 Prerequisite: Technical Theatre  
 Fee: \$40

This is a continuation of technical theater with an emphasis on the theory and practice of set design, color, and lighting with opportunities to design for plays. Students are required to crew a shows 20 hours of after school construction work.

**TALENTED DRAMA I 192600**

Prerequisite: Current talented evaluation required.

**TALENTED DRAMA II 192900**

Prerequisite: Current talented evaluation required and Talented Drama I.

**TALENTED DRAMA III 192800**

Prerequisite: Current talented evaluation required and Talented Drama II.

**TALENTED DRAMA IV 192200**

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.

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 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.  
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**NINTH GRADE PE BLOCK 990015**

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.

**TENTH GRADE PE BLOCK 990016**

Tenth Grade PE/Health Block ALPHABET (A-J)

**TENTH GRADE PE BLOCK 990017**

Tenth Grade Health/PE Block ALPHABET (K-Z)

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 990018**

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 990019**

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.

**BALLET I (DANCE I) 931200**

Grade: 9  
 Fee: \$15

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

**BALLET II (DANCE II) 931300**

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.

**BALLET III (DANCE III) 931130**

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

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

**BALLET IV (DANCE IV) 931140**

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.

**BALLET V (DANCE V) 931150**

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.

**TENNIS I 931200**

Grade: 9  
 Fee: \$10

The major emphasis of this course is to teach the basic techniques of serving, volleying, ground strokes and scoring.

**TENNIS II 931300**

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.

**TENNIS III 952030**

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 952600**

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.

**GOLF I 931200**

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.

**GOLF II 931300**

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 952430**

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.

**GYMNASTICS I 931200**

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.

**GYMNASTICS II 931300**

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

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

**GYMNASTICS III 952230**

Prerequisite: Teacher approval  
 Fee: \$10

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

**AQUATICS I (SWIMMING I) 931200**

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 eater sport. This is a great class for persons fearful of water. Proper swimwear and goggles are required.

**AQUATICS II (SWIMMING II)**                      **931300**  
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 (SWIMMING III)**                      **952330**  
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 (SWIMMING IV)**                      **952340**  
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**    **990020**  
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 preseason.

**WEIGHT LIFTING AND FITNESS**                      **950930**  
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**    **941000**  
**JR ROTC II**    **942000**  
**JR ROTC III**    **943000**  
**JR ROTC IV**    **944000**

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.

# BATON ROUGE MAGNET HIGH SCHOOL

## Scholastic Honor Policy

Baton Rouge Magnet High School offers a magnet curriculum that allows students to pursue academic and performing arts courses of a high degree of excellence. That excellence rests on the foundation of academic honesty necessary to foster high scholastic achievement.

In order to insure that the opportunity for excellence exists for every student, the following policy has been adopted by the faculty in regard to scholastic honesty.

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

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

(This list is meant to be illustrative only.)

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

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

(This, also, is meant to be an illustrative list.)

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

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

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# NOTES

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