## PROGRAM OF STUDIES

### MISSION STATEMENT

Matignon High School is an independent, Catholic, co-educational, high school committed to teaching and promoting Catholic morals and principles, academic excellence, respect for oneself and others, civic responsibility and service to others. Matignon High School is dedicated to motivating life-long learners to meet today’s challenges and to positively contribute to the future of the global community.

### CREDITS REQUIRED FOR GRADUATION

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Theology I</td>
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</tr>
<tr>
<td>English I</td>
<td>4</td>
</tr>
<tr>
<td>World History</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Biology</td>
<td>4</td>
</tr>
<tr>
<td>Foreign Language (French/Sp.)</td>
<td>4</td>
</tr>
<tr>
<td>Health/Physical Education</td>
<td>3</td>
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<tr>
<td>Computer Science</td>
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### COURSES RECOMMENDED BY FOUR YEAR COLLEGES*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>English II</td>
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<tr>
<td>Language</td>
<td>3</td>
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<tr>
<td>Mathematics</td>
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<tr>
<td>Science</td>
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<td>SAT Prep</td>
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<tr>
<td>Electives</td>
<td>5</td>
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</tbody>
</table>

*Depending on type of school and program of interest.

### GRADE 9 REQUIREMENTS

- Theology I
- English 1
- World History
- Mathematics
- Biology
- Foreign Language (French/Sp.)
- Health/Physical Education
- Computer Science

### GRADE 10 REQUIREMENTS

- Theology II
- English II
- Science
- Mathematics
- Foreign Language (French/Sp.)
- Introductory Art

### GRADE 10 ELECTIVES

- World History II
- Foreign Language (French/Sp.)
- Chemical / Physical Principles
- Chemistry
- 2 Maths: Geometry Honors and Algebra II Honors

### GRADE 11 REQUIREMENTS

- Theology III
- English III
- U.S. History
- Mathematics
- Science
- SAT Critical Reading
- SAT Math

### GRADE 12 REQUIREMENTS

- Theology IV
- English IV
- Mathematics

### ELECTIVES

- Trigonometry
- Pre-Calculus
- Calculus Honors
- Statistics Honors
- Advanced Placement Calculus
- Algebra II (All levels)
- College Preparatory Mathematics
- Psychology
- Advanced Placement Psychology
- Advanced Placement US History
- Advanced Placement World History
- Modern American History
- American Law & Government
- Contemporary Issues
- Advanced Placement English
- Chemistry
- Physics
- Advanced Placement Physics I
- Algebra-Based
- Anatomy / Physiology
- Advanced Placement Biology
- Advanced Placement French
- French (All levels)
- Advanced Placement Spanish
- Spanish (All levels)
- Accounting I
- Personal Finance
- Experiential Learning Seminar
- Studio Art
- Advanced Placement Studio Art Drawing
- Graphic Design
- Intermediate Art
- Senior Internship
- Music Appreciation
- Physical Education
- OnLine Courses (Virtual High School)

*Department approval required
**Semester courses

MATIGNON HIGH SCHOOL

Expect Excellence
PHILOSOPHY

Matignon High School is a Catholic, co-educational, college preparatory school, staffed by religious and lay teachers. Matignon’s administration, faculty and staff are committed to and charged with both the academic expertise demanded of an accredited secondary school and the unique challenges of a Catholic school: to teach Christian Doctrine, to form a faith community, and to inspire its students to serve all people. With these goals in mind, Matignon aims to provide experiences within a Christian community that will enable students to grow to their fullest capacity intellectually, spiritually, emotionally, physically, and socially. Such experiences will enable them to be responsive to the needs of others and to fulfill their personal, spiritual, moral, and civic responsibilities. Matignon offers its students the opportunity to work together according to Christian principles and within a structured program.

OBJECTIVES

ACCORDINGLY, THE OBJECTIVES OF MATIGNON HIGH SCHOOL ARE:

1. To assist in the development of the students’ religious beliefs by providing doctrinal instruction and opportunities for religious and liturgical experiences.
2. To provide a sound and basic framework of instruction which would encourage critical thinking, afford academic challenge and foster creativity.
3. To create an environment wherein Christian morals and social values provide for the development of the student’s self-worth and an awareness of others.
4. To develop a sense of belonging to a community which includes students, faculty, administration, staff, and family.

EXPERIENTIAL LEARNING

Matignon High School embraces experiential learning as an integral aspect of its academic curriculum and student programs. Our pedagogical mission is to provide our students with the skills necessary to thrive in a 21st century world that rewards critical thinking, innovation, and collaboration. Our vision of education at Matignon has three core components: 1) rigorous, interdisciplinary learning that is deep, active, and project-based, 2) rich experiential learning opportunities that provide real-world relevance, and 3) a focus on global citizenship through international immersion and solidarity programs.

PROGRAM OF STUDIES

The Program of Studies describes the course offerings at Matignon High School from which selections may be made to meet the particular need of each student. Each student must carry a program load of seven courses a year, totaling seven units per academic year. Individuals should base course selections on personal abilities, interests and aptitudes as well as requirements of a well-balanced, college preparatory education. Serious discussions with parents, teachers, and counselors are vital in this important decision-making process.

WE URGE ALL STUDENTS TO PURSUE A PROGRAM THAT IS AS DEMANDING AND CHALLENGING AS POSSIBLE IN ORDER TO:

1. develop their God-given talents to the fullest;
2. increase their chances for admission to college;
3. expand their options and potential for success in college and life.

Students who limit themselves to meeting only the basic requirements in a minimal fashion may reduce their chances for admission and will find the transition to college more difficult.

ALL COURSES ARE BASED ON A LEVEL SYSTEM. Students select the level of difficulty according to their achievement / ability and requirements in a given subject and are placed at the time of course registration if all prerequisites for entrance are met. The higher the level the more intellectually challenging the course.

LEVELS ARE DEFINED AS FOLLOWS:

- College Prep Level 2 = Standard;
- College Prep Level 1 = Average;
- College Prep Level Honors = Above Average;
- College Prep Level A.P. = Advanced Placement.

All students are required to enroll in 6 full year courses and 2 semester courses.

The ADVANCED PLACEMENT (AP) PROGRAM, sponsored by the College Entrance Examination Board (CEEB) since 1955, makes college level courses available in 11 different subjects. All advanced placement courses have been approved by the College Board 2020 course syllabi audit. It is required that students enrolled in A.P. courses take the exam in the spring. Students and parents will sign a contract requiring that a student participate in the advanced placement examination. Students who successfully complete the intensified course and the administered examination may receive college credits. Matignon High School strongly recommends a student enroll only in 3 advanced placement courses within the same academic school year.
THEOLOGY

CHRISTIAN SERVICE

The Theology Department & the Campus Ministry program at Matignon view learning as a process which integrates the development of intellectual, emotional, physical, social and spiritual dimensions of life. Teachers provide a sound and basic framework for instruction and academic challenge and help students by witnessing in their own lives models of faith in practice. The motto of Matignon High School is “Let us be Christbearers.” The school identifies with Christ who is in our midst as one who serves others. All Matignon students are required to complete their Christian service hours in a supervised setting as a requirement for graduation. Please see the student handbook for more details.

511 HEBREW SCRIPTURES – (COLLEGE PREP LEVEL 1) TWO SEMESTER COURSE
This course will introduce each student to the richness and variety of writings which comprise the Hebrew Scriptures. It also examines the relationship of the Israelites with God and compares this to the adolescent’s struggle in forming an identity and relationship with God. A general introduction will be given followed by a more detailed study of the Pentateuch and prophetic, wisdom, and historical writings. Time is given throughout the course to examine moral issues facing the student today. This course will also familiarize the student with the culture and heritage of Jesus.

522 NEW TESTAMENT – (COLLEGE PREP LEVEL 1) FIRST SEMESTER
This course provides an in-depth study of the 27 books of the New Testament and acquaints the students with the person of Jesus and the various aspects of His life and ministry. We will begin by looking at the four portraits of Jesus that are found in the four Gospels and trace the spread of the Gospel as told in Acts and the Pauline and Catholic Letters. We will explore themes related to human suffering, sharing in Christ’s mission, discipleship, service to others, and finding God in all things.

522 CHURCH HISTORY – (COLLEGE PREP LEVEL 1) SECOND SEMESTER
This course immediately follows the New Testament course and examines the events of the life of the Church as outlined in Acts and the Letters and into the present day. It places the Church within the context of history which will allow students to view the Church’s role as it has shifted throughout the centuries. This course is designed to expose students to the development of the Tradition and teachings of the Church and in relation to their own spiritual journey.

531 MORALITY – (COLLEGE LEVEL PREP 1) FIRST SEMESTER
This course begins by examining basic principles of logic and then explores the philosophical and theological foundations for morality, paying particular attention to the example of Jesus Christ. Next, students will study the role of virtue in the Christian life and consider how Natural Law and conscience affect moral decision-making. Throughout the course, students will look closely at key elements of the Christian moral life including freedom, responsibility, discernment, sin, and conversion. Finally, students will have the opportunity to apply the moral principles they have learned to real-life issues in medical ethics, business ethics, and environmental ethics, through a project-based learning experience.

531 SACRAMENTS – (COLLEGE PREP LEVEL 1) SECOND SEMESTER
In this class, students will develop a sacramental awareness of God’s presence in the world and in their lives. Furthermore, students will learn about the symbols, rituals, history, and theological significance of each of the seven sacraments of the Roman Catholic Church.

542 JUSTICE & PEACE – (COLLEGE PREP LEVEL 1) FIRST SEMESTER
This one semester course will examine the relationship between Christian faith and the search for justice and peace in our communities, nation and the world. Students will examine current issues such as homelessness, world hunger, racism, sexism, human rights, poverty and war. Students will discuss these topics in the context of Catholic social teaching and Biblical values. Various approaches / attempts to alleviate these problems will be considered.

542 WORLD RELIGIONS – (COLLEGE PREP LEVEL 1) SECOND SEMESTER
This course will introduce and expose students to the beliefs and practices of the world’s major religious traditions. Students will study elements of Judaism, Buddhism, Zen, Hinduism, Islam, Confucianism, Taoism, Sikhism, and other modern religious movements. Students will examine each religion from an historical and religious perspective paying particular attention to the primary religious texts while reflecting on the students’ own religious beliefs and traditions. In our modern world, it is becoming increasingly necessary to have a clear understanding of the beliefs of those around us. This course is designed to expand students’ awareness of the world’s religions and the beliefs in order to more fully comprehend the experience of people around the world.

Over 27 Athletic teams and
30 Extra-curricular clubs
ENGLISH

The Prentice Hall Literature Series is designed to appeal to all ability levels and is used throughout the English curriculum, with the exception of the Advanced Placement class which uses a college-level text. The series provides a literature-based language arts and humanities program and a process approach to writing. Throughout the English curriculum creative, critical thinking and writing skills are introduced, practiced or extended as students progress.

All classes are required to complete the reading of supplementary / independent literature, both in the summer and during the course of the year. Through the SAT program, preparation for the College Board Entrance Exams is an integral part of the curriculum. In addition, each level of English from 9-12 introduces or reviews, through SmartBoard technology, research paper skills and goals of non-print media.

FRESHMEN SEMINAR

During the first eight weeks of school, all freshmen will take a study skills seminar that will address issues such as assessment organization, time management, and note taking. In addition, students will be introduced to the fundamentals of solid research, including plagiarism, the concepts of articulate public speaking, the challenge of critical readings through SAT passages, and the tools for cogent, expository writing.

011 ENGLISH I – (COLLEGE PREP LEVEL 1)

Freshman English reviews study skills, usage rules and introduces the writing process, reading strategies, collaborative learning methods and skills necessary to analyze a variety of texts, including nonprint media. In addition, the summer reading program provides the basis for literary analysis and initial language development. Through both outside and in-class readings, the course will concentrate on vocabulary acquisition and usage. These readings provide the foundation for an integrated approach to literature and composition, focusing on the structure of the expository essay. Oral, interactive, and multimedia presentations using SmartBoard technology are required. The primary objective of this course is to provide students with the fundamentals to advance through the Language Arts curriculum.

012 ENGLISH I – (COLLEGE PREP LEVEL 2)

Freshman English introduces fundamental language arts skills necessary to communicate ideas. The course provides students with opportunities in reading, writing, speaking, and listening. Vocabulary and basic grammar are taught through various outside and in-class readings and through analytical and creative writing assignments. To address critical thinking and writing skills, considerable time is spent on the writing process. Once established, these acquired skills can then be applied to the students’ reading and comprehension of various literary genres. These reading strategies culminate in the composition of the expository essay. Department approval is required.

016 ENGLISH I HONORS – (COLLEGE PREP LEVEL HONORS)

Honors English instills an appreciation of literature and an appetite for reading through analysis of various texts. Close readings and writing assignments emphasize critical thinking and the necessity of precision in written and in verbal expression. Focusing on the development of a thesis statement, the format of the writing process is explored using literary and student-based ideas. In addition to reading comprehension strategies, the mechanics of grammar and standard usage are reviewed. Course requirements include the ability to read, write, and discuss with insight as well as an above-average command of language skills. Through group projects, preliminary research skills are introduced. Department approval is required.

021 ENGLISH II – (COLLEGE PREP LEVEL 1)

Sophomore English continues the study and development of writing, speaking, vocabulary, grammar, and reading comprehension skills in conjunction with the study of literature. The steps of the writing process are reinforced and designed to improve students’ ability to produce multi-paragraph essays in subjects taken from the readings and from students’ experience. Public speaking skills are taught in conjunction with literature. Grammar is continually reinforced through creative and critical writing. Literary selections explore recurring themes, ideas and forms in the works of classical and contemporary authors.

022 ENGLISH II – (COLLEGE PREP LEVEL 2)

Sophomore English continues to emphasize the traditional grammatical rules of written English. The course reinforces the usage of conventional skills in reading, writing, speaking, and listening. Exercises in vocabulary essential to the accumulation of word knowledge are an integral part of the curriculum. Ancillary preparation in essay writing focuses on responding to themes appearing in classical and contemporary texts. Department approval is required.

026 ENGLISH II HONORS – (COLLEGE PREP LEVEL HONORS)

This course meets the requirements of Sophomore English but with a more intense analysis of literature. A continuation of challenging close readings as well as thesis-based compositions will reinforce higher level critical-thinking skills. Vocabulary, speaking and research abilities remain a primary objective of the curriculum. Department approval is required.

031 ENGLISH III – (COLLEGE PREP LEVEL 1)

Junior English is based upon the study and analysis of major works in American fiction and drama that reflect the values and concerns of American literary and historical thought. Continued emphasis is placed on the writing process with special attention to the development of a logical argument in creating persuasive essays in preparation for the SAT. Additional attention is given to researching and creating multi-paragraph literary analysis. Students participate in various collaborative writing activities, including peer consultation and evaluation. The writing program culminates in the production of a six-to-eight page MLA research paper on an approved topic.

Campus-Wide WiFi
032 English III – (College Prep Level 1)
Junior English focuses on specific instruction in the planning and writing of essays using techniques of the writing process to formulate and support a thesis. Initially, students will create experience-based paragraphs to practice fundamental concepts in the mechanics of grammar, the structuring of sentences, and standard written usage. Students will then learn the fundamentals of developing a logical argument through creating persuasive essays in preparation for the SAT. Gradually, writing will progress to literature-based multi-paragraph essays, culminating in the preparation and writing of a four-to-six page MLA research paper based on American Literature. In addition, students will read and analyze selections representative of the spirit and values of American literary thought. Study skills already acquired are continually reinforced. Department approval is required.

036 English III Honors – (College Prep Level Honors)
The chronological approach to American Literature invites the student to discover the major literary and artistic movements which best reveal the intellectual and emotional life of America. Through an in-depth reading of fiction, non-fiction, poetry and drama, the student can evaluate the historical relevance of various literary styles. Major assignments focus on written analytical skills, and fluency with themes. Composition work based on themes of the literature, reading comprehension skills as well as the production of a seven-to-ten page analytical paper are required in the course. An appreciation for fine art is fostered through exercises in free writing and fluency. Department approval is required.

039 SAT Grade Eleven Language Arts
Designed to prepare the students for the May SAT exam, this course will concentrate on a review of college-level vocabulary, identifying sentence errors, and improving paragraph writing. Additionally, an in-depth analysis of short, long and paired passages will familiarize students with the challenging readings present in the SAT exam. During the first half of the course, writing and vocabulary exercises through practice SAT tests will work toward mastering the verbal section. In the second half of the course, the class will engage in reading passages to address critical thinking skills and to improve reading comprehension. Understanding figurative language, recognizing the author’s style and tone, and differentiating between generalizations and inferences are required skills in mastering the difficult critical readings. Again, questions to test a higher level of thinking will accompany the reading passages. Preparation for the ACT will also occur for the June exam. In addition, adjustments will be made to accommodate the new SAT Exam.

041 English IV – (College Prep Level 1)
Senior English traces the development of British literature and language from the fifth century to the twentieth century by focusing on major writers and themes. In conjunction with the study and analysis of literature, emphasis is placed on developing and sharpening the skills needed to write logically developed essays and a six-to-eight page MLA research paper.

043 Writing Workshop
The aim of Writing Workshop is to provide opportunities for students who desire to learn the fundamentals of print journalism. Newswriting, reporting, editing and techniques for producing the school newspaper, The Matignon Mirror, are covered. At times throughout the year, students will produce creative and expository writing projects and also work on the school’s yearbook. A recommendation by a teacher familiar with the writing and creative skills of the student is necessary. Department approval is required.

046 English IV Honors – (College Prep Level Honors)
A chronological approach to the study of British literature challenges students to explore the cultural realities, literary movements and writers’ techniques that shape the literature of England. An introduction to literature from other countries, both Western and non-Western, supplements this course. Speaking and writing assignments emphasize interpretation, analysis and synthesis of ideas. Students produce creative assignments and will write frequent short papers honing their skills in literary analysis. In addition, they will write an eight-to-ten page literature-based research paper. This class is designed for students who enjoy reading and research, who desire to improve their writing style and who are comfortable working independently on a variety of projects in addition to their daily class work. Department approval is required.

047 Advanced Placement English Literature and Composition – (College Prep Level Advanced Placement)
Designed to offer the highly advanced student the challenge of college-level English, Advanced Placement English affords the students the opportunity to complete extensive reading selected from major genres and time periods. This reading includes Classical, Shakespearean and Modern drama, poetry, satirical essays, and modern Western and non-Western fiction. Frequent essays are assigned, including poetry explications and student-designed literary analysis. AP English students are also expected to complete an analytical, humanities-based research paper. In addition, students work collaboratively in the actual teaching of a novel or play. Students are invited as well to create original illustrations, journals, poems or skits. Excellent critical thinking skills in reading, writing and speaking are expected in this seminar-format class. At the completion of the course, students are required to take the College Board Advanced Placement Exam in English Literature and Composition, which may award college credits for performance. Department approval is required.

049 Creative Writing • Elective Semester Course
Creative Writing is a half-year English elective offered in the Fall and the Spring. The Creative Writing course offers students the opportunity to develop, practice, or hone their creative writing skills. During the course of the semester, students will be introduced to a variety of creative writing forms, including poetry, personal narratives, and short stories. Students will learn essential writing techniques, as well as have the opportunity to practice, draft, and edit their pieces with feedback from their peers.
SOCIAL STUDIES

It is the goal of the Social Studies Department to provide every student with the knowledge required for active participation in the democratic process. The program emphasizes global awareness, development of the political, economic and social institutions of the United States and our present day relationship with the nations of our global community. The learner will be provided with the tools required for good citizenship in today’s ever changing world. Courses utilize the SmartBoard multi-media technology to display class notes on PowerPoint as well as charts, maps, pictures, video, and Internet websites for analysis and enrichment.

111 WORLD HISTORY – (COLLEGE PREP LEVEL 1)
The purpose of this course is to provide students with a comprehensive survey of world history from prehistory through the early global age, helping them to understand the forces that have shaped past events and the continuing themes that extend across our history. Topics will include early river valley civilizations such as Egypt and China; the legacies of ancient Greece and Rome; regional civilizations in Africa, the Middle East, and Asia; medieval Europe; and the Renaissance and Reformation. Focus will be placed on building critical thinking, reading and writing skills.

112 WORLD HISTORY – (COLLEGE PREP LEVEL 2)
This freshman level course will give the student a basic understanding of world history from prehistory to the Age of Exploration. This course will provide the learner with the fundamentals of historical knowledge needed to continue his/her social studies education at Matignon High School. Emphasis will be placed on reading, comprehension, synthesizing information, and the academic skills needed for success in social studies. Department approval is required.

116 WORLD HISTORY HONORS – (COLLEGE PREP LEVEL HONORS)
The purpose of this course is to provide students with a comprehensive survey of world history from prehistory through the early global age, helping them to understand the sweeping forces that have shaped past events and the continuing themes that extend across our history. As an honors course, expectations will be high - homework and classwork will be more challenging, papers and projects will be further in-depth, and students will be trusted to work and think more independently. Department approval is required.

123 WORLD HISTORY II – (COLLEGE PREP LEVEL 1)
This elective for sophomore adds to the themes explored in the freshman year. Major topics include the Enlightenment and Revolution (1700-1850); Industrialization and a New Global Age (1800-1914); World Wars and Revolution (1910-1955); concluding with an analysis of the world from 1945 to the present. Emphasis will be placed on document based assessment, comprehension, synthesizing information and developing academic skills. Throughout the course connections are made with culture, science & technology; government, economics and geography.

127 WORLD HISTORY II HONORS – (COLLEGE PREP LEVEL HONORS)
As in College Prep 1, this Honors sophomore course will explore and study the same major themes. A greater emphasis will be placed on out of class research and reading primary sources. Students will be expected to complete written and oral presentations. Analytical skills will be stressed. Department approval is required.

128 ADVANCED PLACEMENT WORLD HISTORY (COLLEGE PREP LEVEL ADVANCED PLACEMENT)
In this college-level Advanced Placement course, students will be challenged to view world history though five overarching themes over six larger time periods. Summarized by the acronym SPICE – social, political, interaction between humans and the environment, cultural, and economic - this thematic focus will allow students to compare specific ideas, events, and societies across the entirety of world history. Analysis of both primary historical evidence and supplementary secondary documents will be stressed as students prepare for the AP examination in May. Department approval is required.

130 UNITED STATES HISTORY – (COLLEGE PREP LEVEL 1)
This United States History Level 1 course surveys the development of the United States from the colonial period through America’s transition from an isolationist nation into a global superpower. It highlights democracy in the Early Republic and the growth of the country during the antebellum years. The course further outlines the effects of industrialization and global expansion abroad, culminating in the United States’ involvement in 20th century world conflicts. Students will interact with primary and secondary source documents to further enhance their understanding of United States history. Finally, students will be encouraged to apply and connect their historical knowledge to the current events of today.

135 U.S. HISTORY HONORS – (COLLEGE PREP LEVEL HONORS)
This United States History Honors level course surveys the development of the United States from the colonial period through America’s transition from an isolationist nation into a global superpower. It highlights democracy in the Early Republic and the growth of the country during the antebellum years. The course further outlines the effects of industrialization and global expansion abroad, culminating in the United States’ involvement in 20th century world conflicts. Students will be expected to engage in original research on selected topics throughout the year. This course will challenge students to read and analyze primary and secondary source documents and to expand their knowledge of United States History in a critical fashion. Finally, students will be encouraged to apply and connect their historical knowledge to the current events of today. Departmental approval is required.

137 ADVANCED PLACEMENT U.S. HISTORY (COLLEGE PREP LEVEL ADVANCED PLACEMENT)
This college level course covers the history of the United States from its colonial days to the modern era. It challenges students to do college work, as they learn to develop critical reading, writing, and thinking skills. Particular attention will be given to
outside reading, the analysis of primary source documents, and writing both FRQ and DBQ essays. Upon completion of the course, students will be required to take the AP exam in May. Admission requires departmental approval.

133 PSYCHOLOGY – (COLLEGE PREP LEVEL 1)
This elective is designed to introduce students to the scientific principles of human behavior and mental processes. Students will be exposed to the various domains of psychology including cognition, biological psychology, personality, and mental disorders. Through introspection and discussion, students will develop a better understanding of their self and others. Students will look at a variety of experiments and understand what their importance in the field of psychology. Emphasis will be placed on discovering how and why humans change over the course of life, as well as why humans stay the same.

139 ADVANCED PLACEMENT PSYCHOLOGY – (COLLEGE PREP LEVEL ADVANCED PLACEMENT)
This course follows the College Board guidelines for Advanced Placement Psychology and students who elect it are required to take the AP exam in May. Students with demonstrated ability and the approval of the teacher and department head may elect this course. Psychology is the scientific study of behavior and mental processes. Areas covered include: history of psychology; research methods; sensation and perception; cognitive psychology; human development; abnormal behavior and therapies; social psychology. Through introspection and discussion, students will develop a better understanding of their self and others. In addition to the text, students will summarize and discuss a variety of experiments and understand their importance in the field of psychology. Departmental approval is required.

143 AMERICAN LAW & GOVERNMENT – (COLLEGE PREP LEVEL 1)
This course will provide students with a better understanding of how our government functions at the Federal, State and Local levels. The objective of this course is to prepare students to meet their responsibilities and obligations as active participants in the democratic process. Some of the topics studied include an in-depth analysis of the Declaration of Independence and the U.S. Constitution; the structure, organization and functions of the Presidency, Congress and the Federal Court system; foreign policy and national defense; the purpose of political parties and the electoral process; financing the government; the Bill of Rights and civil liberties; law enforcement and a comparison of economic systems. Students will access both primary and secondary sources to understand how our government functions at all levels.

145 AMERICAN LAW & GOVERNMENT –  (COLLEGE PREP LEVEL HONORS)
This course will provide students with a better understanding of how our government functions at the Federal, State and Local levels. The objective of this course is to prepare students to meet their responsibilities and obligations as active participants in the democratic process. Some of the topics studied include an in-depth analysis of the Declaration of Independence and the U.S. Constitution; the structure, organization and functions of the Presidency, Congress and the Federal Court system; foreign policy and national defense; the purpose of political parties and the electoral process; financing the government; the Bill of Rights and civil liberties; law enforcement and a comparison of economic systems. Students will access both primary and secondary sources to understand how our government functions at all levels.

Smart Board Technology in Every Classroom

MATHEMATICS
The mathematics department offers a variety of levels to accommodate different learning styles and ability levels. Each course covers the same core curriculum, but the speed, depth, and individual responsibility differs from level to level. Each subsequent course builds on the content knowledge learned and adds new information necessary for mastery of the subject. Courses include a review of previous material and emphasizing problem solving, communication, reasoning, and making connections. Throughout the curriculum, creative and critical thinking are developed; inductive and deductive reasoning are explored; reading, listening, and computational skills are reinforced; and real world applications are examined through individual and cooperative learning activities. In each course Smart Board technology allows teachers and students to use the interactive and multimedia aspects of the integrated software, use the web, run educational software, and to make presentations. Considering importance of mathematics in daily activities and in future occupations, it is required that students take four years of Mathematics.
211 ALGEBRA I – (COLLEGE PREP LEVEL 1)
Students will use properties of real numbers to simplify numerical and algebraic expressions, will solve and apply equations and inequalities. Operations with polynomials, rational and irrational expressions, factoring, solving polynomial equations, graphing linear equations and inequalities, solving systems of linear equations, and radical equations will be covered. The interactive aspects of the Smart Board integrated software is used in this course. Placement in this course is determined by the Math Department.

212 ALGEBRA I – (COLLEGE PREP LEVEL 2)
Algebra I is designed to improve the students’ math ability and to raise them to a higher level for college. Emphasis will be placed on mastering pre-algebra objectives prior to each algebraic concept. The students will review the computation of real numbers as they are introduced to the operations of variables, polynomials, and rational numbers. The students will learn to solve equations, inequalities, graphing linear equations and to be ready for the algebra needed in geometry. The interactive aspects of the Smart Board integrated software is used in this course. Placement in this course is determined by the Math Department.

216 ALGEBRA I HONORS – (COLLEGE PREP LEVEL HONORS)
Students will cover the same material as in Level I, but in greater depth and at a quicker pace. The problems covered require increased critical thinking skills. The ability to communicate an algebraic concept is emphasized. The interactive aspects of the Smart Board integrated software is used in this course. Placement in this course is determined by the Math Department.

221 GEOMETRY – (COLLEGE PREP LEVEL 1)
This geometry course consists of a structured presentation of concepts taught both inductively and deductively. Emphasis is placed on the need for and ability to solve problems using geometric and algebraic concepts. The course stresses the structure of lines, angles, triangles, polygons, and circles. Included in the course is a sufficient review of skills to maintain proficiency in Algebra. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.

222 GEOMETRY – (COLLEGE PREP LEVEL 2)
This Level 2 Geometry course consists of a structured presentation of geometric concepts. Emphasis is placed on applications to problems presented. The course covers the concepts of lines, angles, triangles, polygons, and circles. The class is designed to improve students’ math abilities by reviewing algebraic concepts as applied to real world concepts. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.

226 GEOMETRY HONORS – (COLLEGE PREP LEVEL HONORS)
This Geometry course consists of the completion of various geometric proofs both through inductive and deductive reasoning. The course stresses the geometric concepts associated with lines, angles, triangles, polygons, and circles. The ability to communicate geometric concepts, both orally and in written form, is emphasized. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.

231 ALGEBRA II – (COLLEGE PREP LEVEL 1)
This course reviews the concepts of Algebra I, including factoring, solving linear and quadratic equations, solving inequalities, and operations on polynomials, and rational expressions. Emphasis is also placed on solving radical equations, solving word problems, and graphing on the Cartesian coordinate system. A TI-84 Plus Silver Edition or TI-84 Plus C Silver Edition graphing calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.

232 ALGEBRA II – (COLLEGE PREP LEVEL 2)
This course includes a review of Algebra I topics. In addition, the course stresses quadratic equations, radical equations, graphing and systems of equations as applied to real world applications. A TI scientific calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.

236 ALGEBRA II HONORS – (COLLEGE PREP LEVEL HONORS)
Algebra II covers topics in algebra in a thorough way and presents groundwork in trigonometry. Emphasis will be placed on understanding the laws of algebra and the ability to demonstrate this understanding by solving linear, fractional, quadratic, radical equations and inequalities. Problem solving skills are stressed. Trigonometric topics covered will provide a foundation for students moving into Pre-calculus. A TI-84 Plus Silver Edition or TI-84 Plus C Silver Edition graphing calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.

239 SAT PREP COURSE FOR JUNIORS
This semester course provides students an opportunity to review the mathematical concepts of geometry and algebra in preparation for the SAT I exam. The interactive aspects of the Smart Board integrated software is used in this course. In addition, adjustments will be made to accommodate the new SAT Exam.

241 TRIGONOMETRY – (COLLEGE PREP LEVEL 1)
Topics include the introduction of circular trigonometry and its relation to applications of right triangle trigonometry. An in-depth study of triangles, trigonometric functions, identities, graphing and trigonometric equations is covered. A TI-84 Plus Silver Edition or TI-84 Plus C Silver Edition graphing calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.
**242 COLLEGE PREPATORY MATHEMATICS – (COLLEGE PREP LEVEL 2)**

During the first term problems in algebra and geometry are reviewed in preparation for the SAT exam. The remainder of the course integrates algebra, geometry and trigonometry. Students will solve linear, absolute value equations and inequalities, fractional, and radical equations. Simplifying rational and radical expressions will be covered. The quadratic formula will be used to solve quadratic equations. All types of lines and angles associated with a circle will be studied. Right triangle trigonometry, trigonometric functions, trigonometric graph, and trigonometric applications are included in this course. The complex number system which includes the imaginary unit will be studied to be able to solve quadratic equations with imaginary roots. The interactive aspects of the Smart Board integrated software is used in this course. Departmental approval is required.

**245 PRECALCULUS – (COLLEGE PREP LEVEL HONORS)**

Topics include the introduction of circular trigonometry and its relation to applications of right triangle trigonometry. Emphasis is placed on graphing, and analytic concepts including identities and trigonometric equations. Students are expected to develop an understanding of advanced concepts related to functions; including logarithmic, exponential, and parametric functions. A TI-84 Plus Silver Edition or TI-84 Plus C Silver Edition graphing calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Departmental approval is required.

**246 INTRODUCTION TO CALCULUS HONORS – (COLLEGE PREP LEVEL HONORS)**

This course introduces students to differential and integral calculus. Advanced algebraic topics, concepts of extrema, limits, derivatives, curve sketching, and antiderivatives and their applications will be covered. This course prepares a student to take an introductory calculus course in college. A TI-84 Plus Silver Edition or TI-84 Plus C Silver Edition graphing calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Departmental approval is required.

**247 ADVANCED PLACEMENT CALCULUS – (COLLEGE PREP LEVEL ADVANCED PLACEMENT)**

This course provides an intensive college level study of Calculus designed to prepare students to take the Advanced Placement AB Calculus examination. This course follows Advanced Placement guidelines set by the College Board. Emphasis is placed on the rule of five in problem solving situations: analytic, algebraic, graphical, numerical, and verbal. Applications of derivatives and integrals using polynomials, trigonometric, exponential, and logarithmic functions as they relate to real world settings are presented. Derivatives, as rates of change, integrals as the limits of Riemann sums, the Fundamental Theorem of Calculus and its implications, the theory of limits and slope fields are topics of major study in the course. Use of graphing calculators to model, analyze, hypothesize, and construct proofs, using analytical methods, is an integral part of the course. Other topics include polar and parametric equations, differential equations, and related rates. A TI-84 Plus Silver Edition or TI-84 Plus C Silver Edition graphing calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.

**248 CALCULUS HONORS – (COLLEGE PREP LEVEL HONORS)**

This course introduces students to differential and integral calculus. Advanced algebraic topics, concepts of extrema, limits, derivatives, curve sketching, and antiderivatives and their applications will be covered. This course prepares a student to take an introductory calculus course in college. A TI-84 Plus Silver Edition or TI-84 Plus C Silver Edition graphing calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Department approval is required.

**249 STATISTICS HONORS – (COLLEGE PREP LEVEL HONORS)**

This course introduces students to statistical concepts and methods. Topics include data collection and organization, averages and variation; elementary probability; binomial, normal, and t-distributions; estimation and hypothesis testing; and linear correlation and regression. Emphasis is placed on solving applied problems using technology. A TI-84 Plus Silver Edition or TI-84 Plus C Silver Edition graphing calculator is required. The interactive aspects of the Smart Board integrated software is used in this course. Prerequisite: algebra 2 honors or level 1 algebra 2 in high standing.

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**SCIENCE**

The field of Science is a complex system of concepts, procedures and observations that require a systematic approach in order to gain a thorough understanding and appreciation. To gain an understanding of various concepts in the field it is important for students to be able to connect these ideas to the real world where they live. This is accomplished through taking simple and individual pieces of information and building upon past lessons to gain an understanding of complicated and complex theories. The courses at Matignon are offered in state-of-the-art Chemistry, Physics and Biology Science Labs.

**312 BIOLOGY – (GRADE 9) (COLLEGE PREP LEVEL 2)**

This course will also cover a basic overview of Biological Science aiming at the presentation of the subject in a modern relevant manner through a discussion of current topics of interest and importance to the students. It will cover the same topics as Biology level 1, covering the topics a little slower pace and with a little less depth. The instructional approach will include lecture with the use of power point presentations with interactive quizzes and activities, laboratory investigations, and small group discussions. There will be many alternate assessments such as article reviews and posters. Participation in the spring science fair is required of all students. Departmental approval is required.
313 BIOLOGY – (GRADE 9) (COLLEGE PREP LEVEL 1)
This course will cover a basic overview of Biological Science aiming at a presentation of the subject in a modern relevant manner through a discussion of current topics of interest and importance to students. The units in this course will include a practical application of knowledge in basic biochemistry, cells, genetics, ecology, classification and taxonomy, plants and animals through a comparative systems approach with weekly reinforcement and extension in a laboratory setting. The instructional approach will include lectures, small groups discussions, laboratory investigations, quarterly independent research projects, and interactive activities in the school media center, and the use of power point presentations with interactive quizzes and activities. Participation in the spring Science Fair is required of all students.

316 BIOLOGY HONORS – (GRADE 9) (COLLEGE PREP LEVEL HONORS)
This course is a comprehensive biology course offered to capable and motivated students who have demonstrated strong interest in and aptitude for science in middle school. The honors biology course is designed to provide students with an understanding of the integral relationships among living things and their internal as well as external environment. This program starts with the study of molecular and cellular structures, cell life processes and metabolism, and proceeds to increasingly larger and more inclusive topics such as genetics, biotechnology, plant and animal systems and evolution. The laboratory experience plays a central role in the construction of biological knowledge, and students are encouraged to actively participate in each investigation of the course. Throughout the year, student learning is reinforced by conducting laboratory investigations, quarterly scientific projects, power point presentations and interactive quizzes and activities, and by reading current scientific articles in the school media center. The course focuses on cultivating analytical thinking processes, abstract reasoning, and independent scientific research capabilities which will be translated into successful completion of a science fair project. It is recommended that the standardized SAT II Biology test administered in June of the sophomore year be taken by those students who have shown a high level of understanding. Placement into this course is competitive and determined by the Science Dept.

331 CHEMISTRY – (COLLEGE PREP LEVEL 1)
This course includes the study of the structure of atoms and molecules, chemical bonding, energy effects, chemical mathematics and problem solving types of reactions, and equation writing, mole theory, gas laws, ionization, and acid-base reactions. The instructional approach includes lectures, power point presentations, interactive quizzes and activities, and small group discussion. The lab will be used for reinforcement of abstract concepts, to teach manipulative skills and to encourage learning by the direct accumulation, assimilation and analysis of qualitative and quantitative data. Lab reports, quarterly research projects, summary of current scientific articles will be required from all students. Participation in the spring science fair is required of all students.
Prerequisites: C- average or better in all previous Math Courses.

332 CHEMICAL AND PHYSICAL PRINCIPLES – (COLLEGE PREP LEVEL 2)
This is an introductory course covering key concepts in the areas of physical science, chemical science and earth science. Students will work on basic concepts of the above mentioned areas and will learn to perform basic physical science lab skills. This course will require students to become skilled in writing formal lab reports. The instructional approach will include lectures, power point presentations with interactive activities, and small group discussion. Lab reports, quarterly research projects and presentations, summary of current scientific articles will be required from all students. This course will not replace the more formal exploration of the above mentioned topics in subsequent full-year courses. Department approval is required.

336 CHEMISTRY HONORS – (COLLEGE PREP LEVEL HONORS)
This course is designed for students who desire a more in-depth background in chemistry. As such, this course will cover the same material as general chemistry. However, an accelerated pace allows for the additional investigation of gas laws and stoichiometry, electro-chemistry, kinetics, equilibrium, oxidation-reduction reactions as well as organic Chemistry. The more intensive pace will require those students electing Honors chemistry to have a strong math background and a well-developed sense of abstract reason. Intense project work will be required for all students. The instructional approach will include lectures, power point presentations with interactive activities, and small group discussion. Lab work will be more math-based with detailed lab reports. The media center will be available to students to research and complete projects and lab reports. Participation in the spring Science Fair is required of all students.
Prerequisites: B average or better in all previous Math courses and approval of the science department.

341 PHYSICS – (COLLEGE PREP LEVEL 1)
This course is for the student with a mature outlook and a developed sense of responsibility. It reinforces the student’s approach to laboratory investigations. The student is introduced to Newton’s Laws of Motion, the concept of matter and energy, force, and general motion. It is planned to include topics from the theories of heat, electricity, sound light and nuclear reactions. The instructional approach will include lecture with the use of power point presentations with interactive quizzes and activities, laboratory investigations, and small group problem solving.

342 HUMAN ANATOMY AND PHYSIOLOGY – (COLLEGE PREP LEVEL 2)
This course is for the student who desires to know how he / she functions. It will cover the same topics as Human Anatomy and Physiology level 1, but at a slower pace and it will not go into as much depth as the regular course. Various labs of physiology and comparative anatomy, as well as short research topics and quarterly projects will be used to reinforce and extend the topics covered in the course.
Department approval is required.
343 HUMAN ANATOMY AND PHYSIOLOGY – (COLLEGE PREP LEVEL 1)
This course is for the student who desires to know how the human body functions. Not only is it concerned with how the organism functions, but also why it functions the way it does. The study of the structure of the organism (morphology) and its parts (anatomy), as well as their relationship to function (physiology) will be the main theme of this course. The focal point will be that the human body is an integrated unit at all structural levels, from cell through system. The basic following topics will be studied: cellular organization, nutrition, biochemistry, metabolism, human development, reproduction, and genetics. The instructional approach will include lecture, power point presentations with interactive quizzes and activities, and small group discussions. Various labs of physiology and comparative anatomy, as well as short research papers and quarterly independent projects will be used to reinforce and extend the above topics.

344 HUMAN ANATOMY AND PHYSIOLOGY HONORS – (COLLEGE PREP LEVEL HONORS)
This course is designed for juniors and seniors who desire a more in depth study of fundamental anatomy and physiology on a system-by-system basis. This course will cover the same topics as Human Anatomy and Physiology level 1. However, the more intensive and accelerated pace of the class will allow for more time to be spent on current issues in genetics, immunology, dieting and nutrition. Other important topics of interest to students will be discussed with the purpose of giving the information needed to create a healthy lifestyle. Through a variety of teaching methods, such as lectures, power point presentations with interactive quizzes and activities, small group interactive activities, laboratory investigations, and independent research in the school media center, students will gain knowledge of human diseases and health care issues. This course is explicitly aimed at students who want to pursue careers in health fields such as clinical medicine, sports medicine, medical research, kinesiology and other related fields. Participation in quarterly projects. Departmental approval is required.

341 PHYSICS – (COLLEGE PREP LEVEL 1)
This course is for students interested in understanding how and why the world works as it does, with an emphasis on conceptual understanding. Concepts will be introduced and explored through hands-on laboratory investigations, real-world examples, and student-led projects. Topics include general motion, forces, energy, sound, and light. Further topics like electricity, circuits, and heat may be covered, time permitting.

346 PHYSICS HONORS – (COLLEGE PREP LEVEL HONORS)
This course is for students interested in understanding how and why the world works as it does, with an emphasis on conceptual understanding paired with mathematical explanations. Concepts will be introduced and explored through hands-on laboratory investigations, real-world examples, and student-led projects, and reinforced using geometric and algebraic skills. This course will cover the same material as General Physics with a more in-depth, mathematical approach that requires students to have a strong math background and a well-developed sense of abstract reasoning. Departmental approval is required.

347 ADVANCED PLACEMENT BIOLOGY (COLLEGE PREP LEVEL ADVANCED PLACEMENT)
AP Biology is an elective, upper level Biology course. The course content is the equivalent of an introductory college-level Biology course designed to be intellectually strenuous, comprehensive, and intensive. The curriculum is aligned with the AP Biology course description and is geared towards the successful completion of the College Board standardized AP exam. This exam is administered in May and qualified students can earn up to two semesters of college credit. During the year students will learn eight topics in Biology that are correlated to the eight major Biology themes specified in the AP Biology curriculum requirement. The eight units include: the chemistry of life; the cell structure, function, and metabolism; heredity and molecular genetics; evolutionary biology; diversity of organisms and taxonomy; structure and function of plants; structure and function of animals; ecology. Emphasis of the course will be on technology and lab skills, experimental concepts, and research projects. Throughout the year field labs are conducted in community labs of scientific institutions and biotech companies to broaden the student’s exposure to how science is conducted in Academia and industry. The pace of the class is challenging and fast. Students need to take an active role in their learning and are encouraged to learn independently. At the end of the course, students will gain a broad understanding of how biological systems function and work together in everyday phenomena, as well as an appreciation of how scientific research is done and communicated. Acceptance into the course is competitive and limited. Senior students who have demonstrated academic success and motivation will be invited by the science department into the course. Due to time limitations, each student will be required to complete a substantial amount of work during the summer. Departmental approval is required.

349 ADVANCED PLACEMENT PHYSICS I – (ALGEBRA-BASED) (COLLEGE PREP LEVEL ADVANCED PLACEMENT)
AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory simple circuits. Twenty-five percent of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. The pace of the class is challenging and fast, and students are expected to dedicate significant time to homework and individual study. Each student will additionally be required to complete preparatory work during the summer. Students should have completed Algebra I and Geometry with a final grade of 85% or above, and be concurrently taking Algebra II or a more advanced course. Departmental approval is required.

Student / Teacher Ratio – 18:1
FOREIGN LANGUAGES

Students have the opportunity to study French and Spanish during their four years at Matignon. Two years of the same language are required. A third year of the language is highly recommended for all students, with the opportunity to continue to Level V or the AP course. Instruction in sequential levels of the modern languages stresses the development of language proficiency in listening, speaking, reading, and writing. Our goal is to have students use the language accurately and confidently to communicate in real-life situations. Modern language students benefit from interactive textbooks that offer on-line and SmartBoard activities to support and enrich language practice. Language competence enables the students to communicate with other cultures and participate more fully in the global community. All languages introduce students to the contributions of other cultures. Our interdisciplinary curriculum integrates topics of cultural importance. In all languages the study of word origins, derivatives, cognates, and the history of language facilitates the mastering of English grammar and vocabulary. Instruction is guided by the National Standards for Foreign Language Learning.

414 FRENCH I – (COLLEGE PREP LEVEL I • 2-SEMESTER COURSE)
This course offers the beginning student practice in basic oral expression, listening comprehension, elementary reading and writing, and an introduction to the cultures of the French language. Students practice their new French language skills by means of guided writing activities, readings, conversational drills, and audio and SmartBoard activities. Students are encouraged to interact using the French language in pairs and in group settings. A thematic approach to vocabulary and grammar enables students to relate what they are learning in the language to their own experiences. Department approval is required.

417 FRENCH I – (COLLEGE PREP HONORS • 2-SEMESTER COURSE)
This course offers the beginning student practice in basic oral expression, listening comprehension, elementary reading and writing, and an introduction to the cultures of the French language. Students practice their new French language skills by means of guided writing activities, readings, conversational drills, and audio and SmartBoard activities. Students are encouraged to interact using the French language in pairs and in group settings. A thematic approach to vocabulary and grammar enables students to relate what they are learning in the language to their own experiences. Honors level students are challenged by supplementary readings and more advanced interdisciplinary projects. Department approval is required.

Opportunities for college credit through a partnership with Emmanuel College

415 SPANISH I – (COLLEGE PREP LEVEL I / 2-SEMESTER COURSE)
This course offers the beginning student practice in basic oral expression, listening comprehension, elementary reading and writing, and an introduction to the cultures of the Spanish language. Students practice their new Spanish language skills by means of guided writing activities, readings, conversational drills, and audio and SmartBoard activities. Students are encouraged to interact using the Spanish language in pairs and in group settings. A thematic approach to vocabulary and grammar enables students to relate what they are learning in the language to their own experiences. Department approval is required.

419 SPANISH I – (COLLEGE PREP HONORS • 2-SEMESTER COURSE)
This course offers the beginning student practice in basic oral expression, listening comprehension, elementary reading and writing, and an introduction to the cultures of the Spanish language. Students practice their new Spanish language skills by means of guided writing activities, readings, conversational drills, and audio and SmartBoard activities. Students are encouraged to interact using the Spanish language in pairs and in group settings. A thematic approach to vocabulary and grammar enables students to relate what they are learning in the language to their own experiences. Department approval is required.

424 – FRENCH II (COLLEGE PREP LEVEL I • 2-SEMESTER COURSE)
The second level course of French builds and expands the students’ ability to understand, speak, read and write in the French language. A communicative approach integrates written and spoken discourse in the class. There is a greater emphasis on interdisciplinary aspects of the culture such as holidays, customs and traditions, geography, important figures, and the arts. Department approval is required.

429 – FRENCH II (COLLEGE PREP HONORS • 2-SEMESTER COURSE)
The second level course of French builds and expands the students’ ability to understand, speak, read and write in the French language. A communicative approach integrates written and spoken discourse in the class. There is a greater emphasis on interdisciplinary aspects of the culture such as holidays, customs and traditions, geography, important figures, and the arts. In the honors level, interdisciplinary readings and projects demonstrate a more in-depth appreciation of cultural influences. Department approval is required.

425 SPANISH II – (COLLEGE PREP LEVEL I)
426 SPANISH II HONORS – (COLLEGE PREP LEVEL HONORS)
The second level courses build and expand the students’ ability to understand, speak, read and write in the target language. A communicative approach integrates written and spoken discourse in the class. There is a greater emphasis on interdisciplinary aspects of culture such as holidays, customs and traditions, geography, important figures, and the arts. Honors level students are challenged by supplementary readings and more advanced interdisciplinary projects. Department approval is required.
Fourth year language students increase their communicative proficiency and further their appreciation for the target culture. Students are encouraged to be more independent in written and oral expression as demonstrated by more sophisticated projects, and SmartBoard and Power Point presentations. This level is highly recommended for all college bound students. Honors level students are challenged by research projects and more in-depth analysis and interpretation of articles, journals etc. in the target language. Department approval is required.

464 FRENCH IV HONORS
465 SPANISH IV HONORS
(COLLEGE PREP LEVEL HONORS)
The application of grammatical concepts in natural, authentic tasks builds on the linguistic strengths of students and helps reinforce and consolidate previously learned material. As in prior courses, class / pair / group activities encourage speaking, reading, viewing, writing, and listening. Students are strongly encouraged to speak French or Spanish as often as possible. Recommended for all college bound students. Department approval is required.

473 SPANISH V HONORS
474 FRENCH V HONORS
(COLLEGE PREP LEVEL HONORS)
This course reinforces acquired skills by using the target language exclusively. All students are expected to function at an appropriate level of fluency. Project-based learning offers wider parameters for assessing student performance. At times students will be expected to work independently. Department approval required.

446 ADVANCED PLACEMENT FRENCH
475 ADVANCED PLACEMENT SPANISH
(COLLEGE PREP LEVEL ADVANCED PLACEMENT)
AP students are expected to use the target language exclusively. Projects and composition work reflect a more advanced level of student preparation. Activities are designed to promote expanded growth in the three modes of communication: Interpretive, Interpersonal and Presentational. Candidates for AP Languages courses will be expected to complete summer assignments. This course follows the program of studies for AP levels as required by the Educational Testing Service. Students are expected to take the CollegeBoard Advanced Placement exam in French or Spanish Language. Department approval is required.

641 ACCOUNTING I – (COLLEGE PREP LEVEL 1)
This full year senior/junior elective course provides instruction in the application of accounting theory and examines the meaning, purpose, and structure of basic accounting and the accounting equation. It also provides an opportunity to develop communicative and analytical abilities and to gain an understanding of the nature of accounting. The full cycle is taught which includes journalizing, posting, completing a worksheet with adjustments as well as writing the profit, loss and equity statements for proprietorship and corporate accounting systems. Special attention is given to understanding sections that pertain to both business and personal finance. The curriculum will include the use of computer labs as well as simulation projects utilizing both manual and electronic resources. Accurate completion of two in-class accounting simulation projects is required. Supported by a computer, the Smart Board combined with an overhead projector will allow for interactive hands-on, minds-on technology to support the students as they demonstrate what they know in multiple ways.

640 PERSONAL FINANCE • SEMESTER COURSE
In this introductory finance course, students learn basic principles of economics and the best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence. Students will analyze the experiences of finance professionals and stories of everyday people and the choices they make to manage their money. This course will be guided by the online resource EverFi’s Financial Literacy course.

Father Matignon
Honors Program created to academically challenge students with unique academic skills
**TECHNOLOGY**

Matignon High School offers courses in computers so that students will be able to use computers and appropriate technological methods to acquire, organize, and communicate information and to solve problems appropriately and ethically. Students are required to sign an “Ethical Use of Technology” contract each year.

**020 COMPUTER SCIENCE • SEMESTER COURSE**

Intro to Coding & Computer Science: This semester course promotes an inquiry-based approach to teaching and learning foundational concepts in computer science and coding as well as highlighting the computational practices and problem solving associated with doing computer science.

**220 COMPUTER SCIENCE • SEMESTER COURSE**

This sophomore semester course is a continuation of the CS020 freshman Introduction to Computers. This course will be more focused on computer programming and problem solving using Python. There will be an emphasis of developing software, as well as testing. Topics that will be covered are fundamentals for programming and applications.

**FINE ARTS**

The creative process is a significant enriching and fulfilling part of life and is important in the general education of all students. Accordingly, the art department provides a dimension to the curriculum that helps students develop their innate creative skills by encouraging them to visually express their feelings and perceptions of the world around them. This is done in an environment that advocates observation, inquiry, thought, sharing, imagination and support for one another. Encouraging the development of the student’s own creative skills and respect for the work of others will lead to a greater appreciation of the arts for a lifetime.

**722 INTRODUCTORY ART • REQUIRED SEMESTER COURSE**

This course is required of sophomores. The aim of Introductory Art is to develop drawing and painting skills as well as to teach students the language of visual arts. We will discuss the elements and principles of art and apply them in our work. Accompanying art projects will be done in the areas of drawing, painting, and design and will reflect the information discussed in class. Students may place directly into Intermediate Art by ways of a portfolio review with the instructor before enrollment period.

**730 INTERMEDIATE ART • ELECTIVE SEMESTER COURSE**

The Intermediate Art class will give the student the opportunity to further develop those skills acquired in the Introductory Art class. Emphasis will be placed on both the refinement of techniques and exploration into new media and styles.

**740 STUDIO ART**

This junior/senior course provides the student with the time to explore a wide variety of media and techniques. Class time will be spent on more involved, fast-paced, and time-consuming projects than previously attempted and sequential drawing exercises will be completed as homework assignments. Emphasis will be placed on assembling a substantial body of works which could be used as a portfolio by those wishing to further their art interests in college. Department approval is required.

**743 ADVANCED PLACEMENT STUDIO ART DRAWING – (COLLEGE PREP LEVEL ADVANCED PLACEMENT)**

This AP Studio Art Drawing class for Junior/Senior is corresponding to the most common college foundation course. It is based on the premise that college-level material can be taught successfully to secondary school students. The AP Studio Art Drawing portfolio is designed for students who are seriously interested in the practical experience of art. AP Studio Art students create a large portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year (or years) to produce visual compositions. Students submit portfolios for evaluation at the end of the school year. Department approval and successful completion of Studio Art is required. Special cases will be decided through portfolio review with the instructor.

**ELL**

**555 ELL ENGLISH—ELL** English is designed to develop and improve the English language skills of the international students enrolled at Matignon High School. The course will strengthen the students’ knowledge of vocabulary, grammar, and pronunciation, as well as reading comprehension, and writing skills. Students will read short stories, expository texts and at least one novel. Throughout the school year, students are expected to write a personal narrative, a persuasive essay, an expository essay and responses to literature. Upon completion of this course, students should be successful in regular English classes at their appropriate grade level.

**556 ELL HISTORY—**This is an overview course designed to give the international students at Matignon High School a basic understanding of American History while improving their English vocabulary, comprehension and writing skills. The course will cover the time of Columbus to World War II. Emphasis will be placed on the early settlers, the democratic process, wars, expansion, immigration and the industrial revolution. The achievements and contributions of key individuals will be examined through biographical study. Upon completion of this course, students should be successful in any college preparatory level American History class.

**551 ELL THEOLOGY—**ELL Theology is designed to give the international students at Matignon High School a basic competency of theological studies while improving their English vocabulary, comprehension, and writing skills. This course will cover overarching theological and Biblical themes with a particular emphasis on the Catholic Tradition, such as who is God, who is Jesus, what is the Church, what is the mass, and other related topics. Upon completion of this course, students will have a working knowledge of religious terminology and will be advanced into mainstream theology classes.
753 GRAPHIC DESIGN • ELECTIVE SEMESTER COURSE
This course will explore the world of graphic design through projects done by hand and on the computer. Students will work using the basic elements and principles of design and the concepts of typography, layout and composition will be addressed. Creative problem solving skills will be used to develop graphic design products for fictional clients.

900 MUSIC APPRECIATION • ELECTIVE SEMESTER COURSE
In this non-performing class, students will learn how to listen to music critically, will become familiar with basic elements of music and musical notation, and will survey various musical instruments. Additionally, students will study how music has changed over the course of history and will explore the profound effect that music has on human beings.

EXPERIENTIAL LEARNING
This course is designed to support students who are pursuing internship, externship, independent research, and capstone project opportunities through Matignon’s experiential learning program. Students will be expected to work with the Director of Experiential Learning and a faculty advisor to develop a project proposal, set course expectations, and establish community / industry partnerships.

601 EXPERIENTIAL LEARNING SEMINAR SENIORS
• ELECTIVE SEMESTER COURSE

602 EXPERIENTIAL LEARNING SEMINAR JUNIORS
• ELECTIVE SEMESTER COURSE

Over 95% of our graduating seniors attend the college of their choice.

813 HEALTH & PHYSICAL EDUCATION – (FRESHMAN REQUIRED COURSE)
This is a semester long co-ed course designed to educate students on basic athletic skills, as well provide a foundational understanding of human physiology and psychology. Through the implementation of team and individual sports, recreational activities such as dance and fitness exploration, coupled with engaging emotional and physical health curriculum, students will be encouraged to...
• assume responsibility for their own health and well being
• understand the close relationship between personal health and fitness
• learn more about the health issues facing today’s teens

842 PHYSICAL EDUCATION • SENIOR ELECTIVE

003 SENIOR INTERNSHIP
An elective will be offered for a limited number of seniors who have a minimum of a 3.5 grade point average, and who are involved in at least one extra curricular activity. This elective will be an ungraded student internship which will provide students with an opportunity to assist administration or staff in a variety of experiences. A student must be interviewed for the internship by the supervising staff person. The principal or designee will have final approval for all internships.

Students may seek an internship in one of the following areas:
- Headmasters Office
- Main Office
- Guidance Office
- International Student Office
- Office of Assistant Principal
- Office of Alumni & Development
- Office of Admissions

ONLINE COURSE MOD
Through Virtual High School (VHS) a senior student has the opportunity to enroll in a wide-variety of elective courses, including AP courses, which are not offered at Matignon High School. Enrolling in a VHS course not only allows a student to pursue a topic of interest, but also to improve his or her skills in an increasingly technological world. In addition, online learning through VHS can provide content mastery, communication skills, collaborative experiences, and self-sufficiency growth. In order to pass a VHS course, students are expected to complete an extensive amount of self-directed work and to perform at a high level of academic proficiency. All courses will have a Site Coordinator during the assigned class time. Prospective students should visit the VHS website at www.thevhscolaborative.org to explore the wide range of courses.

Seniors can participate in VHS through a full-year course as a major subject credit as one of their six full year subjects, two-semester courses as a semester credit, or a one-semester course for a semester credit.

Requirements: Seniors must have a 3.5 GPA or higher and exhibit organizational and self-motivational traits. All courses must be approved through the subject’s department heads, guidance, and administration. All participants must complete a Virtual High School Course Application form provided by guidance, follow the Matignon High School online course guidelines, and abide by the VHS course guidelines. The participants must be willing to pay half of the cost for the class and are limited to one full year course, two-semester courses, or one-semester course with the understanding of how the courses will be applied as credit.
### PROGRAM OF STUDIES

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<td>Introductory Art**</td>
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**Electives**

All students are required to carry seven credits per year.