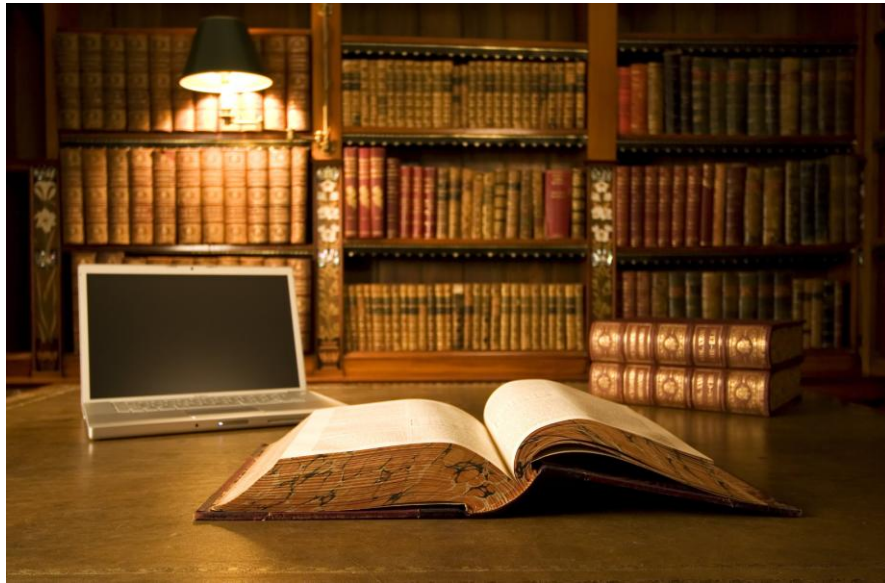




**ACADEMY OF  
SAINT ELIZABETH**  
*Convent Station, New Jersey*

Course Description Catalog  
2019-2020



*“The function of education is to teach one to think intensively and to think critically.  
Intelligence plus character - that is the goal of true education.”*  
Martin Luther King, Jr.

## **FOREWORD**

As a college preparatory secondary school, the Academy of Saint Elizabeth assists each student in planning a program of study that relates to her abilities, interests, and future goals. In addition to the courses that complete the basic requirements for graduation, students are guided in choosing higher level electives that will prepare them for their post-secondary educational experience. For example, students who hope to pursue a college degree in the math, science, engineering, business, or medical fields are encouraged to pursue electives and advanced courses in these subjects. Those who look to pursue degrees in the liberal arts and education are encouraged to take electives and advanced courses in English, Social Studies, and the Arts.

Each year, as students select their courses for the following year, they are encouraged to discuss their choices with their counselor as well as their teachers. College and career readiness are the principal goals of our academic program.

This booklet provides an overview of the courses offered at the Academy. Each contains a brief course description, credits assigned to the course, and any prerequisites. The Academy of Saint Elizabeth cannot guarantee that all courses will be offered each year. Course offerings are dependent on student enrollment and/or scheduling constraints. Should any additional information be needed, both students and parents are encouraged to contact the Counseling Department.

## **TABLE OF CONTENTS**

Graduation Requirements	4
Credits for Course Work	5
Course Sequence by Grade	9
Art – Fine & Performing	13
English	17
Mathematics	24
Physical Education	28
Religious Studies	29
Science	31
Social Studies	37
Technology	43
World Languages	45

## GRADUATION REQUIREMENTS

Art – Fine & Performing	2 Semesters
English	4 Years
Mathematics	4 Years
Physical Education	5 Semesters
Religious Studies	Each Year at AOSE
Science	3 Years – including Biology and Chemistry (and Physics, beginning with the class of 2021)
Social Studies	3 Years – 1 Year of World History 2 Years of American History
Technology	2 Semesters (beginning with class of 2021)
World Languages	3 Years – 2 Years must be in the same language

## CREDITS FOR COURSE WORK

Credits required for graduation - 130

### ART – FINE & PEFORMING

#### FINE ARTS

Art I – Introduction to Art & Design	2.5
Art II – Drawing/Painting	5
Art III – Advanced Art	5
Art IV – Portfolio	5
Ceramics I	2.5
Ceramics II	2.5
Digital Photography	2.5
Advanced Digital Photography	2.5

#### PERFORMING ARTS

Theater and Performance	2.5
Public Speaking and Debate	2.5
The Art of Choral Singing	2.5
Dance I (fulfills either Art or Phys. Ed. requirement)	2.5
Dance II (fulfills either Art or Phys. Ed. requirement)	2.5

### ENGLISH

Critical Reading and Writing	5
Critical Reading and Writing Honors	5
American Literature	5
American Literature Honors	5
British Literature	5
British Literature Honors	5
AP Language and Composition	6
World Literature	5
AP Literature and Composition	6
Writers' Workshop	2.5

#### **College Courses:**

The Reading Life: Identity in the Graphic Novel	3 (and 2 college credits through the College of Saint Elizabeth <i>College Now Program</i> )
The Reading Life: Literary Nonfiction & Memoir	3 (and 2 college credits through the College of Saint Elizabeth <i>College Now Program</i> )
The Reading Life: Do Not Read – Banned Books	3 (and 2 college credits through the College of Saint Elizabeth <i>College Now Program</i> )

## **MATHEMATICS**

Algebra I	5
Geometry	5
Geometry Honors	5
Algebra II	5
Algebra II/Trigonometry Honors	5
Pre-Calculus	5
Pre-Calculus Honors	5
Introduction to Statistics	5
Calculus Honors	5
AP Calculus – AB	6
AP Calculus – BC	6

## **PHYSICAL EDUCATION**

Fitness & Wellness	2.5
Dance I (fulfills either Art or Phys. Ed. requirement)	2.5
Dance II (fulfills either Art or Phys. Ed. requirement)	2.5
Driver Education (does not count toward Phys. Ed. Requirement)	1

## **RELIGIOUS STUDIES**

Scripture	5
Social Justice	5
World Religions	5
Bioethics	5
<b>College Courses:</b>	
Children of Abraham	6 (and 4 college credits through the College of Saint Elizabeth <i>College Now Program</i> )
New Testament	6 (and 4 college credits through the College of Saint Elizabeth <i>College Now Program</i> )

## **SCIENCE**

Biology	5
Biology Honors	5
AP Biology including Lab	7.5
Chemistry	5
Chemistry Honors	5
AP Chemistry including Lab	7.5
Physics	5
Physics Honors	5
Forensic Science	2.5
Advanced Forensic Science	2.5
Anatomy and Physiology I	2.5
Anatomy and Physiology II	2.5
Genetics and Biotechnology	2.5
Pathology	2.5

## **SOCIAL STUDIES**

World History	5
World History Honors	5
U.S. History I	5
U.S. History I Honors	5
U.S. History II	5
AP U.S. History	6
AP Government and Politics	6
<b>College Course:</b>	
Freedom, Power & Politics	6 (and 4 college credits through the College of Saint Elizabeth <i>College Now Program</i> )
Business Marketing in the Age of Technology	2.5
Introduction to Criminal Justice	2.5
Introduction to Economics	2.5
Issues of Conscience – Holocaust and Genocide Studies	2.5
Psychology I	2.5
Psychology II	2.5
Sociology I	2.5
Sociology II	2.5

## **TECHNOLOGY**

Introduction to Engineering	2.5
Introduction to Computer Programming	2.5
Media Literacy & Communications	2.5
Web Design & Visual Communication	2.5

## **WORLD LANGUAGES**

French I	5
French II	5
French III Honors	5
French IV Honors	5
AP French V	6
Latin I	5
Latin II	5
Latin III Honors Literature	5
Latin IV Honors Literature	5
AP Latin	6
Spanish I	5
Spanish II	5
Spanish III Honors	5
Spanish IV Honors	5
AP Spanish V	6

### **COLLEGE OF SAINT ELIZABETH COLLEGE NOW PROGRAM**

In addition to the six CSE college classes offered at the Academy and described in this Catalog, the *College Now Program* also provides high achieving juniors and seniors *whose schedules allow* the opportunity to take college electives on the CSE campus. In order to qualify for the CSE *College Now Program*, juniors and seniors must have at least a 3.0 GPA, letters of recommendation from their guidance counselor, and a completed College Now application. All college courses—whether taken at the Academy, at CSE, or online—receive an additional weight of 1.00 to the final GPA average and require an additional per-credit fee. Students cannot exceed 12 CSE credits within a one-year period or 16 CSE credits over a two-year period. Besides receiving credit for these courses on their high school transcripts, students will also be awarded an official CSE college transcript and transferable college credits, depending on the institution.



## **COURSE SEQUENCE BY GRADE**

### **Grade 9**

Critical Reading and Writing / Critical Reading and Writing Honors

Algebra I / Geometry Honors

Scripture

Biology / Biology Honors

World History / World History Honors

### **World Languages**

French I / French II

Latin I / Latin II

Spanish I / Spanish II

### **SEMESTER ELECTIVES**

Art I – Introduction to Art and Design

Ceramics I / Ceramics II

Digital Photography

Advanced Digital Photography

Theater and Performance

Public Speaking and Debate

The Art of Choral Singing

Writers' Workshop

Fitness & Wellness

Dance I / Dance II

Business Marketing in the Age of Technology

Introduction to Computer Programming

Introduction to Engineering

Media Literacy & Communications

Web Design & Visual Communication

**Grade 10**

American Literature / American Literature Honors  
Geometry / Geometry Honors / Algebra II/Trigonometry Honors  
Social Justice  
Chemistry / Chemistry Honors (10<sup>th</sup> or 11<sup>th</sup> grade)  
U.S. History I / U.S. History I Honors

**World Languages**

French I / French II / French III Honors  
Latin I / Latin II / Latin III Honors  
Spanish I / Spanish II / Spanish III Honors  
Driver Education

**FULL YEAR ELECTIVES**

Art II – Drawing/Painting  
AP Government and Politics

**SEMESTER ELECTIVES**

Art I – Introduction to Art and Design  
Ceramics I / Ceramics II  
Digital Photography  
Advanced Digital Photography  
Theater and Performance  
Public Speaking and Debate  
The Art of Choral Singing  
Writers' Workshop  
Fitness & Wellness  
Dance I / Dance II  
Anatomy and Physiology I / Anatomy and Physiology II  
Forensic Science  
Pathology  
Business Marketing in the Age of Technology  
Introduction to Criminal Justice  
Introduction to Computer Programming  
Introduction to Engineering  
Media Literacy & Communications  
Web Design & Visual Communication

## **Grade 11**

British Literature / British Literature Honors / AP Language and Composition

Algebra II / Algebra II/Trigonometry Honors /

Pre-Calculus / Pre-Calculus Honors / AP Calculus AB

World Religions / Children of Abraham – **College Course**

Chemistry / Chemistry Honors (10<sup>th</sup> or 11<sup>th</sup> grade)

Physics / Physics Honors (Physics required starting with class of 2021)

U.S. History II / AP U.S. History

### **World Languages**

French I / French II / French III Honors / French IV Honors

Latin I / Latin II / Latin III Honors / Latin IV Honors

Spanish I / Spanish II / Spanish III Honors / Spanish IV Honors

## **FULL YEAR ELECTIVES**

Art II – Drawing/Painting

Art III – Advanced Art

AP Biology with Lab

AP Chemistry with Lab

AP Government and Politics

## **SEMESTER ELECTIVES**

Art I – Introduction to Art and Design

Ceramics I / Ceramics II

Digital Photography

Advanced Digital Photography

Theater and Performance

Public Speaking and Debate

The Art of Choral Singing

Writers' Workshop

The Reading Life: Identity in the Graphic Novel - **College Course**

The Reading Life: Literary Nonfiction & Memoir - **College Course**

The Reading Life: Do Not Read – Banned Books - **College Course**

Fitness & Wellness

Dance I / Dance II

Forensic Science

Advanced Forensic Science

Anatomy and Physiology I / Anatomy and Physiology II

Genetics and Biotechnology

Pathology

Business Marketing in the Age of Technology

Introduction to Criminal Justice

Introduction to Economics

Issues of Conscience: Holocaust and Genocide Studies

Psychology I / Psychology II

Sociology I / Sociology II

Introduction to Computer Programming

Introduction to Engineering

Media Literacy & Communications

Web Design & Visual Communication

## **Grade 12**

World Literature / AP Literature and Composition  
Pre-Calculus / Pre-Calculus Honors / Introduction to Statistics / Calculus /  
Calculus Honors / AP Calculus AB / AP Calculus BC  
Bioethics / New Testament – **College Course**

## **FULL YEAR ELECTIVES**

Art II – Drawing/Painting  
Art III – Advanced Art  
Art IV – Portfolio  
AP Biology with Lab  
AP Chemistry with Lab  
Physics / Physics Honors  
AP Government and Politics / Freedom, Power & Politics– **College Course**

## **World Languages**

French III Honors / French IV Honors / AP French V  
Latin III Honors / Latin IV Honors / AP Latin  
Spanish III Honors / Spanish IV Honors / AP Spanish V

## **SEMESTER ELECTIVES**

Art I – Introduction to Art & Design  
Ceramics I / Ceramics II  
Digital Photography  
Advanced Digital Photography  
Theater and Performance  
Public Speaking and Debate  
The Art of Choral Singing  
Writers' Workshop  
The Reading Life: Identity in the Graphic Novel - **College Course**  
The Reading Life: Literary Nonfiction & Memoir - **College Course**  
The Reading Life: Do Not Read – Banned Books - **College Course**  
Fitness & Wellness  
Dance I / Dance II  
Forensic Science  
Advanced Forensic Science  
Anatomy and Physiology I / Anatomy and Physiology II  
Genetics and Biotechnology  
Pathology  
Business Marketing in the Age of Technology  
Introduction to Criminal Justice  
Introduction to Economics  
Issues of Conscience: Holocaust and Genocide Studies  
Psychology I / Psychology II  
Sociology I / Sociology II  
Introduction to Computer Programming  
Introduction to Engineering  
Media Literacy & Communications  
Web Design & Visual Communication

## ART - FINE & PERFORMING

The Fine and Performing Arts Department's greatest emphasis is placed upon a hands-on/performance studio experience. The Fine Arts explore a variety of medias, considering the disciplines of art history, aesthetics and art criticism in each course. Performing Arts emphasis is placed on live performance and the student's ability to analyze emotional and intuitive responses to solve problems and develop communications skills. One full year of Fine or Performing Arts is required for graduation from the Academy.

### FINE ARTS

#### ART I - INTRODUCTION TO ART AND DESIGN

Prerequisite:               None  
Grades:                     9, 10, 11, 12  
Credits:                     2.5

This semester course introduces the fundamentals of art. The class is designed to give students a foundation in basic drawing concepts, principles of design and composition. Students will learn the basics of drawing through use of line, shape, mass, space, texture and color. Students will draw from life as well as a variety of visual references. An introduction to color theory will include studies in pastel, colored pencil, watercolor, and acrylic paint. Mixed media projects are also included in this course.

#### ART II - DRAWING/PAINTING

Prerequisite:               Art I  
Grades:                     10, 11, 12  
Credits:                     5

Drawing and Painting is designed for students who have completed ART I. Students will build on the basics learned, working in a variety of different media. More challenging visual arts projects, including drawing portraits and figure drawing as well as working with pen and ink, will be explored. Expectations are higher and more time is given for completion of in-depth projects. Individual and class critiques will be ongoing.

#### ART III - ADVANCED ART

Prerequisite:               Art II  
Grades:                     11, 12  
Credits:                     5

This advanced level course in drawing and painting emphasizes a greater depth of understanding of art and application of elements of art principles of design. This class follows ART II with a greater concentration on independent work. This course is customized to include appropriate artwork that some students will need to compile a portfolio of art for their senior year.

## ART IV - PORTFOLIO

Prerequisite: Art III  
Grade: 12  
Credits: 5

This course promotes in the student the skills necessary to create strong individual pieces of art that can be compiled into a professional portfolio for college admission. Instruction is personalized and sets high expectations for high level thinking, problem solving, decision making, and collaboration. This course is open to all that are interested in developing their style, technique, and interest in the arts.

## CERAMICS I

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

This course is designed to teach students the origins and history of ceramics and several methods of hand-building with clay. Students will explore basic ways of working with clay—pinching, slab construction, and coil building. Bisque firing and the application of low-fire glazes or stains before glaze firing will complete the student's original pieces.

## CERAMICS II

Prerequisite: Ceramics I  
Grades: 9, 10, 11, 12  
Credits: 2.5

This course is a continuation of CERAMICS I. Students will develop advanced skills in wheel, sculptural, and glazing techniques. Activities will be individualized according to the ability level of each student. Creativity, quality, and craftsmanship are emphasized.

## DIGITAL PHOTOGRAPHY

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

This course will explore digital photography in relation to fine art. Students will be introduced to the basic technology necessary for the production of their art work. They will learn about composition, "rule of thirds," light, texture, pattern, lines, symmetry, depth of field, distance, perspective, space, balance, color, and black and white photography. Students will also learn to use image manipulation software and digital imaging applications. The production and analysis of expressive artwork are the main objectives of this course.

## ADVANCED DIGITAL PHOTOGRAPHY

Prerequisite: Digital Photography  
Grades: 9, 10, 11, 12  
Credits: 2.5

This semester course will build upon the skills learned in Digital Photography. Students will learn to use a sophisticated digital camera and all of its manual settings. Students will produce a wide variety of quality photographic art works. Photoshop software will be used throughout the course to alter and enhance photographs, providing students with the opportunity to explore photographic and digital media with both the camera and computer. Students will create a portfolio of final work at the end of the course.

## PERFORMING ARTS

### THEATER AND PERFORMANCE

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

Theater and Performance is a semester-long course designed as an introduction to the theater. Students become acquainted with the history of the theater and various significant plays. Areas of technical production such as makeup, lighting, costuming, and set design are studied. Class requirements also include limited performance work and a final project demonstrating skills and knowledge applied in the course.

### PUBLIC SPEAKING AND DEBATE

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

Public Speaking is a course designed to provide students with the tools to organize ideas, master presentations and defend positions on self-selected topics. Students will prepare and deliver oral presentations, including extemporaneous and persuasive pieces; students will have the opportunity to perform and to be evaluated by the instructor and her peers. Components of speed, volume, expression and pronunciation are combined with a checklist of physical elements which include posture, movement, eye contact and handling of materials. Assignments vary in length, content and medium—from formal speeches to interviews and panel discussions and will be presented in a variety of formats—live, audio and video. Evaluations will be based on preparation as well as presentation, and will take into account the starting point of each student, her seriousness of approach and her development throughout the course. Novices and those who have some public speaking experience are equally welcome. This is a skills based/performance class.

## THE ART OF CHORAL SINGING

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

The Art of Choral Singing is a performance-based class that provides students with opportunities to “make a joyful noise” and to develop choral skills and musicianship within a group setting. Participation in the class reinforces academic concepts such as concentration and memorization and integrates these with critical thinking, reading, and interpretive skills. Through the use of secular and sacred repertoire from varied genres and historical periods, students develop a sense of artistic appreciation, poise and confidence.

The Art of Choral Singing is open to singers of all skill and experience levels and focuses on the rudiments of vocal technique, blend, sight-singing, rhythm, scales and musicianship. Participants are required to attend all dress rehearsals and concerts. No audition is necessary.

## DANCE I AND II

Prerequisite: None for Dance I; Dance I for Dance II  
Grades: 9, 10, 11, 12  
Credits: 2.5

These semester courses include the fundamentals of ballet, modern, and jazz dance techniques. Ballet elements will focus on the Russian and American Ballet style beginning with ballet movements, vocabulary, and barre work. The modern portion will include floor positions, progressions, vocabulary of Graham, Horton, and Cunningham inspired techniques. The jazz portion of the course will focus on the technical styling of Giordano, Luigi, Mattox, Fosse, and Simonson techniques to include isolations, turns, jumps, and style. In each class students will be expected to participate in warm-ups, across the floor progressions, choreography, and dance history. The class will also focus highly on the strength and condition of the dancer. There will be strong emphasis on core work and posture as well as “cross-fit” like strength training and studies in kinesiology. These classes fulfill either physical education or performing arts requirements.



## ENGLISH

The English curriculum is a four year sequence of learning designed around a variety of language arts. It includes a study of Critical Reading and Writing in Grade 9, American Literature in Grade 10, and British Literature in Grade 11, each with Honors levels respectively. World Literature finishes the regular program in Grade 12. Advanced Placement Language and Composition and Advanced Placement Literature and Composition are also offered in grades 11 and 12. Included in the four year sequence of learning is a close study of three or four major works of William Shakespeare. Depending on availability, field trips to live theatrical performances often supplement study of certain classes. Grades 9-11 also cover a unit of college testing preparation (PSAT/ACT), focusing on the skills and techniques requisite to success. Vocabulary development is incorporated into grades 9-12 through the online interactive program which progressively builds from one level to the next. Writing skills are developed from the sentence to the paragraph to the essay to the research paper. In addition to these expository and rhetorical writings in Standard English, course work grants ample opportunity for students to write creatively. All English students are assigned summer reading of two to three classic and/or contemporary works of literary merit related to the forthcoming fall courses. Additional independent, supplemental readings of works of merit are required for study and discussion beyond the standard textbook anthology.

### CRITICAL READING AND WRITING

Prerequisite:	None
Grade:	9
Credits:	5

The Critical Reading and Writing curriculum lays the foundation upon which the four-year literature and writing program is built. The freshman literature program exposes the student to a sampling of the literary genres: short story, essay, poetry, drama, the epic and novel. These provide materials for the active reading and response to literature by its close textual analysis and interpretation through discussion and writing. Vocabulary development is accomplished through an online vocabulary text, while grammar is directly taught in conjunction with reading and writing assignments via online sources, textbooks and workbooks as supplements. Writing, an essential element of the curriculum, is assigned on a regular basis with an immediately grounded MLA standard format. Assignments vary in length and difficulty, beginning with emphasis on a cogent paragraph and extending through multi-page analytical essays and research. Students are introduced to some creative writing, especially that which is imitative in style or form of the great writers included in the curriculum. Dominant themes and motifs are further explored through outside readings. Essential elements of fiction and literary techniques are incorporated into these studies. For the freshman student, the focus is for her to generate a relationship between literature and herself, and for her to realize that the study of Language Arts is intellectually, spiritually and socially empowering.

## CRITICAL READING AND WRITING HONORS

Prerequisite:	Admissions' Committee Recommendation
Grade:	9
Credits:	5

The Critical Reading and Writing Honors curriculum lays the foundation upon which the four-year literature and writing program is built. The Freshman Literature Program exposes the student to a sampling of the literary genres: short story, essay, poetry, drama, the epic and novel. These provide materials for the active reading and response to literature by its close textual analysis and interpretation through discussion and writing. Vocabulary development is accomplished through an online vocabulary text, while grammar is directly taught in conjunction with reading and writing assignments via online sources, textbooks and workbooks as supplements. Writing, an essential element of the curriculum, is assigned on a regular basis with an immediately grounded MLA standard for format. Assignments vary in length and difficulty, beginning with emphasis on a cogent paragraph and extending through multi-page analytical essays and research. Students are introduced to some creative writing, especially that which is imitative in style or form of the great writers included in the curriculum. Dominant themes and motifs are further explored through outside readings. Essential elements of fiction and literary techniques are incorporated into these studies. For the freshman student, the focus is for her to generate a relationship between literature and herself, and for her to realize that the study of Language Arts is intellectually, spiritually and socially empowering.

Starting from a rigorous level of expectation in grade 9 and progressing through the English Advanced Placement program, the honors/AP courses differ primarily from the standard English curriculum in their demands for more reading of advanced literature and its ensuing intensive, textual interpretation through discussion and writing. The course requires independent thought on the part of the student through application and analysis, enabling her to move towards synthesis and finally evaluation based on a set of artistic standards.

## AMERICAN LITERATURE

Prerequisite:	Critical Reading and Writing
Grade:	10
Credits:	5

This full year course traces the evolution of American Literature from colonial times to the present. Students explore the integration of concepts common to authors, their works, and the time and philosophy during which they are written. In addition to a textbook, outside supplemental readings are used for the in-depth analysis and interpretation of longer works. Expository writing is a major focus throughout the course and is used in conjunction with literary study so as to advance written expression. Oral discussion, note-taking, and outlining are also essential elements needed to improve critical thinking skills. A full review of the PSAT is completed in class prior to the exam in October. Students are introduced to essential elements of the research paper in anticipation of the full process requirement in junior year. MLA format is followed. Vocabulary is studied through both literary context and the online workbook. For the sophomore student, the focus through literature develops her sense of citizenship in her role as an American woman.

## AMERICAN LITERATURE HONORS

Prerequisites: Critical Reading and Writing, Teacher Recommendation  
Grade: 10  
Credits: 5

This full year course traces the evolution of American Literature from colonial times to the present. Students explore the integration of concepts common to authors, their works, and the time and philosophy during which they are written. In addition to a textbook, outside supplemental readings are used for the in-depth analysis and interpretation of longer works. Expository writing is a major focus throughout the course and is used in conjunction with literary study so as to advance written expression. Oral discussion, note taking and outlining are also essential elements needed to improve critical thinking skills. A full review of the PSAT is completed in class prior to the exam in October. Students are introduced to essential elements of the research paper in anticipation of the full process requirement in junior year. MLA format is followed. Vocabulary is studied through both literary context and the online workbook. For the sophomore student, the focus through literature develops her sense of citizenship in her role as an American woman.

Starting from a rigorous level of expectation in grade 9 and progressing through the English Advanced Placement program, the honors/AP courses differ primarily from the standard English curriculum in their demands for more reading of advanced literature and its ensuing intensive, textual interpretation through discussion and writing. The course requires independent thought on the part of the student through application and analysis, enabling her to move towards synthesis and finally evaluation based on a set of artistic standards.

## BRITISH LITERATURE

Prerequisites: American Literature  
Grade: 11  
Credits: 5

British Literature is a full year course arranged primarily chronologically in order to familiarize the student with the earliest writings in the English language with selections from the Anglo-Saxon period and continuing with selections from each period up to the twentieth century. Students explore the integration of concepts and movements common to authors, their works, and the time and philosophy during which they were written. The course continues to advance the general goals of the department with a concentration on improving the student's reading, critical thinking, writing, listening and oral skills. This requires regular vocabulary work, the mastery and application of grammatical concepts, oral and visual presentations, and lecture note-taking and discussion, expository and creative writing, and the mastery of the research paper process. This course also revisits a full review of the college examination (SAT and ACT) preparation and requires an assessment and study of the summer reading material. For the junior student, the focus through this literature is to heighten her self-awareness as a Christian in the tradition of Western Civilization.

## BRITISH LITERATURE HONORS

Prerequisites: American Literature, Teacher Recommendation  
Grade: 11  
Credits: 5

British Literature is a full year course arranged primarily chronologically in order to familiarize the student with the earliest writings in the English language with selections from the Anglo-Saxon period and continuing with selections from each period up to the twentieth century. Students explore the integration of concepts and movements common to authors, their works, and the time and philosophy during which they were written. The course continues to advance the general goals of the department with a concentration on improving the student's reading, critical thinking, writing, listening and oral skills. This requires regular vocabulary work, the mastery and application of grammatical concepts, oral and visual presentations, and lecture note-taking and discussion, expository and creative writing, and the mastery of the research paper process. This course also revisits a full review of the college examination (SAT and ACT) preparation and requires an assessment and study of the summer reading material. For the junior student, the focus through this literature is to heighten her self-awareness as a Christian in the tradition of Western Civilization.

Starting from a rigorous level of expectation in grade 9 and progressing through the English Advanced Placement program, the honors/AP courses differ primarily from the standard English curriculum in their demands for more reading of advanced literature and its ensuing intensive, textual interpretation through discussion and writing. The course requires independent thought on the part of the student through application and analysis, enabling her to move towards synthesis and finally evaluation based on a set of artistic standards.

## ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

Prerequisites: American Literature Honors, Teacher Recommendation  
Grade: 11  
Credits: 6

AP Language and Composition course is a one year program which presents selected writings of master works from the survey of British Literature and supplemental works from the world and the United States canons of literature. A wide range of writings includes those short and long, prose and poetry, fiction and non-fiction, ancient to contemporary in order to examine language arts through literary genre, techniques, movements, poetic devices, and style. This course continues to advance the general goals of the department by sustaining the integrity of the British Literature program while simultaneously preparing the student to pass the rigorous standard of the Advanced Placement Language and Composition exam. There is emphasis on the student's understanding and exercising of rhetorical devices and technique through textual analysis, debate, and persuasive writing. The course further concentrates on textual analysis of content, language, style, and technique; advancing creative and expository writing skills to an artistic level; requiring the mastery of a literary-based research paper process; sharpening critical thinking skills; and refining oral articulation.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

## WORLD LITERATURE

Prerequisites: British Literature  
Grade: 12  
Credits: 5

World Literature plunges into action with the study of summer reading consisting of two global novels from two continents. The student spends time searching for her perfect idea and its execution for her college essay. This is a one year course which presents writings from various countries starting with the earliest known writings from the Ancients and continuing through the ages with selections, complete novels and dramas from different countries. The course continues to advance the general goals of the department with a concentration on improving the student's reading, critical thinking, and writing. The intention is for the student to sharpen listening and oral skills, continue regular vocabulary work, polish expository and creative writing, master and apply grammatical concepts, and hone the research paper process. The course requires of the student engagement in oral and visual SmartBoard and PowerPoint presentations, interaction on computer programs, group projects, and lecture note taking and discussion. There is study of other media including some film and theatrical performances when available. For the senior student, the focus through literature is on her role as a woman and citizen of the world.

## ADVANCED PLACEMENT LITERATURE AND COMPOSITION

Prerequisites: British Literature Honors or AP Language and Composition  
Teacher Recommendation  
Grade: 12  
Credits: 6

The AP course is a one year course which penetrates deeper into the content of literature and the analysis of that content than does the regular high school English course. The content will be presented according to genre, namely: the short story, drama, the novel and poetry. The composition portion will stress that the student is able to formulate a thesis indicating precise reading and judgment formed as a result of analysis. The thesis must be developed with accurate and adequate support, and the development must be organized with a sustained coherence. The student should demonstrate the ability to write in a clear and concise manner with a mature handling of sentence structure and minimal mechanical errors. Admission to AP English requires faculty approval. Class size is limited in order to promote quality study of difficult works. Language skills such as vocabulary and writing, as well as intellectual skills such as reasoning, interpretation and criticism are integral to the course.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

## WRITERS' WORKSHOP

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

This semester course is designed for students who wish to develop their writing skills. The student will express herself from among original poems, short stories, plays, non-fiction, journals, and expository writing. Topics will come from a variety of assignments, as well as from the student's own experiences and sensory impressions. The student will read and discuss literary models, utilize peer review, conference with the instructor, and share final

products with the class. In addition, the student will learn the terms and devices used in improving her writing craft. This course will culminate in an online literary magazine of original work.

This elective course does not fulfill the English requirement.

### **THE READING LIFE: IDENTITY IN THE GRAPHIC NOVEL - College Course**

Prerequisite: Teacher Recommendation (and fulfillment of CSE College Now Requirements: 3.0 or higher GPA, completed College Now application, letter of recommendation from Counselor, \$240.00 CSE registration fee)

Grades: 11, 12

Credits: 3.0 (and 2 college credits through the College of Saint Elizabeth)

This semester course will begin with an examination of the graphic novel format in general: the origins, challenges, advantages, and relevance of this form of storytelling. Our foundational text, *Understanding Comics* (McCloud), will provide a background in how to tell stories using sequential art. We will consult this volume throughout the course, as students explore strategies for visual and textual analysis, and consider the relationship between the two components of a graphic novel. Our reading list of primarily autobiographical works will be examined through the lens of how personal identity is depicted using both text and art. Readings will include modern classics by writer-artists including Marjane Satrapi (*Persepolis*), Gene Luen Yang (*American Born Chinese*), Mat Johnson (*Incognegro*), and others. These works will represent a wide span of historical and cultural contexts, and will in the aggregate present a varied view of the human experience through the lens of the graphic format.

### **THE READING LIFE: LITERARY NONFICTION & MEMOIR - College Course**

Prerequisite: Teacher Recommendation (and fulfillment of CSE College Now Requirements: 3.0 or higher GPA, completed College Now application, letter of recommendation from Counselor, \$240.00 CSE registration fee)

Grades: 11, 12

Credits: 3.0 (and 2 college credits through the College of Saint Elizabeth)

Living in the social media age, we ceaselessly document our “reality”—from the mundane to the momentous. But why do we tell our stories? In this elective, we will consider the art of autobiography, memoir, essay, and other forms of literary nonfiction. We will define, read, and critique creative non-fiction and memoir. As a group, we will grapple with concepts of fact, truth, memory, and reportage, and explore the sometimes problematic relationships among those elements of nonfiction. Possible titles may include *The Color of Water* (McBride); *A Long Way Gone* (Beah); *Girl, Interrupted* (Kaysen); essays published in the *New Yorker*; and works by David Sedaris, Eric Larson, Roxane Gay, and others. In addition to reading texts, we will explore how modern media has altered these forms; examples may include podcasts, blogs, and spoken word performance.

**THE READING LIFE: DO NOT READ: BANNED BOOKS - College Course**

Prerequisite: Teacher Recommendation (and fulfillment of CSE College Now Requirements: 3.0 or higher GPA, completed College Now application, letter of recommendation from Counselor, \$240.00 CSE registration fee)

Grades: 11, 12

Credits: 3.0 (and 2 college credits through the College of Saint Elizabeth)

Books—especially in schools—are banned, censored, and challenged for different reasons. By reading and writing about a range of controversial texts and frequently challenged material, we will grapple with the difficulties posed by these texts, and how these works have been perceived as threatening or dangerous. In short, what is the relationship between literature and society? What is being “kept from” students when these titles are challenged? Is there value or rationale to censorship?

## MATHEMATICS

The Mathematics curriculum is a four year college preparatory sequence that is designed to develop critical thinking skills and encourage logical reasoning. The curriculum also exposes students to real life applications of Mathematics as well as preparation for the newly redesigned PSAT/SAT and ACT. Analysis, synthesis and integration are incorporated into all courses. The ultimate objective of this curriculum is to foster a greater understanding of the subject and prepare for college level mathematics.

### ALGEBRA I

Prerequisite:           None  
Grade:                   9  
Credits:                 5

The objective of this course is for students to develop an understanding and an appreciation of the fundamental skills of Algebra. Topics include: algebraic equations and inequalities, graphing linear and quadratic equations, solving linear systems, factoring polynomials, exponent properties, simplifying radicals and rational expressions. This course lays the foundation for the student beginning college preparatory work in mathematics. The use of graphing calculators is incorporated into the course and students become familiar with various programs, applications and graphing capabilities of the calculator.

### GEOMETRY

Prerequisite:           Algebra I  
Grade:                  10  
Credits:                 5

Geometry focuses on the development of students' skills in visualization, pictorial representation and the applications of geometric ideas. The study of geometry relies upon algebraic concepts to verify properties of the figures presented in each exercise. Algebra I skills are integrated throughout the course within coordinate geometry topics, distance measurements, shapes and angles. In this course, students begin by exploring basic geometric figures including circles, triangles and other polygons. Properties of special right triangles and the Pythagorean Theorem are covered in detail and later used in relation to problems involving area, volume and composite space figures. Students are expected to have and be familiar with the operation of the graphing calculator.

### GEOMETRY HONORS

Prerequisites:           Algebra I, Teacher Recommendation/Placement Test  
Grades:                 9, 10  
Credits:                 5

This course develops the critical thinking, visual-spatial and deductive reasoning skills of students. Through analysis and interpretation of information, students are expected to synthesize information in writing formal proofs. Topics covered include parallel and perpendicular lines, congruency and similarity of triangles, transformations of polygons, properties of quadrilaterals and circles, and introduction to the trigonometric ratios. Students are provided with hands-on activities and exposed to dynamic geometry software. Real life applications of the topics are integrated throughout the course.



## ALGEBRA II

Prerequisites:           Geometry  
Grade:                    11  
Credits:                   5

This course offers the students a sound development of the structure of the real number system and is a continuation of topics covered in Algebra I. Work with the real number system is expanded as a subset of the complex number system. Exponents, rational expressions and rational equations are explored in depth, as are quadratic equations. Quadratics are solved by one of the following methods: factoring, completing the square or using the Quadratic Formula. This course explores various methods of solving radical equations and simplifying radicals. There is also a brief introduction to trigonometry. Graphing calculators are required.

## ALGEBRA II/TRIGONOMETRY HONORS

Prerequisites:           Geometry H, Teacher Recommendation  
Grades:                  10, 11  
Credits:                  5

This course is a continuation and extension of Algebra I. Students develop the algebraic techniques and thinking and reasoning skills required for problem solving. The course emphasizes a graphical interpretation of the subject supplemented with a numerical and analytical interpretation. Topics covered include linear, quadratic, polynomial, exponential and logarithmic functions and their properties. The six basic trigonometric functions and their graphs are introduced. Basic trigonometric identities are included.

Appropriate technology including graphing calculators and other applets are integrated to provide students a rich visual experience and the concepts are given a meaning by relating them to real world scenarios.

## PRE-CALCULUS

Prerequisites:           Algebra II  
Grades:                  11, 12  
Credits:                  5

The aim of this course is to present a thorough treatment of trigonometry by approaching it through the dual perspectives of the unit circle and right triangles. The majority of the course is a thorough coverage of trigonometry. Topics include right triangle trigonometry including the standard right triangles, graphing the basic trig functions including shifts in the graphs, the trigonometry of oblique triangles, verifying trig identities, and other topics from analytic trig including the Law of Sines, the Law of Cosines and sum/difference formulas. The remainder of the course includes coverage of logarithms, complex numbers, permutations and combinations, introduction to probability and statistics, and conic sections. Also included are applications which call upon the students to use analysis and synthesis.

## PRE-CALCULUS HONORS

Prerequisites: Algebra II/Trigonometry H  
Teacher Recommendation  
Grades: 11, 12  
Credits: 5

The course helps students extend their learning from Geometry and Algebra to prepare themselves for the topics in Calculus. It develops strong mathematical thinking and reasoning skills critical for success in college math. It is a rigorous course dealing with linear, quadratic polynomial, exponential and logarithmic functions and their properties. The students are exposed to trigonometry from the triangle and function approach. Various trigonometric identities and formulas are included along with their applications to solving real world scenarios. Graphing calculators and other appropriate applets are integrated to provide the students with a rich visual experience.

## INTRODUCTION TO STATISTICS

Prerequisites: Algebra II, Teacher Recommendation  
Grade: 12  
Credits: 5

This course will introduce students to basic theories and practices involving probability and statistics. Students will work with data collection and creating studies to make statistical inferences. Students will be introduced to a variety of topics, including classifying and collecting data, analyzing and calculating measures of spread, probability distributions, and hypothesis testing. This course will rely heavily on technology and real-life examples to give students the most realistic practices on the subject. Graphing calculators will be required for this class.

## CALCULUS HONORS

Prerequisites: Pre-Calculus, Teacher Recommendation  
Grade: 12  
Credits: 5

Calculus Honors is a full year course that consists of differential and integral Calculus. The curriculum follows the standards and content of AP Calculus, in a simpler form and at a slower pace. The course will cover topics in areas including derivatives, concepts and skills of limits and summations, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach Calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections among these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Since the class is not an AP course, it will be paced accordingly; however, students will still need to dedicate many hours outside of the school day in order to succeed with the topics of Calculus.

## ADVANCED PLACEMENT CALCULUS AB

Prerequisites:	Algebra II/Trigonometry H, Pre-Calculus H (A or better, or Placement Test), Teacher Recommendation
Grades:	11, 12
Credits:	6

Advanced Placement Calculus AB is a challenging course equivalent to the first semester college calculus course. It is devoted to topics in differential and integral calculus. The AP course covers topics in these areas including concepts and skills of limits, derivatives, definite integrals, fundamental theorem of calculus and applications of the concepts to the real world. The course helps students to approach calculus concepts and problems when they are represented graphically, numerically and analytically and to make connections among the representations. Technology is incorporated to help solve problems, interpret results and support conclusions.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

## ADVANCED PLACEMENT CALCULUS BC

Prerequisites:	AP Calculus AB, Teacher Recommendation
Grade:	12
Credits:	6

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses. It extends the content learned in AB to different types of equations (polar, parametric, vector-valued), new topics (such as Euler's method, integration by parts, partial fraction decomposition, and improper integrals), and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections among these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

## PHYSICAL EDUCATION

Physical and wellness education is an essential part of the total education program. The goal is to develop young women who are physically active and have the knowledge, skills and confidence to participate in and enjoy a lifetime of physical activity and healthy living.

### FITNESS AND WELLNESS

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

The one semester Fitness and Wellness course focuses on the development of skills needed to support an understanding of lifetime fitness and health. Students, with teacher guidance, set fitness goals and work to achieve them in order to support a healthy lifestyle. Students participate in an array of activities designed to achieve physical conditioning. In addition, students explore a variety of wellness topics that underscore healthy choices and health-risk behaviors. Because this course focuses on individual development and progress, it is not limited to one semester; instead this course is open to all grade levels and can be taken multiple semesters.

### DANCE I AND II

Prerequisite: None for Dance I; Dance I for Dance II  
Grades: 9, 10, 11, 12  
Credits: 2.5

These semester courses include the fundamentals of ballet, modern, and jazz dance techniques. Ballet elements will focus on the Russian and American Ballet style beginning with ballet movements, vocabulary, and barre work. The modern portion will include floor positions, progressions, vocabulary of Graham, Horton, and Cunningham inspired techniques. The jazz portion of the course will focus on the technical styling of Giordano, Luigi, Mattox, Fosse, and Simonson techniques to include isolations, turns, jumps, and style. In each class students will be expected to participate in warm-ups, across the floor progressions, choreography, and dance history. The class will also focus highly on the strength and condition of the dancer. There will be strong emphasis on core work and posture as well as “cross-fit” like strength training and studies in kinesiology. These classes fulfill either physical education or performing arts requirements.

### DRIVER EDUCATION

Prerequisite: None  
Grade: 10  
Credits: 1

This one marking period required course prepares students for the New Jersey State written test through the study of the driver’s manual, writing assignments, projects, class discussions, and online practice tests. Encouraging the students to develop good driving habits, a knowledge of and respect for traffic rules and regulations, defensive driving skills, and understanding of basic automotive principles is fundamental to this course. The State of New Jersey written exam is administered at the conclusion of this course.

## RELIGIOUS STUDIES

In keeping with the charism of the Sisters of Charity, and a sincere desire to meet the spiritual needs of the young women we teach, the Religious Studies Department seeks to guide each student as she embarks upon the personal journey of experiencing the Good News. The offered curriculum places strong emphasis on the role of women in society and their value within the Church, and strives to establish a strong foundation in the discipline that assures success at an advanced level of study.

### SCRIPTURE

Prerequisite:           None  
Grade:                   9  
Credits:                 5

This course enables students to explore the roots of Christian faith which are manifested in the history of the Israelites as told in the Old Testament. Students explore the messages found in the beautiful literature of the Pentateuch, Joshua, Judges, Kings and Prophets, gaining a heightened awareness of the human frailties which separate us from God, and God's unlimited capacity to forgive. Studying the Gospels and the Acts of the Apostles, the students will understand the spiritual teachings of Jesus Christ, the promised Messiah, and through daily prayer, students will arrive at an understanding of the role of prayer in Jesus's life, and its place as an asset on their spiritual journey.

### SOCIAL JUSTICE

Prerequisite:           None  
Grade:                   10  
Credits:                 5

The complexities of contemporary life and how we arrive to the point of always "doing the right thing" are carefully examined in this course. The relationship between the guidelines of our Christian faith: the Commandments, Works of Mercy, Beatitudes and Sacred Scripture, and making sound moral decisions and formation of an informed, right conscience is thoroughly analyzed. Through this course, students will understand the Catholic Church's commitment to creating a world that provides justice for all human beings made in the likeness of God. The lives and triumphs of the great heroes of social justice will be studied in depth, and students will be asked to demonstrate their own commitment to justice and social consciousness.

### WORLD RELIGIONS

Prerequisite:           None  
Grade:                   11  
Credits:                 5

This course examines the traditions of the major religions of the world: Christianity, Islam, Hinduism, Buddhism and Judaism. Emphasis is placed on the origins, beliefs, principles, doctrine, ritual and worship practices of each religion and seeks to impart accurate information and dispel common misconceptions with the goal of creating an atmosphere of ecumenism and tolerance. This course will specifically explore the origins and foundations of Christianity and the development of the Catholic Church from Jesus through

Constantine, the Council of Nicaea, the Crusades, Council of Trent and Vatican Councils to present day. The beliefs, doctrines, rituals and worship practices of the Catholic Church and several Christian denominations will be examined and compared for greater understanding of the evolution of the Living Church.

### BIOETHICS

Prerequisite: None  
Grade: 12  
Credits: 5

Numerous innovations in technology have contributed significantly to our present quality of life, but they have also brought with them significant moral challenges for Christians. Students will learn the principles and theories on which ethical decisions rely, in particular the theological and intellectual understanding of natural law. In a society where moral relativism often takes precedence, it is important for students to comprehend Christ's commission not only to love, but to be a witness to truth.

### CHILDREN OF ABRAHAM – College Course

Prerequisite: Two prior years of religious study, Teacher Recommendation (and fulfillment of CSE College Now Requirements: 3.0 or higher GPA, completed College Now application, letter of recommendation from Counselor, \$480.00 CSE registration fee)  
Grade: 11  
Credits: 6 (and 4 college credits through the College of St. Elizabeth)

Children of Abraham, Sarah and Hagar is a study of the faith traditions of Judaism, Christianity and Islam by presenting the core beliefs of each, their scriptures and the historical and social context of these communities of faith. Among possible topics to be explored may be the role of women, the relationship of faith and politics and issues of peace and violence.

### NEW TESTAMENT – College Course

Prerequisite: Three prior years of religious study, Teacher Recommendation (and fulfillment of CSE College Now Requirements: 3.0 or higher GPA, completed College Now application, letter of recommendation from Counselor, \$480.00 CSE registration fee)  
Grade: 12  
Credits: 6 (and 4 college credits through the College of St. Elizabeth)

This course will delve into the historical, social, economic, geographical, and cultural context(s) of the New Testament and early Christianity, exposing students to the origins of Christian religious tradition and its sacred texts. This historical foundation seeks to equip students to critically, deconstructively, constructively, and creatively engage the New Testament. Students will examine key foundational issues in New Testament scholarship, closely read biblical and secondary texts, and reflect upon the interpretive processes and ideologies of various (especially one's own) communities.

## SCIENCE

The science curriculum offers courses designed to provide students with a deep understanding of the natural world and to gain competency and confidence in scientific investigation. Students acquire a foundation in science and are provided with the opportunity to develop the skills and knowledge needed for future studies. The curriculum incorporates laboratory experiences, inquiry-based learning, and problem solving skills into all courses to emphasize real-world connections throughout the curriculum. Students discover and interpret data, develop an appreciation for the field, and recognize the importance of science and technology in society. Departmental offerings include courses in the traditional disciplines of biology, chemistry, and physics, as well as multiple electives that allow students the opportunity to explore specialized topics at an advanced level. Three years of a science are required for graduation, which must include biology and chemistry. (Physics will be required starting with the class of 2021.)

### BIOLOGY

Prerequisite:	None
Grade:	9
Credits:	5

Biology is a full year course that presents the study of life from the simplest levels of organization to the most complex. This course explores biological concepts such as biochemistry, cellular biology, genetics, ecology, evolution, and the diversity of organisms through an inquiry-based approach. Students investigate the relationship between structure and function from molecules and cells to organisms and body systems. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to introduce students to laboratory safety, data collection, analysis, and a range of scientific procedures. Students utilize technology through the use of an eBook, online simulations, and virtual lab activities, together with specific instruction about lab equipment. Throughout this course, students develop the abilities of critical thinking, prediction, evaluation, and problem-solving and are given a broad background of biology in preparation for further study in advanced science courses.

### BIOLOGY HONORS

Prerequisite:	Admissions' Committee Recommendation
Grade:	9
Credits:	5

Biology Honors is a full year course that explores biological concepts such as biochemistry, cellular biology, genetics, ecology, evolution, and the diversity of organisms through an advanced, inquiry-based approach. Students investigate the relationship between structure and function from molecules and cells to organisms and body systems. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to introduce students to laboratory safety, data collection, analysis, and a range of scientific procedures. Students utilize technology through the use of an eBook, online simulations, and virtual lab activities, together with specific instruction about lab equipment. Throughout this course, students gain extensive practice in developing critical thinking, prediction, evaluation, and problem-solving skills in preparation for further study in honors and AP science courses.

## ADVANCED PLACEMENT BIOLOGY

Prerequisites:	Biology H (A or better, or Placement Test), Teacher Recommendation
Prerequisite/Co-requisite:	Chemistry H
Grades:	11, 12
Credits:	7.5 (includes credit for required laboratory component)

Advanced Placement Biology is a full year course (with required laboratory component) designed to be the equivalent of a freshman college biology course. College credit for the course may be obtained through the Advanced Placement Biology exam administered each May.

This course provides a more in-depth study of many of the topics covered in an introductory level biology course through an inquiry-based approach. The fast-paced and rigorous course includes topics such as how the process of evolution drives the diversity and unity of life; how organisms use energy to grow, reproduce and maintain homeostasis; how organisms store and transmit hereditary information; and how organisms interact with each other. In order to gain a deeper understanding of the topics, the 13 inquiry-based labs put forth by the Advanced Placement College Board will be completed during the required AP Biology Lab periods. Students utilize technology through the use of an eBook, online simulations, and virtual lab activities, along with specific instruction about lab equipment. Throughout this course, students develop advanced critical thinking and scientific inquiry skills and is strongly recommended for students who plan to pursue a career in science or medicine.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

## CHEMISTRY

Prerequisites:	Biology, Algebra I
Co-requisite:	Algebra II
Grades:	10, 11
Credits:	5

Chemistry is a year long course that incorporates the qualitative and quantitative interactions of matter. A variety of topics are studied including the international system of measurement, dimensional analysis, atomic theory, energy, stoichiometry, chemical bonding, behavior of gases, and solution chemistry. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to introduce students to laboratory safety, data collection, analysis, and a range of scientific procedures. Students utilize technology through the use of an eBook and online simulations, together with specific instruction about lab equipment. Throughout this course, students develop the abilities of critical thinking, prediction, evaluation, and problem-solving and are given a background of chemistry in preparation for further study in advanced science courses.

## CHEMISTRY HONORS

Prerequisites:	Biology H, Teacher Recommendation (Science and Math)
Prerequisite/Co-requisite:	Algebra II/Trigonometry H
Grades:	10, 11
Credits:	5

Honors Chemistry is a year long course that covers dimensional analysis, atomic theory, energy, stoichiometry, chemical bonding, behavior of gases, and solution chemistry at an advanced level. In addition, students gain an introduction to equilibrium, solubility, acid/base chemistry, and rates of reactions. Students must be proficient



in mathematics to succeed, as much of the understanding is observed through quantitative analysis. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to introduce students to laboratory safety, data collection, analysis, and a range of scientific procedures. Students utilize technology through the use of an eBook and online simulations, together with specific instruction about lab equipment. Throughout this course, students gain extensive practice in developing critical thinking, prediction, evaluation, and problem-solving skills in preparation for further study in honors and AP science courses.

### ADVANCED PLACEMENT CHEMISTRY

Prerequisites: Chemistry H (A or better, or Placement Test), Teacher Recommendation  
Co-requisite: Algebra II/Trigonometry H or Pre-Calculus H or AP Calculus  
Grades: 11, 12  
Credits: 7.5 (includes credit for required laboratory component)

Advanced Placement Chemistry is a full year course (with required laboratory component) designed to be the equivalent of a freshman college chemistry course. College credit for the course may be obtained through the Advanced Placement Chemistry Test administered each May.

This course provides a more in-depth study of many of the same concepts covered in the Chemistry Honors course, in addition to rates of chemical reactions, equilibrium, thermodynamics, acids and bases, organic chemistry, nuclear chemistry, and electrochemistry. Considerable emphasis is placed on further developing the quantitative reasoning skills of the student. In order to gain a deeper understanding of the topics, the 16 inquiry-based labs put forth by the Advanced Placement College Board will be completed during the required AP Chemistry Lab periods. Students utilize technology through the use of an eBook and online simulations, together with specific instruction about lab equipment. Throughout this course, students develop advanced critical thinking and scientific inquiry skills, and it is strongly recommended for students who plan to pursue a career in medicine or engineering.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

### PHYSICS

Prerequisites: Chemistry  
Prerequisite/Co-requisite: Algebra II / Algebra II/Trigonometry H  
Grades: 11, 12  
Credits: 5

This course offers the subject matter of a traditional physics course with a qualitative approach to problem-solving. The format includes lecture/discussion, problem solving and experimentation. There are projects which demonstrate students' mastery of course materials. General areas of study will include mechanics, motion, forces, work, momentum, energy, gravitational, waves, light, sound, electricity, and modern physics. Throughout this course, students develop the abilities of critical thinking, prediction, evaluation, and problem-solving and are given a background of physics in preparation for further study in advanced science courses.

## PHYSICS HONORS

Prerequisites:	Biology, Chemistry, and Teacher Recommendation (Science and Math)
Prerequisite/Co-requisite:	Algebra II / Algebra II/Trigonometry H
Grades:	11, 12
Credits:	5

Physics Honors is a full year course which helps build the fundamentals of physics using an inquiry-based approach. It investigates the major concepts in the field of Newtonian mechanics (including circular and rotational energy), sound and light through a conceptual perspective, and algebra-based mathematical analysis. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to introduce students to lab skills necessary for a college-level science course. Throughout this course, students develop thinking and reasoning skills essential for success in a college physics course, and it is strongly recommended for students who plan to pursue a career in science, medicine, or engineering.

## FORENSIC SCIENCE:

Prerequisite:	Biology
Grades:	10, 11, 12
Credits:	2.5

Forensic Science is a semester elective that emphasizes the application of scientific methods in the collection and analysis of physical evidence in criminal cases. The course will focus on evidence collection techniques (such as collecting DNA and blood samples), fingerprint collection and analysis, blood spatter analysis, and trace evidence collection (hairs and fibers). A major project completed throughout this course is creation of a mock crime scenario and the reconstruction of that crime scene. Laboratory experiments and hands-on activities are incorporated throughout the course and tie scientific procedures to criminal scenarios. Students utilize technology through the use of an eBook and online crime scene simulations. This course is recommended for students who are interested in law enforcement and crime scene investigation.

## ADVANCED FORENSIC SCIENCE:

Prerequisites:	Biology and Forensic Science
Prerequisite/Co-requisite:	Chemistry
Grades:	11, 12
Credits:	2.5

Advanced Forensic Science is a semester elective designed for students who show an interest in forensic science (applying science to criminal and civil laws). Topics will include blood typing and analysis, autopsy techniques, DNA sampling, entomology, and toxicology. A major project completed throughout this course is the evaluation of a mock crime scene. Students will photograph, sketch, and collect evidence from the crime scene and recreate the events of the crime. Laboratory experiments and hands-on activities are incorporated throughout the course relating scientific standards to criminal scenarios. Students utilize technology through the use of an eBook and crime scene sketch computer programs. This course is strongly recommended for students who plan to pursue a career in law enforcement or medicine.

### ANATOMY AND PHYSIOLOGY I:

Prerequisite:	Biology
Grades:	10, 11, 12
Credits:	2.5

Anatomy and Physiology I is a semester elective that investigates the structure and function of the human body. This course explores the basic organization of the body, major body systems, and the impact of diseases on certain organ systems. The body systems investigated throughout the semester include the Integumentary, Skeletal, Muscular, Circulatory, and Respiratory Systems. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to introduce students to dissection techniques and lab skills necessary for a college-level science course. Students utilize technology through online simulations and virtual lab activities, together with specific instruction about lab equipment. This course is recommended for students interested in pursuing a career in medicine.

### ANATOMY AND PHYSIOLOGY II:

Prerequisite:	Anatomy and Physiology I or AP Biology
Grades:	10, 11, 12
Credits:	2.5

Anatomy and Physiology II is a semester elective that builds upon the introduction to the human body established in Anatomy and Physiology I. This course further explores the organization of the body, major body systems, and the impact of diseases on certain organ systems. The body systems investigated throughout the semester include the Digestive, Excretory, Reproductive, Nervous, Endocrine, and Immune Systems. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to further practice the dissection techniques and lab skills necessary for a college-level science course. Students utilize technology through online simulations and virtual lab activities, together with specific instruction about lab equipment. This course is recommended for students interested in pursuing a career in medicine.

### GENETICS AND BIOTECHNOLOGY:

Prerequisite:	Biology
Prerequisite/Co-requisite:	Chemistry
Grades:	11, 12
Credits:	2.5

Genetics and Biotechnology is a semester elective that builds on the concepts introduced in biology by providing an in depth look at DNA and its role in living organisms. Topics in genetics covered include the transmission of traits through generations, the impact of mutations, and genetic diseases/disorders. Exploration of more modern topics in biotechnology will include stem cell research, DNA fingerprinting, and how genetic engineering applies to the fields of medicine, agriculture, and industry. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to introduce students to essential lab techniques and skills necessary for a college-level science course. Students utilize technology through online simulations and virtual lab activities, together with specific instruction about lab equipment. This course is recommended for students interested in pursuing a career in science, medicine, or engineering.

PATHOLOGY:

Prerequisite: Biology  
Grades: 10, 11, 12  
Credits: 2.5

Pathology is a semester elective that studies the mechanisms of a broad spectrum of human diseases. Students will be introduced to the causes of disease, how the immune system fights back, and possible treatments and preventions. Topics will also include modern breakthroughs, such as vaccine development, controlling disease outbreaks, and advancements in cancer research. In order to gain a deeper understanding of the topics, inquiry laboratory experiments and hands-on activities are incorporated to introduce students to essential lab techniques and skills necessary for a college-level science course. Students utilize technology through online simulations and virtual lab activities, together with specific instruction about lab equipment. This course is recommended for students interested in pursuing a career in science or medicine.

## SOCIAL STUDIES

The Social Studies program provides students the opportunity to develop the critical thinking skills needed to evaluate the events of the past and present world. Through required courses in World and United States History, students investigate a multitude of issues, such as human-environment interaction, the role of institutions in society, and the effects of cultural diffusion. Literacy skills are emphasized in each course through analysis of primary and secondary sources where students are able to track trends, recognize bias, and organize significant amounts of information into thoughtful written and oral arguments. A significant offering of electives is provided for those students who wish to participate in a more specialized area of study. Honors and Advanced Placement courses are available for students who have the ability and desire to explore in depth the issues that have propelled the human story forward.

### WORLD HISTORY

Prerequisite:	None
Grade:	9
Credits:	5

As a required freshman course, this class introduces students to key critical thinking skills needed to study World History. Students explore three main eras: the first civilizations, the rise and fall of classical civilizations, and the era of accelerating contacts between third wave civilizations. Each period studied requires the student to analyze topics utilizing tools, such as historical comparison, recognition of bias and author point of view, and identification of long term trends. Through our exploration of the human story, students develop a foundation of oral and written skills and the ability to formulate positions about the world events.

### WORLD HISTORY HONORS

Prerequisite:	Admissions' Committee Recommendation
Grade:	9
Credits:	5

The World History Honors course allows students the opportunity to study the major themes and ideas in world history. The course divides the historical record into three main eras: first civilizations, classical civilizations [second wave civilizations], and third wave civilizations. Students will analyze these periods primarily by tracing the recurrence of five main historical themes: Interaction between humans and the environment; development and interaction of cultures; state-building, expansion and conflict; creation, expansion and interaction of economic social systems; and development and transformation of social structures. Students examine historical events, peoples and trends using the same critical thinking skills a historian would use in the field. These skills include: historical comparison, prioritizing and interpreting data from primary sources, using chronological reasoning and recognizing long term trends. The honors course is distinguished from the regular level history course by additional supplemental reading, interpretation of primary documents, advanced writing skills and vigorous discussion.

## U.S. HISTORY I

Prerequisite: World History  
Grade: 10  
Credits: 5

This course covers the first half of United States history from the Renaissance Period through the Progressive movement. Students are expected to know the major political, economic, social and intellectual themes of this era. There is substantial emphasis on analysis of historical writing and the development of critical thinking skills by articulating positions on historical topics. There will be interactive lectures, PowerPoint presentations by individuals and groups, and class discussions.

## U.S. HISTORY I HONORS

Prerequisites: World History, Teacher Recommendation  
Grade: 10  
Credits: 5

U.S. History Honors is a more intense program than the standard course. Utilizing a select textbook and a quicker pace of study, this course covers a comprehensive investigation of material which extends beyond the Progressive period. Assessments are challenging, requiring lucid and cogent writing skills where the student must reach a degree of independent thought through her analysis of historical concepts and facts and their application to current US events. Throughout the course of study, students are required to do independent readings which probe beyond and augment the assigned text of study.

## U.S. HISTORY II

Prerequisites: U.S. History I  
Grade: 11  
Credits: 5

This course covers the second half of United States history, from the onset of World War I through the present. Students are expected to know the chronology of events, and to develop an understanding of both their historical significance and their influence on modern society. Throughout the course, students will gain familiarity of various social movements, political events, and historical documents that impact our lives. Students will learn about World War I, Great Depression, World War II, Cold War, Civil Rights, Vietnam, Counterculture, Humanitarianism and the Environment, and analyze the Presidents' response to these events. The students will also learn about globalization in modern times. There is a continued emphasis on using historical themes in both reading and writing assignments.

## ADVANCED PLACEMENT U.S. HISTORY

Prerequisites:	U.S. History I/ U.S. History I H, Teacher Recommendation
Grade:	11
Credits:	6

The AP U.S. History course focuses on giving students the tools to understand American history from the late 1800s to the present. The course traces several themes throughout the year. Some of these themes include: American and national identity, migration and settlement, politics and power, America in the world. Students examine historical events, peoples and trends using the same critical thinking skills a historian would use in the field. These skills include: historical comparison, prioritizing and interpreting data from primary sources, using chronological reasoning and recognizing long term trends. The AP course is distinguished from the regular level history course by additional supplemental reading, interpretation of primary documents, advanced writing skills and vigorous discussion.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

## ADVANCED PLACEMENT GOVERNMENT AND POLITICS

Prerequisites:	Grade 10: World History H, Teacher Recommendation Grade 11: U.S. History I H, Teacher Recommendation Grade 12: U.S. History II or AP U.S. History, Teacher Recommendation
Co-requisites:	Grade 10: U.S. History I H Grade 11: AP U.S. History II Grade 12: None
Grades:	10, 11, 12
Credits:	6

The AP Government and Politics course gives students an analytical perspective on government and political processes of the United States. In understanding the creation and evolution of the American government and political system, students will be expected to become familiar with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. As extensive usage of primary sources is a required component of this course, highly developed critical reading skills are necessary. To provide context to the areas studied, students are expected to be consistently knowledgeable about current affairs in U.S. government and politics. The AP course is distinguished from a regular level history course by additional supplemental readings (both short documents and novels), interpretation of primary documents, advanced writing skills and vigorous discussion (both in the classroom and on our companion internet platform).

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

## FREEDOM, POWER & POLITICS – College Course

Prerequisites:	World History / U.S. History I / U.S. History II, Teacher Recommendation Required (and fulfillment of CSE College Now Requirements: 3.0 or higher GPA, completed College Now application, letter of recommendation from Counselor, \$480.00 CSE registration fee)
Grade:	12
Credits:	6 (and 4 college credits through the College of Saint Elizabeth)

Freedom. It is the West's most enduring belief and its most debated concept. The light of freedom has brought millions of people into political power and economic success. Yet what happens when things go wrong? Will you sacrifice part of your freedom to ensure the liberty of all society? Can society take away some of your liberties for the greater good? This course traces historical crises from ancient Greece to September 11, 2001. In between we look at events like the Renaissance, the English Civil war, the Enlightenment (and the revolutions in France and America), the rise of Industrial Capitalism and the American Civil Rights movement. Thinkers covered will include: Plato, Thomas Hobbes, John Locke, Alexis de Tocqueville, Karl Marx, Isaiah Berlin, and Robert Putnam.

### BUSINESS MARKETING IN THE AGE OF TECHNOLOGY

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

This semester course will survey marketing strategies during the age of technology. Students will survey various Fortune 500 and Fortune 1000 companies and strategies devised to broaden their markets. The course will cover basic principles of public relations, social media relations, communications, management, and advertising and promotion. Students will be actively following popular trends in marketing in local, national, and foreign markets. Throughout this course, students will be developing a web-based company in which they will find the best ways to market products or services, creating website or application ideas to reach a broad clientele.

### INTRODUCTION TO CRIMINAL JUSTICE

Prerequisite: None  
Grades: 10, 11, 12  
Credits: 2.5

Introduction to Criminal Justice is a semester course that will provide students with an overview of the criminal justice system in the United States. Topics studied will include crime and how society responds to it, definition of law, enforcement of law, judicial systems and correction practices. While focus of the content concentrates on practices in the United States, other countries' systems are studied for comparison and contrast.

### INTRODUCTION TO ECONOMICS

Prerequisite: None  
Grades: 11, 12  
Credits: 2.5

Introduction to Economics is a semester study in which students learn the fundamental concepts of macroeconomics and apply them in intellectual and engaging formats such as graphing, analysis of theory, and development of video presentations. Topics covered in the course include: economic theories, supply and demand, the free enterprise system, the Federal Reserve system, and globalization. Students will also use primary sources to analyze the impact of a variety of factors (geography, international relations and federal intervention) on the national economy.



## ISSUES OF CONSCIENCE - HOLOCAUST AND GENOCIDE STUDIES

Prerequisite: None  
Grades: 11, 12  
Credits: 2.5

This semester course will survey genocide throughout the history of the world. The students will be discussing the origins of these atrocities and possible commonalities between them. Students will study the causes of genocide: the perpetrators and victims, patterns of resistance, world response, and the lessons these events teach the world today. This course will also examine human behavior and its role in the studied genocides. This course will end with a study of the experiments of Nazi doctors at extermination camps, specifically Josef Mengele, Carl Clauberg, and Herta Oberheuser. Students will use various websites and online databases to compile information for classroom discussions.

## PSYCHOLOGY I

Prerequisite: None  
Grades: 11, 12  
Credits: 2.5

Psychology is a semester course that introduces students to the scientific study of behavior and mental processes. The course will include a study of the history of psychology, cognitive psychology, developmental psychology, behavioral psychology, social psychology, and psychological disorders. Students will be expected to participate in online discussions based on reaction to various videos and articles that will be posted. The course will conclude with the development of a psychology-based experiment. The student will be able to use information from this course to develop a better understanding of society.

## PSYCHOLOGY II

Prerequisite: Psychology I  
Grades: 11, 12  
Credits: 2.5

Psychology II is a semester course which is a continuation of Psychology I. The main focus of this course is human behavior. Students will study perception, learning, motivation, emotion, personality, and social psychology. Students will be developing various presentations, videos, and essays to demonstrate understanding. Students will also be expected to participate in online discussions based on reactions to various videos and articles that will be posted via Google Classroom. This course is designed to provide students with a better understanding of society.

## SOCIOLOGY I

Prerequisite: None  
Grades: 11, 12  
Credits: 2.5

Sociology is a semester elective that will focus on the social relationships individuals form with one another. Topics of study include social behavior, culture, and social patterns in the United States and other countries. Other areas of interest will include socialization, social groups, and social inequality.

## SOCIOLOGY II

Prerequisite: Sociology I  
Grades: 11, 12  
Credits: 2.5

Sociology II is a continuation of Sociology I. It is a semester elective that will focus on the social relationships individuals form with one another. Topics of study will include, but are not limited to, groups and formal organizations, social control, and social change.

## TECHNOLOGY

Courses offered in the Technology Department offer students opportunities to explore technology, engineering, innovation, design, and media. Students in all courses are exposed to related careers in these fields, preparing students for 21st century life and careers. Programming students will learn to code in multiple languages, but will also recognize today's programming in the larger context of computing history. Engineering students will develop and apply knowledge of different types of engineering specialties. Coursework in media literacy asks students to closely examine the role that digital media and technology play in society, while design coursework introduces design principles and platforms from which students will produce design solutions to personal, school, and community problems. What all of the courses in the Technology Department share is a twinned emphasis on developing both the hard and the soft skills that will enable students to design, develop, build, test, and present solutions to real-world issues. Those soft skills include collaboration, problem-solving, patience, and perseverance.

### INTRODUCTION TO COMPUTER PROGRAMMING

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

This semester course will provide students with an understanding of algorithms and programming in the C++ language. Topics will include fundamental coding concepts such as variables, decisions, loops and functions, and algorithm design. Students will also learn about the history and development of computers as well as how to use HTML to learn basic concepts in web development.

### INTRODUCTION TO ENGINEERING

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

This semester course offers students an introduction to the principles and strategies that engineers use in the real world. Students will get the opportunity to use these strategies to complete a wide variety of real, hands-on engineering projects. The course will cover the many different disciplines of engineering. Potential topics will include: electrical engineering, mechanical engineering, civil engineering and aerospace engineering. Students will work collaboratively to practice the engineering design process as they draft and prototype solutions to real world problems.

### MEDIA LITERACY & COMMUNICATIONS

Prerequisite: None  
Grades: 9, 10, 11, 12  
Credits: 2.5

Students will engage actively and critically with various forms of mass media to examine and evaluate their messages and learn to become more active consumers and independent thinkers. They will deconstruct a wide range of news articles, photographs, advertisements, websites, television shows and movies. In a

world that has become ever more saturated with content derived from digital sources and social media, our definition of literacy continues to evolve, and notions of what is truthful and real and what is misleading and unreliable becomes increasingly complex. Navigating our popular media landscape presents many challenges and opportunities as we learn how media can be a powerful tool for shaping our perceptions. As such, students will learn how to manage and create their own content—photo essays, short films, commercial, etc,—as informed citizens in a democratic society.

### WEB DESIGN & VISUAL COMMUNICATION

Prerequisite:	None
Grades:	9, 10, 11, 12
Credits:	2.5

The emphasis of this one-semester course will be hands-on application of principles of digital communications: visual/graphic communications, web design, and simple animation. We will begin by establishing an understanding of the tools, techniques, and processes that allow us to effectively communicate in various visual and graphic modes. This will include infographics, digital storytelling, flowcharts, and an understanding of visual hierarchy. Hands-on exploration of digital platforms will include Canva, Piktochart, Google Draw, and more.

Students will follow the website development process: craft a mission statement, identify a target audience, design the website structure, and create content and design. Various platforms will be explored, including Google Sites, Wix, and Wordpress. Students will eventually take on a managerial role in maintenance of the school website. Students will construct a personal professional e-portfolio, suitable for sharing with college admissions offices, prospective employers, and scholarship award committees.

## WORLD LANGUAGES

The World Language Department offers two modern languages, French and Spanish, as well as a classical language, Latin. The philosophy of the World Language Department is to promote knowledge and gain understanding of other cultures. The modern language program is designed to follow a four-year sequence to develop the student's communication skills in reading, writing, listening and speaking in order to perform at an advanced level of proficiency by the end of the fourth year. Students are required to communicate exclusively in the target language by Level 3. The Latin program is also designed to follow a four-year sequence to develop the student's skills and knowledge regarding Classical Latin and its relationship to English and the modern world. The third and fourth years of the Latin program are largely devoted to intensive literary analysis of works of Latin literature.

### FRENCH I

Prerequisite: None  
Grades: 9, 10, 11  
Credits: 5

The objective of this course is to offer students a foundation of the four essential language skills: speaking, reading, writing and listening comprehension. It enables students to start communicating in the target language and to develop an appreciation and awareness of a different culture, thus providing a basis for further study. This course will use a variety of interactive media and material. It also presents geographical background and cultural knowledge of major Francophone countries with a primary emphasis on France.

### FRENCH II

Prerequisite: French I  
Grades: 9, 10, 11  
Credits: 5

This course is open to students who have successfully completed their first year of French I. It reinforces the basic vocabulary, grammar and expressions covered in French I. To develop the four fundamental communication skills, students will be presented increasingly complex grammar and vocabulary. This course will also use a variety of media and material. Additional insight into French culture, customs and people is presented in an interesting and engaging way.

### FRENCH III HONORS

Prerequisites: French II, Teacher Recommendation  
Grades: 10, 11, 12  
Credits: 5

This course provides the opportunity to communicate successfully in a variety of realistic situations as well as be exposed to different types of cultural reading that focus on the history, literature and lifestyles of the people in French-speaking countries. Students are expected to communicate in the target language

by using basic language structures with accuracy and recombine learned material to express their thoughts. They are exposed to more complex features of the language, ranging from concrete to abstract concepts. Students will engage in interactive activities in the target language and will interact with native speakers through engaging videos and authentic audio and reading materials.

#### FRENCH IV HONORS

Prerequisites: French III H, Teacher Recommendation  
Grades: 11, 12  
Credits: 5

This course focuses on proficiency in the four basic skills and is designed to alternate grammar review with selections of French literature from the Middle Ages to the present. Appreciation of literary techniques as well as critical reading skills is cultivated. Students are exposed to more complex and sophisticated features of the language, ranging from concrete to more abstract concepts.

#### ADVANCED PLACEMENT FRENCH V

Prerequisites: French IV H, Teacher Recommendation  
Grade: 12  
Credits: 6

This course is for students who will prepare to take the French Advanced Placement Test. It will provide them with a higher level of oral and written proficiency and develop their critical thinking skills through reading classical works as well as selections of contemporary authors. Exclusive use of French by teacher and students for active communication is required. Students use primary textbooks and other authentic materials and resources as required by the College Board.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***

#### LATIN I:

Prerequisite: None  
Grades: 9, 10, 11  
Credits: 5

The Latin I course is intended to provide a thorough introduction to the forms, syntax and vocabulary of the Latin language. The primary focuses of the course are the mastery of the fundamental forms and grammar that are the basis of Latin and the development of students' ability to accurately and consistently translate Latin readings into English. The history of ancient Rome, Roman culture, Greco-Roman mythology, the influence of the Classics on the Western cultural tradition and their relevance to 21<sup>st</sup> century life and the acquisition of English vocabulary from Latin roots constitute secondary areas of emphasis.

## LATIN II:

Prerequisite:	Latin I
Grades:	9, 10, 11
Credits:	5

The Latin II course is intended to continue instruction in the fundamental forms, syntax and vocabulary of the Latin language. The primary focuses of the course are the continued mastery of the basics of Latin forms and grammar and the development of students' ability to read and accurately translate increasingly complex Latin. In the Latin II course students also can begin to be exposed to unadapted Latin prose and poetry through short selections. The history of ancient Rome, Roman culture and Greco-Roman mythology constitute secondary areas of emphasis.

## LATIN III HONORS LITERATURE

Prerequisites:	Latin II, Teacher Recommendation
Grades:	11, 12
Credits:	5

In this course students will gain the knowledge and skills needed to make a successful transition to the reading of authentic classical texts in the latter portion of the year, in order to participate in the so-called "Great Conversation" through engagement with great minds from the Roman past. While students will continue to learn advanced grammatical constructions in this course, by mid-year they will be reading and analyzing writings by a variety of classical prose and poetic authors such as Nepos, Pliny, Catullus, Ovid, and the Bible via St. Jerome—much as one might read and analyze texts in an English course. These texts will be discussed not only in regard to their Latinity but also in regard to the truths they convey about human nature and government and provide a jumping-off point for discussions about our own society, pro and con, vis-à-vis the Romans'. As relevant, students will also learn about these texts' manuscript traditions and their processes to here. The inclusion of both prose and poetry will allow students to transition to A.P. Latin or alternately continue in Latin IV Honors, also a literature course.

## LATIN IV HONORS LITERATURE

Prerequisites:	Latin III H, Teacher Recommendation
Grades:	11, 12
Credits:	5

In this course, students will continue the project begun in Latin III H of participating in the "Great Conversation" by reading and analyzing authentic classical texts in the original. Text selections will include a mixture of prose and poetry, featuring the writings of authors such as Cicero, Pliny, Tacitus, Horace, and Vergil. Their texts will be discussed not only in regard to their Latinity but also in regard to the truths they convey about human nature and government and provide a jumping-off point for discussions about our own society, pro and con, vis-à-vis the Romans'. As relevant, students will also learn about these texts' manuscript traditions and their processes to here. Students will additionally learn to scan the greatest meter of all, reserved for epic, and only rarely dared by English poets, dactylic hexameter.

## ADVANCED PLACEMENT LATIN

Prerequisites:	Latin III H, Teacher Recommendation
Grade:	12
Credits:	6

This course is the College-Board-authorized Advanced Placement course. The syllabus contains selected Latin passages from Caesar's *de Bello Gallico* and Vergil's *Aeneid* as well as English readings of the entire text. Because it is the equivalent of an intermediate-level college course, students are expected to be able to translate accurately from Latin into English and to demonstrate an understanding of the grammatical structures and vocabulary the authors use. They are also expected to demonstrate a knowledge of the figures of speech and stylistic devices employed. The course includes the study of the political, social, and cultural background of the Late Republic and Early Empire.

**All students enrolled in this course are expected to take the Advanced Placement exam in May.**

## SPANISH I

Prerequisite:	None
Grades:	9, 10, 11
Credits:	5

This introductory course provides a strong foundation in the four key communication skills of speaking, listening, writing and reading. The interactive e-textbook, series *Descubre I*, presents the beginning student with online exercises, engaging video stories, audio selections and speaking practice with the aim of developing a comprehensive understanding of Spanish grammar, vocabulary and pronunciation. The course is conducted in Spanish, with English used only when necessary. By the end of the first year, students will be able to hold a basic conversation, read authentic texts, comprehend audio selections by native speakers and write on a variety of topics.

## SPANISH II

Prerequisite:	Spanish I
Grades:	9, 10, 11
Credits:	5

This course is a review and continuation of Spanish I. Students focus on increasingly complex grammar and vocabulary while continuing to develop the essential skills of speaking, listening, reading and writing. Supported by the interactive, online e-textbook, *Descubre II*, students hear native speakers in a variety of situations, read primary texts and explore more advanced vocabulary presented in cultural readings and videos. At the conclusion of this course, students will have mastered all verb tenses and be able to communicate more complex ideas and themes in both spoken and written form. The class is conducted in Spanish, and students are expected to express themselves in Spanish with both instructor and peers.



### SPANISH III HONORS

Prerequisites: Spanish II, Teacher Recommendation  
Grades: 10, 11, 12  
Credits: 5

The objective of Spanish III is to strengthen competency in all phases of language learning. Using the online etextbook *Descubre 3*, students will engage in an in-depth grammar and vocabulary review with the aim of reinforcing communication skills. There is particular emphasis on the mastery of oral/aural abilities and linguistic structures. Through interactive videos, exercises and readings in the online language learning system, students will also gain a greater understanding of Latin American and Spanish culture. The class is conducted entirely in Spanish. By the end of the year, students will have emerging fluency and an increasingly comprehensive understanding of the language and culture.

Spanish III Honors includes advanced readings, listening selections and grammar studies to develop a mastery of the language. Using the online textbook, *Descubre 3*, students will move at a faster pace through an indepth grammar review and study of complex elements of communication. Students will express themselves entirely in the target language, and by the end of the year, they will be expected to read short literary works by a variety of Hispanic authors, write complex expository essays, understand native speakers in authentic listening materials and express themselves with emerging fluency.

### SPANISH IV HONORS

Prerequisites: Spanish III H, Teacher Recommendation  
Grades: 11, 12  
Credits: 5

In this course, listening and speaking are emphasized through the study of literary and cultural readings on the history, lifestyle and literature of Central America, South America and Spain. Students will use the online, interactive e-textbook, *Imagina*, to perfect their understanding of complex grammar and acquire advanced vocabulary. Students will write well-developed essays on a variety of current events in Spain and Latin America as well as hone their conversational ability on a variety of cultural topics. Class will be conducted entirely in the target language, and emphasis will be placed on fluency, pronunciation and comprehension.

### ADVANCED PLACEMENT SPANISH V

Prerequisites: Spanish IV H, Teacher Recommendation  
Grade: 12  
Credits: 6

This course is for students preparing to take the Spanish Advanced Placement Test. Through the use of the online AP preparatory e-textbook, *Temas*, students will develop the highest level of oral and written proficiency. Critical thinking will be emphasized through the selection of challenging readings and discussion of current events. The course is conducted entirely in Spanish. Students will be expected to complete practice exercises, sample tests and analytical essays to prepare for the AP examination.

***All students enrolled in this course are expected to take the Advanced Placement exam in May.***