



A Catholic, college-preparatory school

# **St. Mary's High School**

## **2024 – 2025**

### **Course Catalog**

**St. Mary's High School**  
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# *Art and Music*

## ELECTIVES

### **Art Foundation**

**FA1**

**.5 Credit**

**Grades 9-12**

In this course, students will gain a fundamental understanding of the elements of art. Students will develop visual skills by the learned process of **how** we see using both observation and imagination. Art appreciation will be achieved by exploring the elements of art in the artworks of well-known artists. Students will have the opportunity to have their artwork exhibited throughout the semester and will also receive guidance to fill a personal sketchbook. Inspiration will be ignited with the practice and experimentation of techniques in a variety of art media such as graphite, charcoal, chalk pastels, oil pastels and paint. Also, in this course, students will develop discipline and organized studio habits. Willingness to trust the creative process is more important than talent or previous experience.

### **Art II**

**FA2**

**.5 Credit**

**Grades 10-12**

Art II introduces the Principles of Design which provides the opportunity for students to expand on the concepts and skills learned in Art Foundations. Students will continue to use a variety of media and will be supported by more in-depth problems to solve creatively. Also offered in this course, will be the introduction to basic technology used for digital graphics. Students will explore how Graphic Design is used for effective modern visual communication.

**Prerequisite: Completion of Art Foundations**

### **Advanced Portfolio Art**

**FA3**

**.5 or 1 Credit**

**Grades 10-12**

In this hybrid course, advanced students will focus on portfolio development as they continue to develop skills in producing high quality works of art. Emphasis is placed on creating more complex visual statements and personal growth. A wide range of materials and processes will be further explored and students will have the opportunity to focus on a chosen subject or medium. The course is intended for advanced students creating a portfolio for college applications, a supplement to their application or specific projects with special intention. Students must be able to work independently, have self-motivation and discipline.

**Prerequisite: Consultation with and permission of the teacher, based on coursework the student has completed and future plans.**

### **Chorus**

**MUS1**

**.5 or 1 Credit**

**Grades 9-12**

This course explores choral music from a wide variety of cultures and time periods through both study and performance. There will be a special focus on liturgical music. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. The course also provides opportunities for growth in the understanding of musical elements (rhythm, melody, form, harmony, dynamics, expressive elements, tone, articulation, and style) as applied to the music performed. Students will learn to enjoy participating in vocal music and work cooperatively with other students in the musical organization. Students are expected to participate in evening concerts as a part of the class. **Semester Course 9-12 or Full-Year 10-12**

### **Multi-Media Lab**

**MUS2**

**.5 Credit**

**Grades 9-12**

This course is an introduction to the integration of electronics into the world of music performance. Students will learn the basics of acoustics & sound, sequencing (composing with MIDI technology), and sampling (recording digital audio), along with studying other Multi-Media Performance skills such as: Podcasting, Music for film and A/V Technology. Multi-Media Lab will include discussions of the historical development of the electronic music genre. Some music theory & performance experience is helpful. Theory review will be included in the coursework as needed.

**Music Appreciation****MUS3****.5 Credit****Grades 9-12**

This course introduces students to the history, theory, and genres of music. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. The first half of the semester covers early musical forms, classical music, and American jazz. The second half of the semester presents modern traditions, including gospel, folk, soul, blues, Latin rhythms, rock and roll and hip hop. The course explores the relationship between music and social movements and reveals how the emergent global society and prominence of the Internet are making musical forms more accessible worldwide.

**Music Appreciation 2****MUS4****.5 Credits****Grades 10-12**

This course takes a deeper look at early musical forms, classical music, and American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll and hip hop. The course explores the relationship between music and social movements and reveals how the emergent global society and prominence of the Internet are making musical forms more accessible worldwide.

(Prerequisite: Music Appreciation or Teacher approval)

**Piano 1****MUS5****.5 Credit****Grades 9-12**

This course is designed to present an overview of musical principals and theories as they relate to the piano and to develop the student's technical skills. The basic musical elements of melody, harmony, and rhythm are studied and discussed. Musical notation and terms are emphasized and are assessed on a regular basis. The course is designed to develop self-sufficiency with the piano and allows the individual to set and achieve personal goals and expectations. This course may require extra study and/or practice during the students' own time.



# *English*

## **English I ACC**

**ENG I.**

**1 Credit**

**Grade 9**

This course is designed to guide students in the development of their reading and writing skills, vocabulary, and grammar. The reading material is diverse and includes short stories, novels, plays, essays, and poems. The selection of texts, while subject to change, may include *To Kill a Mockingbird*, *Romeo and Juliet*, and *A Raisin in the Sun*. Vocabulary is strengthened with comprehensive exercises and practice with recognition of context clues. Special attention is given to writing the five-paragraph essay and citing textual evidence.

## **English I Honors**

**ENG2**

**1 Credit**

**Grade 9**

This course is designed to challenge the academically advanced student. The reading material is diverse and includes short stories, novels, plays, essays, and poems. The selection of texts, while subject to change, may include *To Kill a Mockingbird*, *Romeo and Juliet*, and *A Raisin in the Sun*. The focus of the course is developing high-level reading, writing, and critical thinking skills for the rest of high school and beyond through an in-depth study of literature, grammar, and vocabulary. Special attention is given to the five-paragraph formal essay. The quality of analysis, discussion, and writing is expected to be particularly thoughtful and sophisticated, and the rate at which material is covered is relatively fast.

**Prerequisite: Based on placement testing**

## **English II ACC**

**ENG3**

**1 Credit**

**Grade 10**

This course will further develop and refine the college bound student's reading comprehension, analytical, writing and communication skills through reading, vocabulary, research and writing assignments and exercises. Literature includes, but is not limited to, a survey of the short story, poetry, modern and Shakespearean drama, novels and non-fiction. Outside reading is required and students use this reading as a basis for developing oral communication. A concentration of expository, descriptive and creative writing is incorporated throughout the course.

## **English II Honors**

**ENG4**

**1 Credit**

**Grade 9-10**

This course is designed to challenge the academically advanced student. The course will further develop and refine the student's reading comprehension, analytical and writing skills through reading, vocabulary, writing and research skills. This course serves as a foundation for subsequent, more advanced English classes.

Literature includes a survey of the short story, modern and Shakespearean drama, poetry, novels, and non-fiction. Outside reading is required and students use this reading as a basis for developing oral communication. Emphasis is placed on reading, literary analysis, oral communication and expository, descriptive, and creative writing. **Teacher or Counselor Recommendation**

**Prerequisite: 80 in Honors English I or a 90 in Accelerated English I.**

## **American Literature ACC**

**ENG5**

**1 Credit**

**Grade 11**

This course is designed for the college bound junior who demonstrates proficient reading, writing and communication skills. The course focuses on themes in American Literature and examines the major authors, periods and genres in American Literature and the impact of the literature on the culture, history and growth of the American civilization. The development of language arts and skills is achieved through reading, writing, vocabulary, grammar, SAT preparation, critical thinking, oral communication, and collaboration. Clear, concise and effective oral and written communication is stressed. Research and analytical skills will be studied and applied with the completion of a comparative literary analysis paper.



# *English*

## ELECTIVES

### **Creative Writing**

**ENG14**

**.5 Credit**

**Grades 9-12**

This year long workshop course will be a study in the techniques and methods of creative writing, with an emphasis on the development of prose and poetry. Students are required to write in a variety of genres and to demonstrate a capability for giving and receiving constructive criticism. Students will demonstrate a better understanding of the revision and rewriting process through mastery of editing skills, including peer-editing.

Students will be required to present their prose and poetry in class and a mandatory final portfolio will be due at the end of the course.

### **Pop Culture**

**ENG15**

**.5 Credit**

**Grades 9-12**

Popular Culture plays a vital role in shaping not only how we think about ourselves and each other, but also about the larger world around us. This survey course will explore popular culture in American society from the 1960's through the 1990's. We will analyze factors such as ethnicity, race, gender, class, age and religion and how they are shaped and reflected within popular culture, with particular attention to the literature, film, television, music and advertising of the respective decades.

### **Public Speaking/Oral Communication**

**ENG16**

**.5 Credit**

**Grades 9-12**

This half-year course will serve as an introduction to public speaking, terminology, basic skills and techniques for making oral presentations and speeches. Students will develop the skills of articulation, relevant argument, poise and presence through repeated experience in practice, performance, and measured self-confidence.

Students will study various types of speeches (informative, persuasive, dramatic, and special occasion), read and listen to speeches, and prepare and present their own speeches. This course is activity-based and students

will learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and benefit from listener feedback, all while having frequent opportunities to speak in a public forum.

### **AP Seminar**

**ENG18**

**1 Credit**

**Grade 10-12**

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

### **Prerequisite: Teacher or Counselor Recommendation**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**



# *Foreign Language*

## **Spanish I ACC**

**FL1**

**1 Credit**

**Grades 9 - 12**

This course introduces students to the culture and language of the Spanish-speaking world. Emphasis will be placed on pronunciation, basic grammatical structures, vocabulary, culture and basic conversations. Some topics will be developed based on the MA Foreign Language Curriculum Frameworks (Communication, Cultures, Connections, Comparisons, and Communities.) In addition, the integration of the study of language with the study of culture (which includes daily life, history, literature, visual and performing arts, mathematics and science) creates natural links to other disciplines.

## **Spanish I Honors**

**FL2**

**1 Credit**

**Grades 9–12**

This course introduces students to the culture and language of the Spanish-speaking world. Emphasis will be placed on pronunciation, basic grammatical structures, vocabulary, culture and basic conversations. The course will also offer an emphasis approach to listening, reading comprehension and writing. Major topics will be developed based on the MA Foreign Language Curriculum Frameworks (Communication, Cultures, Connections, Comparisons, and Communities.) This course will give the students the ability to carry on a simple conversation. In addition, the integration of the study of language with the study of culture (which includes daily life, history, literature, visual and performing arts, mathematics and science) creates natural links to other disciplines.

**Prerequisite: Teacher or Counselor Recommendation**

## **Spanish II ACC**

**FL3**

**1 Credit**

**Grades 9 - 12**

This course builds upon knowledge gained in Spanish I. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Most of the major topics will be developed based on the MA Foreign Language Curriculum Frameworks. (Communication, Cultures, connections, Comparisons, and Communities.) Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and subjunctive mood. Students will be expected to apply them in their writing and speaking.

## **Spanish II Honors**

**FL4**

**1 Credit**

**Grades 9–12**

This course builds upon knowledge gained in Spanish I. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Major topics will be developed based on the MA Foreign Language Curriculum Frameworks (Communication, Cultures, Connections, Comparisons, and Communities.) This course will give the students the ability to carry on a simple conversation. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and subjunctive mood. Students will be expected to apply them in their writing and speaking. Students will be encouraged to participate in Spanish Club activities.

**Prerequisite: Teacher or Counselor Recommendation**

**Spanish III ACC****FL5****1 Credit****Grades 10-12**

This course builds upon knowledge gained in Spanish II and will reinforce the skills previously learned and provide a greater emphasis on the Spanish language, grammar, and culture. Students in this course will build on their Spanish knowledge by learning more complex grammatical structures and become equipped to read and understand a variety of literary selections and gain necessary skills to interact verbally and in writing with Spanish speakers in varied social and business situations. As part of the course, students will be afforded opportunities to read, write, hear, and speak Spanish while they work towards becoming linguistically and culturally literate. Major topics will be developed based on the MA Foreign Language Curriculum Frameworks (Communication, Cultures, Connections, Comparisons, and Communities.) This course will give the students the ability to carry on a simple conversation for this reason acquisition of functional vocabulary is expected.

**Spanish III Honors****FL9****1 Credit****Grades 10-12**

This course is considered high intermediate level and will continue building upon knowledge gained in Spanish II. They will also reinforce the skills previously learned and provide a greater emphasis on the Spanish language, grammar, and culture. It is a challenging course taking in considerations that students will be presented with high standard vocabulary with a lot of synonyms and cognates, grammar that deals with many complex tenses and clauses as well as idiomatic expressions. In addition, there will be a demanding immersion in Spanish literature and deeper knowledge of the Spanish culture, consistent oral conversation, written composition, listening and reading comprehension. All of the aforementioned will be ongoing activities perform in class in accordance to the MA Foreign Language Curriculum Frameworks (Communication, Cultures, Connections, Comparisons, and Communities.) This course will give the students the ability to carry on complex conversation.

**Prerequisite: Teacher or Counselor Recommendation**

**Spanish IV ACC****FL10****1 Credit****Grades 11-12**

This course deepens the four language skills of listening, speaking, reading, and writing. Students will discuss in Spanish contemporary topics and literature while extending their vocabulary and increasing their understanding of grammatical concepts. The classroom activities are designed to develop those skills. Vocabulary will focus on words and expressions relevant to readings or other input. The readings address topics ranging from history and systems of government to professions, celebrations, leisure time, health, and others. Grammatical concepts introduced in Spanish III will be reviewed and reinforced. New grammatical concepts include the conditional and future tenses, the impersonal se, the perfect tenses, and further uses of the subjunctive. This course is conducted mostly in the target language. All of the aforementioned will be ongoing activities perform in class in accordance to the MA Foreign Language Curriculum Frameworks (Communication, Cultures, Connections, Comparisons, and Communities.) This course will give the students the ability to carry on complex conversation.

**Spanish IV Honors****FL11****1 Credit****Grades 11-12**

This course deepens the four language skills of listening, speaking, reading, and writing. Students will discuss in Spanish contemporary topics and literature while extending their vocabulary and increasing their understanding of grammatical concepts. The classroom activities in Honors Spanish IV are designed to develop those skills. Vocabulary will focus on words and expressions relevant to readings or other input. The readings address topics ranging from history and systems of government to professions, celebrations, leisure time, health, and others. Grammatical concepts introduced in Honors Spanish III will be reviewed and reinforced. New grammatical concepts include the conditional and future tenses, the impersonal se, the perfect tenses, and further uses of the subjunctive. Honor Spanish IV course is conducted entirely in the target language. The pace of the Honor class is accelerated and college directed. All of the aforementioned will be ongoing activities perform in class in accordance to the MA Foreign Language Curriculum Frameworks (Communication, Cultures, Connections, Comparisons, and Communities.) This course will give the students the ability to carry on complex conversation. **Prerequisite: Teacher or Counselor Recommendation.**

**AP Spanish Language****FL12****1 Credit****Grades 11-12**

This course is intended for the highly motivated and capable student who would benefit from a more accelerated pace of learning and additional, more challenging areas of study. The class will focus on both grammatical accuracy and communicative fluency. Grammatical knowledge and vocabulary will be refined and expanded so that, as a student, you will be able to more easily comprehend written and spoken Spanish, and more easily express your own ideas when writing and speaking. This class will allow you to continue to build proficiency in the areas of reading, writing, listening, and speaking through a variety of interactive and non-interactive activities such as compositions, essays, telephone conversations, email replies, oral presentation, skits, in-depth studies of Spanish and Latin American literature, history, and geography. The primary purpose of the course is to prepare students to be college-ready, well-rounded global citizens who can communicate effectively in Spanish and are aware of the cultural influences of the Spanish and Latino heritage at homeland abroad.

**Prerequisite: Completion of Honors Spanish IV and 90 or above average. 89 or below requires Teacher or Counselor Recommendation.**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**

# Math

## Algebra I ACC

MAT1

1 Credit

Grade 9

This course guides the student in discovering mathematical principles and furnishes them with exercise material to strengthen their comprehension. The following units are covered: basic terms, operations with real numbers, solving equations and inequalities, polynomials, factoring, algebraic fractions, simultaneous equations and problem solving.

**Placement based upon HSPT and a St. Mary's placement test in June.**

## Algebra I Honors

MAT2

1 Credit

Grade 9

This course is designed for the student who has facility for mathematics. As the student pursues this course, they will work on the following units: real number system, properties and operations, equations and inequalities, polynomials, functions and variations, quadratic equations and problem solving.

**Placement based upon HSPT and a St. Mary's placement test in June.**

## Geometry ACC

MAT3

1 Credit

Grade 10

This course is designed to help the student to understand the nature of a mathematical system and to appreciate the basic structure of Geometry. Time will be spent on both inductive and deductive reasoning. Efforts to show how Algebra and Geometry complement each other will be made.

**Prerequisite: Successful completion of Algebra I**

## Geometry Honors

MAT4

1 Credit

Grades 9 - 10

This course is designed for the student who has shown a high ability level in math and may wish to pursue math or science on the college level. It contains a sophisticated approach to the mathematical structure of geometry with an emphasis placed on deductive reasoning.

**Prerequisite: Successful completion of Honors Algebra I, 90 or above in Algebra ACC.**

**Current Math Teacher's Recommendation and Counselor Recommendation**

## Algebra II ACC

MAT5

1 Credit

Grades 10-11

This course is designed for the college bound student who has a good ability in math. It includes a review of Algebra I. New topics include: Quadratics and their inequalities, the complex number system, polynomial and exponential equations and finally logs.

**Prerequisite: Successful completion of Geometry ACC and Algebra I ACC.**

## Algebra II Honors

MAT9

1 Credit

Grades 10-11

This course is designed for the high ability math student. The topics will include a comprehensive review of Algebra I. New topics include: Quadratics and their inequalities, the complex number system, polynomial and exponential equations and finally logs.

**Prerequisite: Successful completion of Alg I H and Geo H, 90 or above in Alg I ACC and Geo ACC.**

**Current Math Teacher's Recommendation and Counselor Recommendation.**

## Pre-Calculus ACC

MAT11

1 Credit

Grades 11-12

This course is for the college-bound student who will profit from and understanding of the limit of functions, a topic discussed in Calculus. Topics include: evaluation and graphing functions of many forms including quadratic, polynomial, rational, exponential, logarithmic, and trigonometric. The course ends with conic sections their graphs and their applications.

**Prerequisite: Successful completion of Honors Algebra II or ACC Algebra II and current Math Teacher's Recommendation and Counselor Recommendation**



# *Math*

## ELECTIVE

### **AP Statistics**

**MAT16**

**1 Credit**

**Grades 11-12**

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students will be required to take the AP Statistics exam.

**Prerequisites: 90 or above in Algebra I Honors or 85 or above in Algebra II Honors or permission from the Department Chair.**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**

# Science

## **Biology ACC**

**SC11**

**1 Credit**

**Grade 9**

This accelerated level course includes a phylogenetic study of the various forms of life from the unicellular level to multicellular level, the manner in which organisms interact, their evolutionary nature, the life processes common to all living organisms and the basic principles of genetics and heredity. Fundamental aspects of scientific inquiry are encouraged both in class discussions and related laboratory investigations.

## **Biology Honors**

**SCI2**

**1 Credit**

**Grade 9**

This honors level course that involves a phylogenetic study of life from the unicellular level to the multicellular level, the manner in which living organisms interact, their evolutionary nature, the life processes common to all living things and the basic principles of genetics and heredity. Laboratory procedures and techniques will accompany topics discussed in classroom. Recommended for the student with a strong aptitude for science or who plans to pursue a science-related career. Related field trips provide the student with access to techniques used in modern biotechnology laboratories.

**Prerequisite: Student selection based upon high school placement test**

## **Chemistry ACC**

**SCI3**

**1 Credit**

**Grade 10**

This course is meant to supply sufficient diversity to meet the needs of the students who are interested in Chemistry-related technological careers. This course will include an introduction to scientific measurement and calculations, concepts, principles and chemical reactions. The course will include both the theoretical and the mathematical approaches to Chemistry, including laboratory procedures and techniques.

## **Chemistry Honors**

**SCI4**

**1 Credit**

**Grade 10**

The major focus of chemistry is on matter and its interactions. Students develop both molecular and sub-atomic models of matter and learn to rely on the periodic table as a powerful model for predicting a wide variety of properties of elements and compounds. Students will consider how structure and composition at sub-atomic scales techniques and apply them to investigations of chemical reactions.

**Prerequisite: Teacher or Counselor Recommendation**

## **Physics ACC**

**SCI5**

**1 Credit**

**Grade 11**

This course is meant to supply sufficient diversity to meet the needs of the students who are interested in science related careers, which may require some background in Physics. This course will provide an introduction to the principles of classical and modern physics, Newtonian and basic quantum mechanics, light and optics. This will be accomplished through classroom discussion and laboratory exercises.

**Prerequisite: Minimum grade of an 80 in Algebra I and Chemistry or by Teacher or Counselor Recommendation**

## **Physics Honors**

**SCI9**

**1 Credit**

**Grade 11**

This course is meant to provide an in-depth study of the principles of classical and modern Physics, Newtonian and basic quantum mechanics, light and optics. This course is highly recommended for students with a strong aptitude of science and mathematics. It will provide a sufficient foundation for students interested in careers in science and/or engineering.

**Prerequisite: Minimum grade of a 70 in Honors Algebra I and Honors Chemistry or Teacher or Counselor Recommendation**







**Innovation Project Design****STEM15****.5 Credits****Grades 10-12**

This course will allow students to explore real world problems in a topic of personal interest, by creating, applying, and communicating solutions. The course involves the completion of independent projects that develop and refine 21<sup>st</sup> Century Learning skills.

## *Social Studies*

### **World Civilization II ACC**

**SOC1**

**1 Credit**

**Grade 9**

Students will study the rise of the nation state in Europe, the French Revolution and the economic and political roots of the modern world. The course of study also includes the origins and consequences of the Industrial Revolution, 19<sup>th</sup> century political reform in Western Europe and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including World War I, the Great Depression, World War II, the Cold War, and the Russian and Chinese revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world.

### **World Civilization II Honors**

**SOC2**

**1 Credit**

**Grade 9**

Students will study the rise of the nation state in Europe, the French Revolution and the economic and political roots of the modern world. The course of study also includes the origins and consequences of the Industrial Revolution, 19<sup>th</sup> century political reform in Western Europe and imperialism in Africa, Asia, and South America. They will explain the causes and consequences of the great military and economic events of the past century, including World War I, the Great Depression, World War II, the Cold War, and the Russian and Chinese revolutions. Finally, students will study the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world. Honors Level courses are distinguished from Accelerated Level by increased emphasis and expectation in essay and research writing, work with and interpretation of primary sources and the use of document-based-questions for more in depth and nuanced study of the period in question.

**Prerequisite: Placement based upon HSPT**

### **U.S. History I ACC**

**SOC3**

**1 Credit**

**Grade 10**

The course covers the early history of America, beginning with the Pre-Colonial and early Colonial periods. Other areas of study will include the Great Awakening, the pre-revolutionary period, the American Revolution, the Constitution, and the growth of our young nation. The course continues through the Civil War and Reconstruction.

### **U.S. History I Honors**

**SOC4**

**1 Credit**

**Grade 10**

The course covers the early history of America, beginning with the Pre-Colonial and early Colonial periods. Other areas of study will include the Great Awakening, the pre-revolutionary period, the American Revolution, the Constitution, and the growth of our young nation. The course continues through the Civil War and Reconstruction. Honors Level courses are distinguished from Accelerated Level by increased emphasis and expectation in essay and research writing, work with and interpretation of primary sources and the use of document-based-questions for more in depth and nuanced study of the period in question.

**Prerequisite: Teacher or Counselor Recommendation**

### **U. S. History II ACC**

**SOC5**

**1 Credit**

**Grade 11**

The course covers a variety of themes in United States History beginning with a review of Reconstruction. Other areas of study include industrialization, immigration, the Gilded Age, Progressivism, American Imperialism, WWI, the Great Depression, WWII, the Cold War, the 1960's, and the modern era.

**U.S. History II Honors****SOC9****1 Credit****Grade 11**

The course covers a variety of themes in United States History beginning with a review of Reconstruction. Other areas of study include industrialization, immigration, the Gilded Age, Progressivism, American Imperialism, WWI, the Great Depression, WWII, the Cold War, the 1960's, and the modern era. Honors Level courses are distinguished from Accelerated Level by increased emphasis and expectation in essay and research writing, work with and interpretation of primary sources and the use of document-based-questions for more in depth and nuanced study of the period in question.

**Prerequisite: Teacher or Counselor Recommendation**

## **Social Studies**

### **ELECTIVES**

**AP African American Studies****SOC10****1 Credit****Grade 10-12**

AP African Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary movement. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

**Prerequisite: Teacher or Counselor Recommendation**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**

**AP Government & Politics: United States****SOC11****1 Credit****Grade 10-12**

U.S. Government and Politics is designed to give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. policies, as well as the analysis of specific examples. It also requires that students become familiar with the various institutions, groups, beliefs and ideas that constitute U.S. politics.

**Prerequisite: Teacher or Counselor Recommendation**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**

**AP U.S. History****SOC12****1 Credit****Grade 11-12**

Juniors who have performed at a high level during their sophomore year will examine the same issues as listed in U.S. History (423) as well as review those topics covered in U.S. History I. Primary sources will be used as well as American Literature and works by modern day American supports and iconoclasts. Skills in a higher order of thinking and research will be developed in order to prepare the student for the A.P. test given in the spring.

**Prerequisite: Teacher or Counselor Recommendation**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**



rise to theories and 3) theories that scholars have offered to explain the prevalence of conspiracy theories in modern American culture. It is designed as a project-based class; rooted in research, presentation skills, and public speaking. It will be broken down into five units: Deaths & Disappearances, Sports, Science & Technology, Economics & Society, and Government, Politics, & Conflict.

**Semester Course**

**Mock Trial**

**SOC18**

**.5 Credit**

**Grades 9-10**

In this Seminar course we will learn the steps of both a civil proceeding and a criminal trial. Students will also develop a fundamental understanding of the evidentiary rules used in court and through supportive and guided practice, learn litigation skills needed to successfully advocate for their clients, including an emphasis on direct and cross examination techniques. This course can help you decide if you would like to pursue a legal career as you start to think about college and possibly law school.

**Terrorism in the 20th & 201st Centuries**

**SOC19**

**.5 Credit**

**Grades 9-12**

This 1 semester course examines the history of state and non-state terrorism in the 20<sup>th</sup> and 21<sup>st</sup>centuries. Students will study the major terrorist motives, political ideology, nationalism, and religion, the groups associated with them, the tactics they have employed, and the methods that may alleviate terrorism.

**Semester Course**

**The 14<sup>th</sup> Amendment: A Constitutional Study H**

**SOC20**

**1 Credit**

**Grade 10-12**

Many legal scholars believe the 14<sup>th</sup> Amendment to be the most important part of the Constitution. This Amendment is the result of the Constitution's "Second Founding" and guarantees many of the legal protections we have today. This course will offer a comprehensive and deep examination of the 14<sup>th</sup> Amendment's equal protection clause, and the list of rights is not complete. We will discuss how these rights change over time, how new rights are added and the impact these rights have on our daily lives. Similarly notable, the 14<sup>th</sup>'s due process clause has been interpreted by the courts in a way that has created new procedural and substantive constitutional rights. We will read the cases which have illuminated the critical language within the Amendment and more importantly, discuss as a class, the numerous ways this Amendment has, and will impact our Country.

**AP Psychology**

**BUS1**

**1 Credit**

**Grades 11-12**

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

**Prerequisite: Teacher or Counselor Recommendation**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**

# *Technology and Engineering*

## ELECTIVES

### **App Creator**

**TECH1**

**.5 Credit**

**Grades 9-12**

App Creators introduces students to the field of computer science and the concepts of computational thinking, through the creation of mobile apps. Students are challenged to be creative and innovative, as they collaboratively design and develop mobile solutions to engaging, authentic problems. Students experience the positive impact of the application of computer science to society as well as other disciplines, particularly biomedical science. The unit provides students opportunities for self-expression. Teams identify a personal or community problem of interest to them that can be solved with a mobile app solution. The problem can address issues such as health and wellness, the environment, school culture, emergency preparedness, education, community service—the options are endless!

### **Semester Course**

### **Intro to Programming**

**TECH2**

**.5 Credit**

**Grades 9-12**

This course is designed for students who want to explore an interest in programming. It aims to provide students with an understanding of the role computation can play in solving problems. Students will be introduced to basic concepts, principles, and skills of programming using different programming languages such as C/C++, Java and Python. Students who complete this course should be able to transition to AP Computer Science **Semester Course**

### **AP Computer Science Principles**

**TECH3**

**1 Credit**

**Grades 10-12**

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

### **Prerequisite: Teacher or Counselor Recommendation**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**

### **AP Computer Science A**

**TECH4**

**1 Credit**

**Grades 11-12**

This college level course emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. Other areas of study will include the development and analysis of algorithms, data structures and standard algorithms and typical applications. This course is intended to serve as an introductory course for people wishing to pursue a degree in computer science and as a course for people who will major in other disciplines that require significant involvement with technology.

**The course prepares the students to take the AP Computer Science A exam.**

**Prerequisite: Completion of Intro to Programming, 90 or above.**

**89 or below requires Teacher or Counselor Recommendation**

**A student cannot drop this class without a consultation with the Counselor/Principal, who will consider extenuating circumstances after the normal add/drop period.**

**ALL STUDENTS TAKING THIS COURSE WILL TAKE THE AP EXAM.**

Ever tried to design something new or draw up an idea you wanted to share with your friends and wondered how you could communicate your idea? Or, have you wondered how someone designed that new MP3 player or sleek new phone? The Introduction to Engineering Design is the course for you. The major focus of the course is learning how to take an idea through a design process that will eventually be manufactured or produced. As you learn about various aspects of engineering and engineering design, such as how engineers communicate through drawing, you will apply what you learn through various activities, projects, and problems. For example, after learning about the different techniques engineers use in determining how to design a product, you and your teacher will have the flexibility to explore the design and engineering processes to solve problems that are of interest to you. The course covers the following:

- Engineering Design Process (the role of an Engineer, the design process)
- Technical Sketching and Drawing and measurement
- Product Design
- Modeling
- Sketching
- Presentation Design and Delivery
- Engineering Drawing Standards
- CAD Drawings

In addition, you will use OnShape, which is a 3D design cloud software, to help you design solutions to different design projects. Working in teams, you will learn about documenting your solutions, solving problems, and communicating your solutions to other students and members of the professional community of engineering and engineering design.

Engineering Design is a required course for Grade 9 students.

**Engineering Design II****STEM11****1 Credit****Grades 10–12**

This course develops student problem solving skills, with emphasis placed upon the concept of developing a 3-D model rendering of an object. Students focus on the application of visualization processes and tools provided by modern state of the art computer hardware and software. This computer-based process replaces the traditional hand-drawing methods. The course will emphasize the design development process of a product and how a model of that product is produced, analyzed and evaluated, using a Computer Aided Design system (CAD). Various design applications will be explored with discussion of possible career opportunities. Students are introduced to the fundamentals of engineering design and drafting through AutoCAD Inventor, a 3-D solid modeling software package. Topics include problem-solving techniques, documentation, working drawings, prototyping, and manufacturing considerations.

**Topic List Course of study includes:**

- Geometric Shapes and Solid, (measurement, statistics and applied geometry)
- Dimensions and Tolerances
- Advanced Modeling Skills and Advanced Designs
- Reverse Engineering – Visual Analysis, Functional Analysis and Structural Analysis
- Product Improvement By Design Marketing
- Graphic Design
- Engineering Ethics
- Engineering Design Ethics
- Design Teams Virtual Design Teams



**Civil Engineering and Architecture**                      **STEM5**                      **1 Credit**                      **Grades 10-12**

A high school level specialization course in the PLTW Engineering Program. In CEA students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

**Engineering Capstone Course**                      **STEM9**                      **1 Credit**                      **Grade 12**

Engineering Capstone is a course for students who have completed any of the high school engineering courses from the St. Mary's High School Program. It consists of participating and submitting a project to one or more high school design competitions.

This course is recommended to students who are interested in any technical career path as the projects students work on can vary with competition type. Students should take Capstone as the final engineering course, because it requires application of the knowledge and skills introduced during the engineering foundation courses. The curriculum focuses on collaborative problem solving, project management and presentation.

This course is not designed to teach additional content, but to empower students to find resources – mentors, subject matter experts, research articles, peers, and teachers – to meet their needs, strengthen their skills, and solve the assigned competition submission requirements.

The course emphasizes teamwork. Given this collaboration, team members leave the course with a broadened skillset and an appreciation for learning from their peers. After carefully defining the design requirements and creating multiple solution approaches, student teams select an approach, create, and test or model their solution prototype. As they progress through the problem-solving process, students work closely with the teacher and continually develop and improve their organizational, communication, and interpersonal skills, creative and problem-solving abilities, and their understanding of the integration of processes such as the design process, experimental design, and the software development process. Students will reflect on their failures throughout the design process and how those led to their eventual successes. At the end of the course, teams submit the project to the respective competition and present and defend their original solution to a school panel.

**Innovation Project Design**                      **STEM15**                      **.5 Credits**                      **Grades 10-12**

This course will allow students to explore real world problems in a topic of personal interest, by creating, applying, and communicating solutions. The course involves the completion of independent projects that develop and refine 21<sup>st</sup> Century Learning skills.

# *Theology*

## **Theology I**

**THG1**

**1 Credit**

**Grade 9**

### **Part 1: Scripture**

The purpose of this course is to give an overview of Sacred Scripture with an introduction to the basic principles for understanding and interpreting the Bible. Because of the extent of the scriptural material, this outline will not try to cover the vast content but rather offer comments about Scripture's purpose and religious significance. Given the limits of a semester of study, it will not be possible to introduce all the books of the Bible here. But every effort is made to project a sense of the unity of the narrative for the divine plan of salvation, the presence of God's action in this record of his Revelation, and his desire to share his merciful love with us.

### **Part 2: Christology (The Study of Christ)**

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.

## **Theology II**

**THG2**

**1 Credit**

**Grade 10**

### **Part 1: Ecclesiology (The Study of the Church)**

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

### **Part 2: Sacraments**

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the Sacraments, and especially through the Eucharist. Students will examine each of the Sacraments in detail so as to learn how they may encounter Christ throughout life.

## **Theology III**

**THG3**

**1 Credit**

**Grade 11**

### **Part 1: Morality**

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students look at the different components of making a moral decision. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples, specifically the Ten Commandments and the Beatitudes.

### **Part 2: Social Catholic Teaching**

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

**Theology IV – Applied Catholic Ethics H THG4 .5 Credit Grade 12**  
The purpose of this course is to help the students understand and recognize the value and dignity of the human person. The course first looks at the gift of life and focuses on an integral humanism. After studying current threats to human dignity and the solutions offered by Christ and His Church, the course concludes by applying the principles of the Church’s Social Doctrine to specific bioethical questions.

**Theology IV ACC - General Philosophy THG9 .5 Credit Grade 12**  
This course is a comprehensive overview of the birth and development of philosophy from the early insights of Socrates, to the writings of Aquinas, Kant, and Descartes. We will explore the process of thinking philosophically, why it is important, and how we make use of it today, culminating in a study of the benefits of philosophy to Catholicism and the pursuit of God in our everyday lives.

**Theology IV ACC – Ecumenism and Interreligious Dialogue THG5 .5 Credit Grade 12**  
In this class, we will be studying the meaning of ecumenism and the importance of interreligious dialogue through looking at a variety of Religions from around the world with a focus on what they share in common but also celebrating and discussing their differences in light of Catholic Church teaching. Religion is a key element to all societies as humankind searches for meaning in life and longs for spiritual satisfaction. Through a comparative study of Christianity, Judaism, Islam, Buddhism, and Hinduism (and others if time permits), we hope to gain a greater appreciation for all faiths and all people who strive for holiness.

**Theology IV ACC - Catholic Leadership in Society THG10 .5 Credit Grade 12**  
The purpose of this course is to guide students in their understanding of society through the example and message laid before us in Jesus Christ. They will examine how the Catholic Church calls us to respond to current day trends, laws, technologies, media and dogma. They will bear witness to our obligation to fully live out the gospel message while answering the call to be leaders in society. They will grow in greater appreciation for the importance of the timeless message of Jesus Christ in an ever-changing societal landscape.

**Theology IV ACC - Peace and Justice in the Modern World THG11 .5 Credit Grade 12**  
The overall goal of this course is to have the students recognize the importance of working toward peace and justice in their daily lives by taking time to study the examples of injustice in the modern world. Using the seven themes of Catholic Social Teaching as a foundation, students will observe the state of peace and justice in the world through the examination of both fictional and historical case studies. Jesus said, “Love one another as I have loved you” (John 13:34). Through the lens of Jesus Christ, who is the source of all peace and justice, and His example of selfless love on the Cross, students will analyze social justice and peace as it exists in the world and as it applies to their own lives. **Semester Course** “If you want peace, work for justice”

- Pope Paul VI

# VIRTUAL HIGH SCHOOL (VHS)

To review the course catalog go to [VHSlearning.org](http://VHSlearning.org) and click on View Course Catalog

## Virtual High School

VHS001

Grades 11 - 12

Students wishing to explore the wide variety of course options available through VHS should make an appointment with their Counselor.

All classes will be credited at the level that is stated under the course listing in the Virtual High School course catalog. Semester courses for Honors and Standard classes selected will be 0.5 credit. Full year and AP Courses selected will be 1 credit.

## St. Mary's Virtual High School (VHS) Policy

### Introduction:

St. Mary's recognizes the importance of offering Virtual High School (VHS) courses to provide students with additional educational opportunities. This policy outlines the guidelines and procedures for enrollment in VHS courses.

### Enrollment Process:

#### 1. Permission from Guidance:

- Students interested in enrolling in a VHS class must obtain permission from the Guidance Department.
- Guidance counselors will assess the student's academic standing and appropriateness for the VHS course.

### Academic Requirements:

#### 2. Minimum GPA:

- Students must maintain a minimum Grade Point Average (GPA) of 3.5 to be eligible for enrollment in a VHS class.

### Enrollment Limitations:

#### 3. Enrollment Limit:

- Students are allowed to take only one full year VHS course per year or one half year VHS course per semester.
- This restriction is in place to ensure students can manage their workload effectively.

## **Binding Nature of Enrollment:**

### 4. Binding Enrollment:

- Once a student is enrolled in a VHS course, the enrollment is binding.
  
- **ADD/DROP must occur within the VHS Add/Drop window to avoid course fees.**
  - **For the 2024 Fall Schedule: Add/Drop must happen by September 10, 2024 to avoid course fees.**
  - **For the 2025 Spring Schedule: Add/Drop must happen by February 4, 2025 to avoid drop fees.**

*If a student chooses to drop the VHS course after the VHS add/drop window closes, the student is responsible for the associated course payment.*

PLEASE NOTE THE VHS ADD/DROP WINDOW DIFFERS FROM THE ST. MARY'S ADD/DROP WINDOW.

# Endorsement Programs


Research shows colleges/universities are more likely to accept students into a specific major if they have transcripts with these classes during their high school career

St. Mary's created three original endorsement programs focusing on the following areas:

- Pre-Law
- Pre-Engineering
- Pre-Medicine

In addition to the coursework listed below, students will have opportunities for experiential learning in each of the areas as well.

## Pre-Law Course of Study



A Catholic college-preparatory school.

Grade	Course of Study	A	B	C
9 <sup>th</sup> Grade	History	MWII ACC or Honors	MWII Honors	MWII Honors
9 <sup>th</sup> Grade	English	ACC or Honors English	ACC or Honors English	ACC or Honors English
10 <sup>th</sup> Grade	History	US I Honors/AP Government	US I Honors/Mock Trial	US I Honors/Constitutional Law/14 <sup>th</sup> Amendment
10 <sup>th</sup> Grade	English	English II Honors	English II Honors	English II Honors
11 <sup>th</sup> Grade	History	AP US or US II Honors/Mock Trial	AP US or US II Honors/AP Government	AP US or US II Honors/Mock Trial
11 <sup>th</sup> Grade	English	Honors English III or AP English Lang	Honors English III or AP English Lang	Honors English III or AP English Lang
12 <sup>th</sup> Grade	History	Constitutional Law/14 <sup>th</sup> Amendment/AP World	Constitutional Law/14 <sup>th</sup> Amendment/AP World	AP Government / AP World
12 <sup>th</sup> Grade	English	Honors English IV or AP Literature	Honors English IV or AP Literature	Honors English IV or AP Literature

- SMH core classes included in this progression are MW I, US I and US II (AP US serves as US II).
- Essential classes in this program would be Constitutional Law, Mock Trial, The 14<sup>th</sup> Amendment: A Constitutional Study and AP US Gov't and Politics.
- AP World would serve as a high-value elective.

# Pre-Engineering Course of Study



	Course of Study	A	B	C	D
9 <sup>th</sup> Grade	Math	Algebra 1 Honors	Geometry Honors	Geometry Honors	Algebra 2 Honors
	Science	Honors/AP Bio	Honors/AP Bio	Honors/AP Bio	Honors/AP Bio
	Elective	Intro to Engineering I	Intro to Engineering I	Algebra 2 Honors	Intro to Engineering I
10 <sup>th</sup> Grade	Math	Geometry Honors	Algebra 2 Honors	AP Pre-Calculus	AP Pre-Calculus
	Science	Honors/AP Chemistry	Honors/AP Chemistry	Honors/AP Chemistry	Honors/AP Chemistry
	Elective	Algebra 2 Honors	Civil Engineering	Intro to Engineering I	Civil Engineering
11 <sup>th</sup> Grade	Math	AP Pre-Calculus	AP Pre-Calculus	AP Calculus	AP Calculus
	Science	Honors Physics	Honors Physics	Honors Physics	Honors Physics
	Elective	Civil Engineering	Honors Stats	Civil Engineering	Honors Stats
12 <sup>th</sup> Grade	Math	AP Calculus	AP Calculus	Advanced Calculus or Dual Enrollment SSU	Advanced Calculus or Dual Enrollment SSU
	Science	AP Physics, AP Chemistry or CS Principles	AP Physics, AP Chemistry or CS Principles	AP Physics, AP Chemistry or CS Principles	AP Physics, AP Chemistry or CS Principles
	Elective	Internship/Capstone	Internship/Capstone	Internship/Capstone	Internship/Capstone

# Pre-Medical Course of Study



	Course of Study	Track 1	Track 2	Track 3
9 <sup>th</sup> Grade	Math	Algebra 1 Honors	Geometry Honors	Algebra 2 Honors
	Science	Biology Honors	Biology Honors	AP Bio
	Elective	Student Choice	Algebra 2	Student Choice
10 <sup>th</sup> Grade	Math	Algebra 2 Honors	Pre-Calculus	AP Pre-Calculus
	Science	Chemistry Honors	Chemistry Honors	AP Chemistry
	Elective	Geometry	Principles of Bio Medical Honors	Principles of Bio Medical Honors
11 <sup>th</sup> Grade	Math	Pre-Calculus Honors	AP Pre-Calculus	AP Calculus
	Science	Honors Physics	Honors Physics	AP Physics
	Elective	AP Chemistry / Principles of Bio Medical Honors	AP Chemistry / Human Systems Honors	Human Systems Honors
12 <sup>th</sup> Grade	Math	AP Calculus	Statistics	Statistics
	Science	AP Biology	AP Biology	Anatomy/Physiology Honors
	Elective	Human Systems Honors / Anatomy/Physiology Honors	Anatomy/Physiology Honors / Psychology	Psychology

## **St. Mary's High School Core Curriculum**

### **Freshman Curriculum – Required to take a minimum of 7 credits**

Algebra I (Honors, ACC) or Geometry (Honors)  
Biology (Honors, ACC)  
English I (Honors, ACC)  
Engineering I  
Theology I (Honors, ACC)  
Spanish I or II (Honors, ACC)  
World Civilization (Honors, ACC)

### **Sophomore Curriculum – Required to take a minimum of 7 credits**

Geometry (Honors, ACC) or Algebra II (Honors, ACC)  
Chemistry (Honors, ACC)  
English II (Honors, ACC)  
Theology II (Honors, ACC)  
Spanish I, II (Honors, ACC)  
U.S. History I (Honors, ACC)

### **Junior Curriculum – Required to take a minimum of 6.5 credits**

Algebra II (Honors, ACC) or Pre-Calculus (AP, Honors, ACC)  
American Literature (Honors, ACC) or AP English Composition  
Physics (Honors, ACC)  
U.S. History II (Honors, ACC) or AP U.S. History  
Spanish II, III, IV (Honors, ACC) optional, but recommend third year of Foreign Language  
Theology III

### **Senior Curriculum – Required to take a minimum of 6 credits**

British & World Literature (Honors, ACC) or AP English Literature  
Statistics & Probability (Honors), Pre-Calculus (AP, Honors, ACC) or Calculus (AP, Honors)

#### **Required to take 2 Theology IV classes - .5 each**

Theology IV-Applied Catholic Ethics H, Theology IV-Ecumenism-Interreligious Dialogue,  
Theology IV-General Philosophy, Theology IV-Catholic Leadership in Society  
Theology IV-Peace & Justice the Modern World

#### **Advanced Placement Courses**

Seminar, English Language, English Literature  
Pre-Calculus, Calculus, Statistics  
Biology, Chemistry, Physics C  
Computer Science Principles, Computer Science A  
U.S. History, African-American Studies, U.S. Government & Politics, World History  
Psychology  
Spanish

Other AP Courses are also available through Virtual High School

Graduation requirement of 26.5 credi