

St. Anne Catholic High School

2017-2018 Course Selection Catalog



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Our Mission

Through the long- standing tradition of Catholic education and a personalized learning experience, we become strengthened by the grace of the Holy Spirit and balanced in our lives. We are empowered to develop our individual identity and become virtuous leaders of society. We are faithful. We are fearless. We are St. Anne.

School Motto

LET IT BE KNOWN TO ALL WHO ENTER HERE THAT CHRIST IS THE REASON FOR THIS SCHOOL, THE UNSEEN, BUT EVER-PRESENT TEACHER IN ITS CLASSES, THE MODEL OF ITS FACULTY AND THE INSPIRATION OF ITS STUDENTS.

Core Value Statement

In keeping with the bountiful tradition of Catholic education, we Inspire Excellence in God's Children by educating the whole person intellectually, physically, emotionally, spiritually, socially, and culturally.

We are St. Anne.

We are Servants.

We are Scholars.

We are Athletes.

We are Artists.

We are Community.

School Philosophy

In keeping with the Vatican's recommendations on Catholic education, we believe that parents are the primary teachers of their children and must be recognized as being responsible for their children's education.

To assist parents in their responsibilities, St Anne School is committed to providing a safe and nurturing environment for the child to achieve his/her personal potential as a human being, a constructive participant in society and member of the Church. We hold in the highest regard the development of the whole child: intellectual, physical, emotional, spiritual, social and cultural dimension of his/her personality. We assert the dignity of each student and celebrate its sources in the love of the Father. We proclaim the Catholic way of life as manifested in Scripture, doctrine, and principles of moral values and practices of faith. We value each member of our school community and foster individual growth in the virtues of faith, hope and love. We believe that each of our students is called to serve humanity and that we are charged with preparing them for this service by providing them with a strong academic foundation, a desire for knowledge and a sense of community.

St. Anne Catholic High School 2017-2018 Course Selection Catalog

To Students and Parents:

The following information has been prepared to aid students in registering for courses and planning their four-year program of study. Necessary information about the general content, length, prerequisites and credits for each course is included.

Please note: *The school reserves the right to adjust offerings based on faculty availability and student interest.*

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General Information

Cumulative Grade Point Average (GPA)

Cumulative grade point average is computed at the end of each semester. All high school classes are used when determining GPA. Honors, AP, and College Credit courses are weighted.

Traditional Graduation Requirements	
Theology	4
English	4
Mathematics	4
Laboratory Science	3
Social Studies	3
Foreign Language	3
Technology	1
Physical Education/ Health	1
Fine Arts	2
Electives	5
Total Required Credits	30

Extracurricular Activities

All students are encouraged to participate in extracurricular activities, whether they are related to school, community, or church. Often, the experience gained by participating in sports, volunteer work, and clubs represent some of the most important learning in high school. Employers and colleges are interested in the school activities in which students have participated. However, it is not the number of activities that is considered important, but those in which the student has continuously participated and demonstrated dedication and leadership.

After-school jobs may have a detrimental effect on a student's academic performance. The school strongly advises students and parents to limit student work hours especially during the week. Time for homework and rest is critically important for success in high school.

St. Anne Catholic School
Silvester Program for Science Leadership

At St. Anne, we believe that STEM (Science, Technology, Engineering, and Mathematics) is essential to create graduates that can think critically and solve problems that are relevant in today’s world. The STEM Program will promote experiential learning through laboratory investigations, projects, and exploration.

Graduates of the St. Anne High School Silvester Program for Science Leadership must meet the following graduation requirements:

Graduation Requirements	
Theology	4
English	4
Mathematics	4
Laboratory Science	3
Social Studies	3
Foreign Language	3
Technology	1
Physical Education/ Health	1
Fine Arts	2
General Electives	1
Silvester-approved Elective	4
Total Required Credits	30

Students will graduate with experience in any combination of the following: Science, Technology, Engineering or Mathematics. After completion of the STEM Program application and acceptance into the program, students will work with his or her Academic Advisor to map the appropriate curriculum. As a part of the programs, students must participate in a STEM related extracurricular program, complete an Advanced Placement level course in a STEM field, and a Senior Capstone project or internship. In addition, students must maintain a 3.0 on a 4.0 scale to continue participation in the program.

St. Anne Catholic School
John Paul the Great Program for the Arts

John Paul the Great Program for the Arts is inspired by John Paul II’s Letter to Artists and is built on the premise that the Arts are essential to the cognitive and spiritual development of the whole person. He writes:

Beauty is a key to the mystery and a call to transcendence. It is an invitation to savor life and to dream of the future. That is why the beauty of created things can never fully satisfy. It stirs that hidden nostalgia for God which a lover of beauty like Saint Augustine could express in incomparable terms: “Late have I loved you, beauty so old and so new: late have I loved you!”.(26)

At St. Anne School we believe that the arts are an essential component to a strong Christian community and developing Catholic hospitality. Arts education originates with the recognition that each of us has the capacity for thinking and living artistically. It is based on the belief that God has endowed each of us with talents and gifts which God expects us to develop and use to the best of our ability. Through our artistic endeavors we become active participants in continuing God’s creation in ourselves and in our society. The JPG program is designed to cultivate the gifts of those who show exemplary talent in the fields of dance, theater, instrumental, vocal, authorship, or fine arts.

Graduates of the John Paul the Great Program for the Arts must meet the following graduation requirements:

Graduation Requirements	
Theology	4
English	4
Mathematics	4
Laboratory Science	3
Social Studies	3
Foreign Language	3
Technology	1
Physical Education/ Health	1
Fine Arts	4
JPG-approved Electives	3
Total Required Credits	30

Students will graduate with a concentration in one of the following: Performing Arts, Fine Arts, or Authorship. Each strand holds specific academic requirements. Upon acceptance into the program, students will work with his or her Academic Advisor to map the appropriate curriculum. In addition, students must maintain a 3.0 on a 4.0 scale to continue participation in the program.

Programs of Study

College Preparatory

At the College-Preparatory level students are able to learn at a moderate, yet challenging pace. Students are prepared to go on to college level work after graduation; however, they may be given more guidance from teachers in preparing papers and other assignments. The curriculum is carefully planned to include courses that encourage success at the post high school level.

Honors Program

The Honors Program is designed to challenge students who excel in particular areas of study. Because the Honors Program requires rigorous study of content, students selected for this program must demonstrate maturity, learn at an accelerated pace, and review/complete assignments with a high degree of independence. The requirements, as listed for individual courses, may include major research projects, multiple assessment instruments, and assignments that are more in-depth and detailed.

Advanced Placement

These college level courses require students to meet high standards for success. They require extensive reading and writing skills at a superior level as well as abilities to analyze, synthesize, evaluate, and create. Students selecting these courses must be highly motivated, self-directed learners. Advanced Placement courses may be a virtual class or a teacher-led class. Only Advanced Placement Courses that have been College Board Approved will be offered.

All students enrolled in AP courses may be required to take the AP exam for that course in May. Each AP exam costs approximately \$93 and students pay before taking the exams during spring semester. Additionally, students scoring a 3, 4, or 5 on AP exams may receive recognition for their test scores from the colleges that students enter after graduation. For some colleges, the recognition is to allow students to skip entry-level courses and enroll in more advanced courses as freshman. For others, college credits are awarded for the AP course taken in high school. Students should check individual college websites for details on how AP test scores are handled. Note: if a student has ordered a test and then later chooses not to participate in the testing session, please be aware that students will be charged a restocking fee of \$13 and no refund given for the original test order.

Dual Credit

Dual Credit courses are currently offered through Belmont Abbey College and York Technical College. These courses are currently taught at St. Anne School by qualified instructors. Students enrolled in Dual Credit courses will receive both high school and college credit for the same course, per the requirements of the respective colleges. A transcript will be provided at the end of the course by Belmont Abbey College or York Technical College. Please see course descriptions for details.

Virtual Courses

For the 2017-18 school year we will offer additional electives via Educere. Educere offers semester-based, self-paced classes that will qualify for high school credit. Educere is accredited by SACS (Southern Association of Colleges and Schools). Students will have scheduled time in the school day to complete these courses, but are responsible for completing these courses independently. The school and parents will receive weekly progress reports directly from Educere and the final course grade will be reflected on the high school transcript.

Educere offers more than 5,000 virtual courses in nearly 40 different subject areas. If you'd like to explore virtual electives:

1. Visit www.educere.net
2. Under Course Finder, please select COMPLETE.
3. Under Education Level, select HIGH SCHOOL.
4. Select your area of interest.

If you are interested in registering for virtual courses please see your Academic Advisor no later than June 1, 2017. The Academic Advisor will give students a course request form that will need to be completed prior to approval. In addition, students will need to receive written approval from the Academic Advisor before registering for any virtual course.

Please note:

1. Parents may be responsible for a portion of the cost of the virtual course. The school will contribute up to \$350 per student, per year. Summer courses are the responsibility of the parent.
2. Not all students will have availability in their schedules for a virtual elective. We will do our best to accommodate your request. The student's application will be reviewed by a team of teachers where the student's GPA, performance in prerequisite courses, prior class performance, and classroom behavior will be taken into consideration.

In this Course Catalog, virtual courses are denoted by a "V" following the course number.



English

General Note: The St. Anne Catholic High School English courses are designed to further enhance the curriculum while continuing to holistically develop each student. Each unit will be connected thematically and contain a literary component, a non-fiction component, an arts component, and a Catholic identity component. At each level the text and the level of analysis and critical thinking will increase.

ENG 100: Speech & Debate

No Prerequisites; Grade 9; .5 credit

This class will introduce the student to fundamental techniques used in effective public speech and presentations. The class will introduce discussions and practice in formulating and structuring clear, effective arguments and counterarguments; achieving effective vocal and postural tones; and studying rhetorical theory and technique from antiquity to the present. Students will also analyze important speeches in history.

ENG 101: English I CP:

No Prerequisite; Grade 9; REQUIRED; 1 Credit

This course offers a thematic approach to the study of literature with equal emphasis on both fiction and non-fiction. Genre study will include analysis of the novel, short story, dramatic readings, and poetry. Non-fiction readings will include essays, periodicals, biographies, autobiographies, and speeches. Students will analyze selections from American, British, and World origins. Each unit of study will include a literature strand, a non-fiction strand, an arts strand and a theology strand. Writing assignments will be a natural outgrowth of this reading and students will be expected to write using a variety of modes and purposes using the mechanics and conventions of the English language. Students will study vocabulary with the purpose of integrating standardized testing strategies while broadening their vocabulary word base.

ENG 102: English I Honors:

Prerequisite: Successful completion of Honors English 8; The current teacher's recommendation based on the individual student's diligence and strength in reading, writing and critical thinking. Grade 9; REQUIRED; 1 Credit.

This course offers a thematic approach to the study of literature with equal emphasis on both fiction and non-fiction. Genre study will include analysis of the novel, short story, dramatic readings, and poetry. Non-fiction readings will include essays, periodicals, biographies, autobiographies, and speeches. Students will analyze selections from American, British, and World origins. Each unit of study will include a literature strand, a non-fiction strand, an arts strand and a theology strand. Writing assignments will be a natural outgrowth of this reading and students will be expected to write using a variety of modes and purposes using the mechanics and conventions of the English language. Students will study vocabulary with the purpose of integrating standardized

testing strategies while broadening their vocabulary word base. As an Honors course, English I Honors will cover more material in greater depth with greater emphasis on student autonomy and the ability to think more critically than those enrolled in a comparable college preparatory course.

ENG 103: Creative Writing I

No Prerequisites; Grades 9-12; 1 credit

The purpose of this course is to enable students to develop and use writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

ENG 201: English II CP:

Prerequisite: Successful completion of English I CP; Grade 10; REQUIRED; 1Credit

This course offers a thematic approach to the study of literature with equal emphasis on both fiction and non-fiction. Genre study will include analysis of the novel, short story, poetry, dramatic readings, and poetry. Non-fiction readings will include essays, periodicals, biographies, autobiographies, and speeches. Students will analyze selections from American, British, and World origins. Each unit of study will include a literature strand, a non-fiction strand, an arts strand and a theology strand. Writing assignments will be a natural outgrowth of this reading and students will be expected to write using a variety of modes and purposes using the mechanics and conventions of the English language. Students will study vocabulary with the purpose of integrating standardized testing strategies while broadening their vocabulary word base.

ENG 202: English II Honors:

Prerequisite: Successful completion of English I Honors; The current teacher's recommendation based on the individual student's diligence and strength in reading, writing and critical thinking. Grade 10; REQUIRED; 1 Credit.

This course offers a thematic approach to the study of literature with equal emphasis on both fiction and non-fiction. Genre study will include analysis of the novel, short story, dramatic readings, and poetry. Non-fiction readings will include essays, periodicals, biographies, autobiographies, and speeches. Students will analyze selections from American, British, and World origins. Each unit of study will include a literature strand, a non-fiction strand, an arts strand and a theology strand. Writing assignments will be a natural outgrowth of this reading and students will be expected to write using a variety of modes and purposes using the mechanics and conventions of the English language. Students will study vocabulary with the purpose of integrating standardized testing strategies while broadening their vocabulary word base.

As an Honors course, English II Honors will cover more material in greater depth with greater emphasis on student autonomy and the ability to think more critically than those enrolled in a comparable college preparatory course.

ENG 301: English III CP:

Prerequisite: Successful completion of English II CP; Grade 11; REQUIRED; 1Credit

This course offers a thematic approach to the study of literature with equal emphasis on both fiction and non-fiction. Genre study will include analysis of the novel, short story, dramatic readings, and poetry. Non-fiction readings will

include essays, periodicals, biographies, autobiographies, and speeches. Students will analyze selections from American, British, and World origins. Each unit of study will include a literature strand, a non-fiction strand, an arts strand and a theology strand. Writing assignments will be a natural outgrowth of this reading and students will be expected to write using a variety of modes and purposes using the mechanics and conventions of the English language. Students will be introduced to argumentative writing and other theoretical devices. Students will study vocabulary with the purpose of integrating standardized testing strategies while broadening their vocabulary word base.

ENG 302: English III Honors:

Prerequisite: Successful completion of English II Honors; The current teacher's recommendation based on the individual student's diligence and strength in reading, writing and critical thinking. Grade 11; REQUIRED; 1 Credit.

This course offers a thematic approach to the study of literature with equal emphasis on both fiction and non-fiction. Genre study will include analysis of the novel, short story, dramatic readings, and poetry. Non-fiction readings will include essays, periodicals, biographies, autobiographies, and speeches. Students will analyze selections from American, British, and World origins. Each unit of study will include a literature strand, a non-fiction strand, an arts strand and a theology strand. Writing assignments will be a natural outgrowth of this reading and students will be expected to write using a variety of modes and purposes using the mechanics and conventions of the English language. Students will be introduced to argumentative writing and other theoretical devices. Students will study vocabulary with the purpose of integrating standardized testing strategies while broadening their vocabulary word base. As an Honors course, English III Honors will cover more material in greater depth with greater emphasis on student autonomy and the ability to think more critically than those enrolled in a comparable college preparatory course.

ENG 401: English IV CP:

Prerequisite: Successful completion of English III CP; Grade 12; REQUIRED; 1Credit

This course is designed to draw on the student's previous writing and critical reading training and to ensure their readiness for the demands of college. Students will be exposed to a variety of rhetorical modes and to a wide spectrum of writing processes. Students will practice generating, developing, writing, and revising ideas into working papers in preparation for the rigors of college writing.

ENG 402: English IV Honors:

Prerequisite: Successful completion of English III Honors; The current teacher's recommendation based on the individual student's diligence and strength in reading, writing and critical thinking. Grade 12; REQUIRED; 1 Credit.

This course is designed to draw on the student's previous writing and critical reading training and to ensure their readiness for the demands of college. Students will be exposed to a variety of rhetorical modes and to a wide spectrum of writing processes. Students will practice generating, developing, writing, and revising ideas into working papers in preparation for the rigors of college writing. As an Honors course, English IV Honors will cover more

material in greater depth with greater emphasis on student autonomy and the ability to think more critically than those enrolled in a comparable college preparatory course.

ENG 403: Honors Language and Composition:

Prerequisite: Successful completion of English III Honors; The current teacher's recommendation based on the individual student's diligence and strength in reading, writing and critical thinking. Grade 11-12; 1 Credit.

Students in this course read and carefully analyze a broad and challenging range of literary selections, deepening their awareness of rhetoric and how language works. Through close reading and frequent writing, students develop their ability to work with language and text with a greater awareness of purpose and strategy while strengthening their own composing abilities. Course readings feature expository, analytical, personal and argumentative texts from a variety of authors and historical contexts. May be taken concurrently with ENG 101DC.

ENG 405: Writing and Rhetoric:

Prerequisite: Successful completion of English III; The current teacher's recommendation based on the individual student's diligence and strength in reading, writing and critical thinking. Grade 12; 1 Credit.

An introductory writing course that includes instruction in practical reasoning and the principles of rhetoric. May be taken concurrently with ENG 101DC.

ENG 501: AP English Language and Composition

Prerequisite: Prerequisite of 90% or higher in English II Honors and instructor's approval; 1 credit

Students in this introductory college-level course read and carefully analyze a broad and challenging range of literary selections, deepening their awareness of rhetoric and how language works. Through close reading and frequent writing, students develop their ability to work with language and text with a greater awareness of purpose and strategy while strengthening their own composing abilities. Course readings feature expository, analytical, personal and argumentative texts from a variety of authors and historical contexts. AP exams are required in May on material covered in this course.

ENG 502: AP English Literature and Composition

Prerequisite: Prerequisite of 90% or higher in English II Honors and instructor's approval; 1 credit

This course is intended to prepare students for the AP Literature and Composition Exam offered in the spring of 2017. This is both a reading and writing-intensive course in which students will practice analytical writing and critical thinking on a daily basis. Students will be studying complex literary works and paying special attention to the work's style, structure and theme, while also absorbing its richness and beauty and understanding its impact on the literary canon. In addition, they will examine a work for more subtle elements such as subtext and underlying ideology. Students will learn how to write timed, thesis-driven essays by arguing about the way the work's literary devices (symbolism, imagery, tone, form, etc.) work together to create the text's meaning.

ENG 101DC (COLL): Dual Credit English Composition I

Prerequisites: Instructor recommendation, GPA of 3.0 or higher, 1 credit (York Tech)

This is a (college transfer) course in which the following topics are presented: a study of composition in conjunction with appropriate literary selections, with frequent theme assignments to reinforce effective writing. A review of standard usage and the basic techniques of research are also presented. This course is offered on campus through York Technical College. Students must be concurrently enrolled in one of the following St. Anne courses: AP Language and Composition, English Composition I Honors, or Writing and Rhetoric. Students must earn a 70 or higher to earn college credit.

English Electives:

ENG 104: Film Appreciation

No Prerequisite: Grades 9-12; ½ credit

Film Appreciation will introduce students to the film industry and history of cinema through the study of classic and contemporary films. Emphasis will be placed on exposing the class to a wide variety of styles and genres as well as formulating and justifying criticisms of the works. Hands-on projects, written analyses and participation in class discussions will be requirements for successful completion of the course.

ENG 105: Journalism

No Prerequisite: Grades 9-12; ½ credit

In this course, students produce news stories, editorials, features, and sports articles as they learn the basics of journalism. The course covers laws and ethics, freedom of the press, and the principles of journalistic writing. Students learn how to generate ideas and conduct interviews. They improve their writing skills by concentrating on properly organizing their ideas and using correct grammar and vocabulary as they compose their articles and assignments. In the process, they learn how to think critically about the main ideas, points of view and bias, validity of sources, and the relevance of the various topics they write about.

ENG 203: Intro to Shakespeare

Prerequisite: Successful completion of English I; ½ Credit; Elective

Students will study the man, his time, and a selection of his most popular plays through in-class reading aloud, and project based learning presentations. Students will develop oral and written expression skills and will work on a variety of expressive and critical forms including public presentation, essays, research essays, and in-class reader's theater.

ENG 204: Intro to Playwriting

Prerequisite: Successful completion of English I; ½ Credit; Elective

Students will be introduced to the basics of dramatic expression and will produce a completed play by the end of the semester in preparation for submission to the Stephen Sondheim playwriting competition in NYC. Students

will learn basic workshopping format, how to deliver constructive critical feedback, and the basics of stage storytelling, as well as learning the professional formatting standards for play submission. Comparisons between writing for stage and screen will be explored. Students will attend one dramatic performance during the semester.

ENG 302: Advanced Creative Writing

Prerequisite: Successful completion of Creative Writing; Grades 9-12; 1 credit

In this course students will learn how to develop ideas into coherent pieces, critically analyze and discuss their own work and the work of their peers, edit their own work and the work of others, and start to identify voice. Students will work independently under the supervision of a faculty member and meet with their peers to workshop at scheduled times.

ENG 303: Advanced Novel Writing

Prerequisite: Successful completion of Creative Writing; Grades 10-12; 1 credit

In this course students will take a skeletal draft and refine it for plot, character, and theme flushing it out as a complete novel. Prerequisites: Advanced Creative Writing and a skeletal novel draft.

ENG 304: Advanced Playwriting

Prerequisite: Successful completion of Intro to Playwriting; ½ Credit; Elective

Students will be introduced to advanced tools of dramatic expression and will produce a completed play by the end of the semester in preparation for submission to the Stephen Sondheim playwriting competition in NYC. Students will continue to refine the workshopping format, how to deliver constructive critical feedback, and stage storytelling, as well as learning the professional formatting standards for play submission. Comparisons between writing for stage and screen will be explored. Students will attend one dramatic performance during the semester.

ENG 404: Advanced Creative Writing: Mechanics

Prerequisite: Successful completion of Advanced Creative Writing; Grades 10-12; ½ credit

In this course students will continue the process of developing ideas into coherent pieces, critically analyze and discuss their own work and the work of their peers, edit their own work and the work of others, and start to identify voice while refining the necessary mechanics for successful writing. Students will work independently under the supervision of a faculty member and meet with their peers to workshop at scheduled times.

STRA 101-9: Introduction to Learning Strategies

Prerequisite: Instructor recommendation; 1/2 credit

Students learn to identify their personal academic strengths and weaknesses. Through a variety of methods, students develop and strengthen areas of weaknesses through reading, writing, and organizational strategies of learning. Pass/Fail.

STRA 101-10: Learning Strategies I

Prerequisite: Instructor recommendation;1/2 credit

Students continue to identify their personal academic strengths and weaknesses. Through a variety of methods, students develop and strengthen areas of weaknesses through reading, writing, and organizational strategies of learning. Pass/Fail.

STRA 101-11: Intermediate Learning Strategies

Prerequisite: Instructor recommendation; 1 credit

Students continue to learn to identify their personal academic strengths and weaknesses. Through a variety of methods, students develop and strengthen areas of weaknesses through reading, writing, and organizational strategies of learning. Pass/Fail.

STRA 101-12: Advanced Learning Strategies

Prerequisite: Instructor recommendation;1/2 credit

Students continue identify their personal academic strengths and weaknesses. Through a variety of methods, students develop and strengthen areas of weaknesses through reading, writing, and organizational strategies of learning. Pass/Fail.



Foreign Language

Students are required to complete three full credits of the same foreign language prior to graduation.

FRCH 101V: French I

No Prerequisite; Grades 9-12; 1 credit; Virtual Class

French I focuses on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

FRCH 201V: French II

Prerequisite: Successful completion of French I; Grades 10-12; 1 credit; Virtual Class

French II focuses on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

FRCH 301V: French III

Prerequisite: Successful completion of French II; Grades 10-12; 1 credit; Virtual Class

French III focuses on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

FRCH 401V: French IV

Prerequisite: Successful completion of French III; Grades 10-12; 1 credit; Virtual Class

French IV focuses on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written

assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

LAT 101V: Latin I

No Prerequisite; Grades 9-12; 1 credit; Virtual Class

Latin I focuses on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

LAT 201V: Latin II

Prerequisite: Successful completion of Latin I; Grades 9-12; 1 credit; Virtual Class

Latin II focuses on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

LAT 203V: Latin III

Prerequisite: Successful completion of Latin II; Grades 10-12; 1 credit; Virtual Class

Latin III class is designed to increase vocabulary and assist students in completion of the corpus of grammar required to read many authentic Latin writings. Students read selections from Caesar, Cicero, Augustus, Pliny, Trajan, and Eutropius. Through the words of these Roman authors, they increase their knowledge of the intricacies of the late Roman Republic and early Roman Empire. Grammatical concepts and Latin vocabulary are reinforced in the context of these selections. The text is *Ecce Romani* with several ancillary readings from Internet sites.

LAT 402V: Latin IV

Prerequisite: Successful completion of Latin III; Grades 10-12; 1 credit; Virtual Class

Latin Literature is a student directed class taught via Internet. Students read authentic works from Latin authors, concentrating in particular on Horace and Catullus. Students interact with the teacher via e-mail and telephone. Agenda, assignments, graded and non-graded activities, quizzes and tests are all posted on the Internet.

MCHN 101V: Mandarin Chinese I

No Prerequisite; Grades 9-12; 1 credit; Virtual Class

In this course, learners will be introduced to the basics of the Chinese language. It ranges from vocabulary, grammar rules, to sentence structures. Learners will understand and use familiar everyday expressions and basic phrases to interact with others. After completion of the course, they will understand and use

familiar everyday expressions and very basic phrases. They will also introduce themselves to others; ask and answer questions about personal details such as where they live, people they know, and things they have. In the second half of the year, students will be challenged to retain previous knowledge, as well as understand more complicated grammar rules and sentence structures. After completion of the course, learners will understand sentences and frequently-used expressions related to introducing yourself, daily life, and family. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters.

MCHN 201V: Mandarin Chinese II

Prerequisite: Successful completion of Mandarin Chinese I; Grades 10-12; 1 credit;

Virtual Class

In this course, learners will be challenged to retain previous knowledge, as well as understand more complicated grammar rules and sentence structures. After completion of the course, learners will understand sentences and frequently-used expressions related to time and weather, in town, and accommodations. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters. In the second half of this course, learners will be challenged to retain previous knowledge, as well as understand more complicated grammar rules and sentence structures. After completion of the course, learners will understand sentences and frequently-used expressions related to going shopping, being invited, and working. Learners will also communicate in simple and routine tasks requiring a simple and direct exchange of information and routine matters.

SPAN 101: Spanish I

No Prerequisite; Grade 8-9; REQUIRED; 1 credit

This course teaches all four language skills: listening, reading, speaking, and writing. This course includes Hispanic culture and history. The acquisition of language and cultural skills will be emphasized.

SPAN 201: Spanish II

Prerequisite: Spanish I; Grade 9-11; 1 credit

This course covers topics of personal interest, likes and dislikes. This course will also produce formal and informal communication, and study tenses in the present, preterit, indicative, as well as expand cultural knowledge through a variety of media.

SPAN 301: Spanish III

Prerequisite: Spanish II; Grade 10-12; 1 credit

This course will continue to strengthen communicative skills (reading, writing, speaking and listening) through further study of the language including but not limited to grammar moods that express the past, present, imperative, progressive and subjunctive tenses. Students will acquire more vocabulary and gain additional knowledge of target cultures.

SPAN 401: Spanish IV

Prerequisite: 91 or higher in Spanish III and recommendation from the Spanish III teacher; Grade 11-12; 1 credit

In addition to elaborating on the skills already acquired, students will focus intensively on their communicative skills by applying the remaining grammar skills, which allow them to express the subjunctive and future tenses as well as those previously introduced. Writing, listening and speaking expressions are vital to the course.

ITA 101V: Italian I

No Prerequisite; Grades 9-12; 1 credit; Virtual Class

In this tutored course, you learn how to greet someone, introduce yourself or your family, express opinions, describe objects, places or situations, order at the restaurant, prepare a famous Italian dessert and other delicious Italian recipes, ask for directions, make a phone call, go shopping, use the simple past, sing in Italian, watch Italian videos and much more!

ITA 201V: Italian II

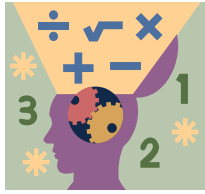
Prerequisite: Successful completion of Italian 1; Grades 9-12; 1 credit; Virtual Class

In this tutored course, you get to know more of Italian culture and you become familiar with Italian topics such as Opera, Art, Cinema and others. You learn how to better express your opinions, understand more complex sentences, make comparisons, narrate a fact with different kinds of past, write a letter, use the future, the conditional, the imperative, pronouns and idiomatic expressions, relate situations, read Italian newspapers, watch Italian videos and visit some recommended Italian websites!

ITA 301V: Italian III

Prerequisite: Successful completion of Italian 2; Grades 9-12; 1 credit; Virtual Class

In this tutored course, you get to know more and more of Italian culture through authentic material. You will learn how to write your resume in Italian, make hypothesis, refine and maintain the language using more complex structures (i.e. subjunctive, direct/indirect construction, active/passive construction...), start handling discussions about theoretical topics, read books and newspapers in Italian, watch Italian videos, visit some recommended Italian websites, listen to the news in Italian!



Mathematics

MATH 101: Algebra I

Prerequisites: Successful completion of Pre-Algebra or placement through testing and Graphing Calculator; REQUIRED; 1 Credit

Topics include variables; grouping symbols; equations, translating sentences into equations; translating problems into equations and solving; the number line; what are opposites; absolute values; adding, subtracting, multiplying, and dividing integers; commutative, associative, distributive, and identity properties; solving equations; exponents; adding, subtracting and multiplying polynomials; transforming formulas; factoring; simplifying algebraic fractions; working with equations in two variables; linear equations, including calculation of slope and writing the equation of a line.

MATH 102: Intermediate Algebra

Prerequisites: Successful completion of Algebra I or placement through testing and Graphing Calculator; 1 Credit

This class will include a review of the fundamental basics from Algebra I including variables; grouping symbols; absolute values; operations with integers; commutative, associative, distributive, and identity properties; solving equations; exponents; adding, subtracting and multiplying polynomials; transforming formulas; factoring; simplifying algebraic fractions; working with equations in two variables; linear equations. It also will include an introduction to Algebra II topics including operations with complex numbers and radical equations.

MATH 201: Algebra II

Prerequisite: Successful completion of Algebra I and Graphing Calculator; REQUIRED; 1 Credit

This class is intended to provide students with foundations in fundamental operations with algebraic expressions, linear and quadratic equations, polynomials, systems of equations, factoring, functions, and solution of linear inequalities, conic sections. This course will include graphing, complex numbers, and solution of radical equations.

MATH 301: Geometry

Prerequisite - Successful completion of Algebra I and Graphing Calculator; REQUIRED; 1 Credit

Includes the basic elements of geometry: terminology, reasoning, proofs, angles, perpendicular and parallel lines, congruent triangles, triangle inequalities, polygons, similarity, right triangles, trigonometry, circles and spheres, area and volume, the coordinate plane, transformations, and tessellations. This course also emphasizes critical thinking, problem solving strategies, and the use of technology throughout the course.

MATH 401: Pre-Calculus

Prerequisite: Successful completion of Algebra II and Graphing Calculator; ELECTIVE; 1 Credit

This course seeks to develop students' critical thinking skills. These skills are necessary to investigate and relate concepts in order to come to new conclusions and insights. The study of the defining characteristics of the following functions and their application to problem solving, comprise the basic content of the course: linear, step and periodic functions, piecewise functions, absolute value, fractions, polynomial and rational functions, composites, inverse functions, exponential, logarithmic, and trigonometric functions.

MATH 402: Probability & Statistics

Prerequisites: Successful completion of Algebra II and Graphing Calculator; 1 Credit

Students learn counting methods, probability, descriptive statistics, graphs of data, statistical inference, and linear regression. Technology plays an important role in statistics and probability by making it possible to generate plots, regression functions, and correlation coefficients, and to simulate many possible outcomes in a short amount of time. Students will regularly apply the tools of technology including the graphing calculator and computer to solve problems. They will be challenged through critical thinking exercises and participate in various group and individual activities that will enhance their mathematical reasoning ability and communication skills. Students are expected to use the information and technology in various ways in real world applications.

MATH 501: Honors Differential Calculus

Prerequisite: Successful completion of Pre-Calculus and recommendation from current Math teacher and Graphing Calculator; 1 Credit

An introduction to the calculus of one variable and techniques used to solve problems in a variety of disciplines. The course will provide prerequisite material for a continued study of calculus and other mathematics. Topics will include: limits, continuity, the definition of the derivative, techniques of differentiation, graphing, maximum/minimum, related rate problems, and L'Hopital's Rule.

MATH 502: AP Calculus AB

Prerequisites: Prerequisite of 85% or better in Honors Differential Calculus and Instructor's approval and Graphing Calculator; 1 Credit

A continuation of the calculus in one variable. Methods from Honors Differential Calculus, in addition to new techniques, will be applied to the study of integration and differential equations. Specific topics include: definite integrals, the fundamental theorem of calculus, logarithmic functions, exponential functions, other transcendental functions, applications of integration, techniques of integration, elementary differential equations, and conic sections. Daily preparation is required for success Calculus AB. This course fulfills the requirements for preparation for Advanced Placement Calculus AB exam.



Performing Arts

Additional classes will be added based on need and student interest.

MUS 101: Music Theory and Harmony I

Prerequisites: full year of piano or band; Grades 9-12; ELECTIVE; ½ credit

This course is for very interested students who are looking to take band a step further and delve into understanding chords, key signatures, melodic and rhythmic patterns, and aural skills (ear training).

MUS 102: Guitar I

No Prerequisites; Grades 9-12; ELECTIVE; ½ credit

This is an elective course for students wishing to learn music fundamentals and guitar. The course will focus on learning to read music (lead sheets) and guitar techniques, styles, interpretation, and performance. Prior musical knowledge is NOT required, but participants MUST SUPPLY their own guitars. A text book and a staff paper book are also required.

MUS 103: Piano Lab

No Prerequisites; Grades 9-12; ELECTIVE; ½ credit

This course is an introduction to piano keyboard skills for up to six students per class. Students will learn the layout of the piano keyboard, and learn music notation as it relates to piano performance. Students will also explore the history of the piano, and its significance in our musical culture. Prior musical knowledge is NOT required, but participants MUST SUPPLY their own keyboards.

MUS 104: Music Appreciation

No Prerequisites; Grades 9-12; ELECTIVE; 1 credit

This course will provide instruction in the elements of music and music from the Renaissance to the late Twentieth-Century. It will introduce the student to some of the basic fundamental of music and focus on classical music forms of instrumental and vocal music.

MUS 201: Mixed Small Ensemble

Prerequisites: minimum of 1 year prior experience on a band or string instrument (NOT PIANO) and teacher recommendation; Grade 9-12; ½ credit

This will be a select group looking at music from different genres, especially classical, at a more challenging level.

MUS 202: Beethoven to Berlioz

No Prerequisites; Grades 9-12; ELECTIVE; ½ credit

Music History and Performance Class studying the lives of the Classical through The Romantic Composers.

MUS 203: From the Planets to Star Wars

No Prerequisites; Grades 9-12; ELECTIVE; ½ credit

Study of composer Gustav Holst and his influence on 20th Century composers with focus on John Williams.

MUS 204: Music Theory and Harmony II

Prerequisite: Successful completion of Music Theory I; Grades 9-12; ½ credit

A course in theoretical rudiments for high school students. Topics will include notation of pitches in the treble, bass and C clefs, scales and modes, rhythmic notation in simple and compound meter, transposition, intervals, triads and four-note chords and an introduction to first species counterpoint, with correlated ear training

MUS 304: Music Theory and Harmony III

Prerequisite: Successful completion of Music Theory II; Grades 9-12; ½ credit

A course in theoretical rudiments for high school students. Topics will include notation of pitches in the treble, bass and C clefs, scales and modes, rhythmic notation in simple and compound meter, transposition, intervals, triads and four-note chords and an introduction to first species counterpoint, with correlated ear training

MUS 305V: Music Production Specialization

No Prerequisites; Grades 9-12; ELECTIVE; 1 credit; Virtual Class

This course will give you the knowledge and tools you need to record and produce professional sounding music. You will begin by developing your identity, vision, and intention as an artist and producer. Next, you will learn the technical aspects of music production, including how sound is translated into audio signals, recording techniques, and effects such as reverb, delay, and compression. You will also learn how to use the industry standard Digital Audio Workstation, Pro Tools, to create professional recordings. Finally, you will apply the knowledge and tools you gained in a culminating 4-week Capstone where you will complete a project beginning at the pre-production stage through the recording, mixing, and mastering stages.

MUS 404: Music Theory and Harmony IV

Prerequisite: Successful completion of Music Theory III; Grades 9-12; ½ credit

A course in theoretical rudiments for high school students. Topics will include notation of pitches in the treble, bass and C clefs, scales and modes, rhythmic notation in simple and compound meter, transposition, intervals, triads and four-note chords and an introduction to first species counterpoint, with correlated ear training

DRA 101: Intro to Drama

Prerequisite: Successful completion of English I; ½ Credit; Elective

Students will study the western drama from the Greeks to present day through in-class reading aloud, and project based learning presentations. Students will develop oral and written expression skills and will work on a variety of expressive and critical forms including public presentation, essays, research essays, and in-class reader's theater. Students will also be introduced to non-Western dramatic traditions and perform some basic comparative analysis between the West and non-Western traditions.

DRA 102: ART Set Design:

Prerequisites: Art I and Drama I; Grade 10-12; Semester; Offered in Fall Semesters Only; .5 credit

Students will work to support various plays and musicals on campus with set design and building support.

DRA 103: Intro to Performance

Prerequisite for Acting Courses. ½ Credit; Elective

Students will be introduced to performance on stage through basics in movement and voice and will explore the public presentation of self, improvisational theater, interview skills, public speaking, and developing physical and vocal confidence. We will explore the spectrum of “performance” from performance in everyday life up to and including formal performance forms such as acting, dance, and singing.

DRA 104: Introduction to Theater Production

No prerequisite; ½ Credit; Elective

Students will learn the fundamentals of stage production including literary, marketing, stage craft, stage management, production management, and design. Students will all be assigned to work in their chosen concentration on the fall production.

DRA 105: Intro to Theater History

Prerequisite: Successful completion of English I; 1 Credit; Elective

Students will study Western theatrical traditions from Greeks to present day studying how design, drama, and performance styles and techniques have evolved in a project-based learning environment. Students will develop oral and written expression skills and will work on a variety of expressive and critical forms including public presentation, essays, research essays, and in-class discussion.

DRA 106: Acting I

No Prerequisite; Grades 9-12; ½ credit

In this class students will learn the basic skills needed to play a role in a play. Students will be expected to learn and use basic acting terminology, memorize text, inquire into the history of acting, and will be introduced to basic movement and voice for actors. Students will be expected to take quizzes, keep an actor's journal, and perform monologues and scenes in class. *Course may be taken for honors credit based on instructor recommendation.*

DRA 107: Acting II

Prerequisite: Successful completion of Acting I; Grades 9-12; ½ credit

Acting 2 picks up where Acting 1 leaves off, moving into a more in depth survey of approaches to acting. Students will continue their development in dramatic movement and voice production and will be expected to take quizzes, keep an actor's journal, and perform monologues and scenes in class. *Course may be taken for honors credit based on instructor recommendation.*

DRA 108: Acting III

Prerequisite: Successful completion of Acting 1; Grades 10-12; ½ credit

Acting 3 picks up where Acting 2 leaves off, moving into a more in depth survey of approaches to acting. Students will continue their development in dramatic movement and voice production and will be expected to take quizzes, keep an actor's journal, and perform monologues and scenes in class. *Course may be taken for honors credit based on instructor recommendation.*

DRA 109: Acting IV

Prerequisite: Successful completion of Acting 1; Grades 11-12; ½ credit

Acting 4 picks up where Acting 3 leaves off, moving into a more in depth survey of approaches to acting. Students will continue their development in dramatic movement and voice production and will be expected to take quizzes, keep an actor's journal, and perform monologues and scenes in class. *Course may be taken for honors credit based on instructor recommendation.*

DRA 205: Introduction to Dramatic Literature

No Prerequisite; Grades 9-12; ½ credit

In this mandatory course for students enrolled in the Performing Arts and Creative Writing programs, students will examine dramatic literature as a distinct form of literary text meant to inspire live performance. In order to understand the basics of dramatic structure we will interrogate examples from the history of the form and read selections from dramatic theory texts. Students will be expected to read plays, attend live performances, view video performances, and write critically responsive essays.

DRA 206: Introduction to Dramatic Literature II

No Prerequisite; Grades 9-12; ½ credit

In this mandatory course for students enrolled in the Performing Arts and Creative Writing programs, students will further examine dramatic literature as a distinct form of literary text meant to inspire live performance. In order to understand the basics of dramatic structure we will interrogate examples from the history of the form and read selections from dramatic theory texts. Students will be expected to read plays, attend live performances, view video performances, and write critically responsive essays.

DRA 209: Intro to Vocal Performance

No Prerequisite; Grades 9-12; .5 credit

Students will combine private vocal instruction with learning strategies for rehearsal technique that can be applied across musical endeavors. Students will complete 2-3 vocal selections and will perform them in a live setting before the end of the semester.

DRA 210: Vocal Performance II

No Prerequisite; Grades 9-12; .5 credit

Students will combine private vocal instruction with learning strategies for rehearsal technique that can be applied across musical endeavors. Students will complete 2-3 vocal selections and will perform them in a live setting before the end of the semester.

DRA 211: Voice I

No Prerequisite; Grades 9-12; 1 credit

Voice I will lay the foundations for building a strong, expressive voice for the actor. Students will start with breath work, building up to vocalizing and articulation. Students will learn exercises that they can practice at home daily to work towards increased projection, awareness of resonance and placement of the voice. Students will learn basic anatomy for breath and voice to understand the mechanics of the exercises, creating a foundation for visualization necessary for producing dynamic, powerful vocal choices. Combining the techniques of Patsy Rhodenburg, Cecily Berry and John Barton, students will apply their knowledge to Shakespeare's verse. Articulation lessons will teach students how to listen to and diagnose problems in a person's speech and will begin to tune the ear to better hear sounds for future dialect and accent work.

By the end of the semester, students will have created a vocal warm-up for themselves and will be able to analyze Shakespeare's verse for clues for strong vocal choices.

DRA 212: Voice II

No Prerequisite; Grades 9-12; 1 credit

Voice II will build on students' knowledge of the voice and deepen work on articulation, as well as begin work with dialects and accents and work with the voice for different theatrical styles, including Shakespeare and Restoration theater. Through monologue and scene work, students will explore applications of this knowledge through presentations and discussions with their classmates. Students will learn the basics of American phonetics so that they can score accents and dialects. They will explore resources that actors have for learning different dialects and accents. Lessons in good vocal health will also prepare students for the many demands placed on the professional actor.

By the end of the semester, students will have a strong knowledge of how to make vocal choices for different classical theater styles and how to learn a dialect or accent for a character.



Physical Education

Additional classes will be added based on need and student interest.

PE 101: Total Fitness

No Prerequisite; Grades 9-10; REQUIRED; .5 Credit

The goal of this course is to introduce students to fitness and conditioning through physical education with an emphasis on gross motor skills. These skills are important in most physical activity as well as in life in general. Other areas covered, but not limited to, include: teamwork, listening skills, cardiovascular endurance, flexibility, and an introduction to strength training and the Presidential Fitness Program.

HEA 101: Personal Health

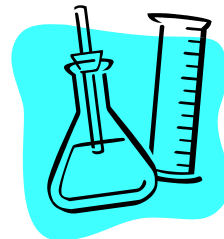
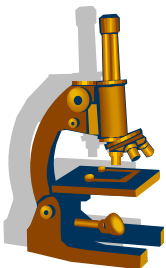
No Prerequisite; Grades 9-10; REQUIRED; .5 Credit

The goal of this course is to guide students to an understanding and appreciation for the importance of living healthy lives. Topics that will be covered include but are not limited to diet and nutrition, drug and alcohol awareness, personal hygiene, and total conditioning.

HEA 102V: Health Life Management

No Prerequisite; Grades 9-10; REQUIRED; .5 Credit

The course concentrates on the principles of being healthy and focuses on physical development, mental and emotional stress, relationships, substance awareness, social disease awareness, and personal safety. Students develop critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living.



Science

SCI 101: CP Biology I

Prerequisite: successful completion of Science 8; Grade 9; REQUIRED for Non-honors sequence; 1 credit

This course is a laboratory science designed to give students a basic understanding of the fundamental principles of Biology. This course includes the study of cellular structure and function, cellular processes, genetics, ecology, and geologic time. This course also emphasizes problem solving and decision-making.

SCI 102: Honors Biology I

Prerequisite: 85 or higher in Science 8 and recommendation from current Science teacher; Grade 9; REQUIRED for Honors sequence; 1 credit

This course is a laboratory science designed to give students a thorough understanding of the fundamental principles of Biology. This course is similar to CP Biology I; however, the topics are studied in greater detail. It also includes additional writing assignments, research projects, and laboratory investigations. This course includes the study of biochemical building blocks, cellular structure and function, cellular processes, genetics, ecology, and geologic time. This course also emphasizes problem solving and decision-making.

SCI 103: Intro to Cognitive Neuroscience

Prerequisite: Successful completion of English I; Grades 11-12; 1 Credit; Elective

Students will study that material basis of thought, learning, perception, reasoning, and language through basic neuroanatomy. Students will continue to develop oral and written expression skills and will work on a variety of writing including a science journalism piece, final research project that will guide students through the writing of a strong, supported piece of science research writing.

SCI 201: CP Chemistry I

Prerequisite: successful completion of CP Biology I and Algebra I; Grade 10-11; REQUIRED for Non-honors sequence; 1 credit

This course is a laboratory science that provides an introduction to the basic concepts of atomic structure and nuclear processes, periodic relationships, chemical compounds and reactions, phases of matter and chemical solutions. This course also emphasizes problem solving and decision-making.

SCI 202: Honors Chemistry I

Prerequisite: successful completion of Honors Biology I and recommendation from Biology I teacher OR and 85 or higher in Algebra I and recommendation from Algebra I teacher; Grade 10-11; REQUIRED for Honors sequence; 1 credit

This course is a more rigorous laboratory science that provides an introduction to the basic concepts of atomic structure and nuclear processes, the periodic

table of elements, chemical compounds and reactions, stoichiometric calculations, phases of matter and chemical solutions. This course is similar to CP Chemistry I; however, the topics are studied in greater detail. It also includes additional writing assignments, research projects, and laboratory investigations. This course also emphasizes problem solving and decision-making.

SCI 301: CP Biology II

Prerequisite: successful completion of CP or Honors Biology I; Grade 10-12; 1 credit

This course is a laboratory science that teaches important biological and scientific concepts by emphasizing problem solving and decision-making. Students will spend part of their class time involved in activities, which offer experiences in laboratory investigation and scientific inquiry. The major concepts covered in this course include the six-kingdom system of living organisms (archaea, bacteria, protists, fungi, plants, and animals), the organization of living systems, behavior, and regulation.

SCI 301H: Honors Biology II

Prerequisite: successful completion of CP or Honors Biology I; Grade 10-12; 1 credit.

This course is a laboratory science that teaches important biological and scientific concepts by emphasizing problem solving and decision-making. Students will spend part of their class time involved in activities, which offer experiences in laboratory investigation and scientific inquiry. The major concepts covered in this course include the six-kingdom system of living organisms (archaea, bacteria, protists, fungi, plants, and animals), the organization of living systems, behavior, and regulation. This course is similar to CP Biology II; however, the topics are studied in greater detail. It also includes additional writing assignments, research projects, and laboratory investigations.

SCI 302H: Honors Physics

Prerequisite: successful completion of CP or Honors Biology I and teacher recommendation; Grade 10-12; 3rd SCIENCE RECOMMENDED FOR SCIENCE/MATH MAJORS; 1 credit

This course is recommended for students that plan on pursuing a Science or Math major in college. This course is a laboratory science that includes the study of mechanics and thermodynamics, wave motion, optics, sound, electromagnetism, nuclear and atomic physics, laws of conservation of mass, energy, and momentum, and the gas laws.

SCI 303: Marine Science

Prerequisite: CP or Honors Biology I; Grade 10-12; ELECTIVE; 1 credit

This course is an introduction to marine science. The topics covered in this course include the physical and chemical properties of the marine environment and the biology and interrelationships within the oceans. This course provides numerous opportunities to guide students toward developing scientific literacy and critical thinking skills, and to promote exploration of scientific processes through active participation in research, experimentation, dissection, and decision-making. This course will provide students with a comprehensive understanding of marine biology and ecology, marine geology, and oceanography in preparation for introductory marine courses at the college

level. **This course cannot be counted as one of the three Science credits needed to graduate.**

SCI 304V: Environmental Science

No Prerequisites; Grades 9-12; ELECTIVE; 1 credit; Virtual Class

This course enables students to develop an understanding of natural and man-made environments and environmental problems the world faces. Students explore environmental science concepts through an inquiry-based approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Earth Systems, The Living World, Human Population, Water and Land Resources, Energy Resources and Consumption, Pollution and Waste Production, Global Change, and Civic Responsibility. **This course cannot be counted as one of the three Science credits needed to graduate.**

SCI 305V: Earth Science

No Prerequisites; Grades 9-12; ELECTIVE; 1 credit; Virtual Class

This course explores origins and the connections between the physical, chemical, and biological processes of the earth system. Students experience the content of Earth Science through inquiry-based laboratory investigations and focus on topics associated with matter, energy, crystal dynamics, cosmic evolution, and structure, cycles, geochemical processes, and the expanded time scales needed to understand events in the earth system. Earth Science provides the knowledge, skills, and habits of mind needed for problem solving and ethical decision making about scientific and technological issues. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for the Universe, Energy in the Earth System, Cycles in the Earth System, and Geologic History. **This course cannot be counted as one of the three Science credits needed to graduate.**

SCI 501: AP Biology

Prerequisite: successful completion of 3 Science credits and 80% or better in Biology Honors or a 95% or better in Biology with Instructor's approval; Grade 11-12; ELECTIVE; 1 credit; Must be taken concurrently with Science 502: Biology Lab

This course engages in an in-depth study of the principles of biology. This course emphasizes internal and external anatomical structures and their functions, the environmental interaction of organisms, processes of living things, mechanisms that maintain homeostasis, biodiversity and changes in life forms over time. Students explore biological concepts through an inquiry approach. Embedded standards for inquiry, technology and engineering, and mathematics are taught in the context of the content standards for cells, interdependence, flow of matter, energy, heredity, biodiversity change, comparative anatomy, physiology and botany. Students will also be introduced to the theme of modern environmental and social concerns through biology via online journal articles.

NOTE THAT STUDENTS WHO ENROLL IN AP BIOLOGY MUST BE WILLING TO COMPLETE A PACKET OF COURSE WORK OVER THE SUMMER (THE EQUIVALENT OF ABOUT FIVE HOURS OF READING AND STUDYING),

PRIOR TO THE START OF THE SCHOOL YEAR. STUDENTS WILL BE HELD ACCOUNTABLE FOR THIS WORK THROUGH ASSESSMENT DURING THE FIRST FEW OF WEEKS OF SCHOOL AS WELL AS ON THE MIDTERM EXAM.

SCI 502: Biology Lab

Prerequisites: This course MUST be taken concurrently with Science 501 AP Biology, and is the laboratory application of advanced biological investigations. In-depth reports and independent analysis are critical to student success in the AP Biology curriculum. Students in AP Biology will earn 2 credits.

SCI 201V: Forensic Science

No Prerequisite; Grades 9-12; .5 credit; Virtual Class

Fingerprints. Blood spatter. DNA analysis. Discover how clues and data are recorded and preserved, and examine some of the basic scientific principles that guide forensic laboratory processes like DNA testing, toxicology, and material analysis. This course focuses on techniques and practices used by forensic scientists during a crime scene investigation (CSI).

SCI 500: STEM

Prerequisite: Instructor's approval; ELECTIVE; 1 credit

This course offers an in-depth study of STEM practices and fields while assisting in the development of a high school STEM program. Participants will design lessons around common math, science, and engineering core practices to allow students to make connections across these disciplines in order to cultivate scientific habits of mind and to understand how engineering and technologically-based solutions are developed.



Social Studies

SOC 101: Far Eastern Civilizations

No Prerequisites; Grades 9-12; Elective; .5 credit

This course focuses on China, Japan, and Mongolia. This course will also include the development of modern countries such as Korea, Eastern Russia and other Far Eastern Asian countries.

SOC 104V: World Geography

No Prerequisites; Grade 9-12; Elective; 1 Credit; Virtual Class

World Cultural Geography is a humanities course that introduces students to the variety of lifestyles, ideas, beliefs, and identities that exist within our world. In addition to exploring regional differences around the globe, students will also learn how cultural identity developed from the past to the present by overcoming geographical barriers such as mountain ranges & water systems. Cultural transmission & diffusion, technological progress & exchange, necessity & invention are some of the concepts that will be explored by students in this course to gain an appreciation for their culturally diverse world.

SOC 105: Ancient Eastern and Western Philosophy

No Prerequisites; Grade 9-12; Elective; ½ Credit

In this course students will learn how to develop ideas into coherent pieces, critically analyze and discuss their own work and the work of their peers, edit their own work and the work of others, and start to identify voice. Students will work independently under the supervision of a faculty member and meet with their peers to workshop at scheduled times.

SOC 201: CP Global History

No Prerequisite; Grade 9-10; 1 Credit

In this course, students will develop an understanding of the historical roots of current world issues. Students will investigate the major turning points that shaped the modern world, from the late eighteenth century through the present. Key military campaigns, social movements, political ideologies, and economic shifts will be studied. Emphasis will be placed on critical thinking skills as students evaluate modern implications resulting from the significant events. This course will be offered every other year.

SOC 202: Honors Global History

Prerequisite: Teacher recommendation; Grade 9-10; 1 Credit

In this course, students will develop an understanding of the historical roots of current world issues. Students will investigate the major turning points that shaped the modern world, from the late eighteenth century through the present. Key military campaigns, social movements, political ideologies, and economic

shifts will be studied. Emphasis will be placed on critical thinking skills as students evaluate modern implications resulting from the significant events. This Honors course will require more in-depth research and writing. This course will be offered every other year.

SOC 203: Introduction to Psychology

Prerequisite: None; Elective; Grade 9-12; 1 Credit

This elective course offers students the opportunity to engage in an interdisciplinary study of the functioning of the human mind. Various psychological theories are studied as the human personality and personality disorders are explored. Approaches to counseling and styles of psychotherapy are examined, and the impact of human ways of thinking and of personality disorders on social policy are considered.

SOC 204: The Big History Project

Prerequisite: None; Elective; Grade 9-12; 1 Credit

By sharing the big picture and challenging students to look at the world from many different perspectives, we hope to inspire a greater love of learning and help them better understand how we got here, where we're going, and how they fit in. BHP is like nothing else. But if you had to categorize it, you could say it's a social studies course that runs on jet fuel. Co-created by teachers, students, curriculum experts, and a dedicated team of tech developers, BHP was inspired by the work of David Christian and is supported by Bill Gates. The fundamental goal is to provide a world class, ready-for-the-classroom resource available to everyone, everywhere.

SOC 301: US History CP

No Prerequisites; Grades 11; REQUIRED; 1 Credit

Students in this course will concentrate on the growth of the United States from the settlement of North America by natives to the 21st Century. The course will focus on the development of American identity over the course of its history, the causes and effects of American expansionism, and the impact of foreign policy decisions made by the United States on the global community. Particular attention will be given to the integration and analysis of primary sources as a method of historical inquiry.

SOC 302V: Psychology & Sociology

No Prerequisites; Grades 11-12; ELECTIVE; 1 Credit; Virtual Class

This is a survey course with an introduction to the main theories, methods, and principles of psychology and sociology. Topics will include a brief history of psychology and sociology, human development, personality, abnormal behavior, social psychology, feelings and emotions, learning and memory, sleep and dreams, and research methodologies.

SOC 303V: Anthropology I

No Prerequisites; Grades 11-12; ELECTIVE; 1 Credit; Virtual Class

This course examines family and kinship, religion, economics, politics, survival of indigenous groups, and Western influences from an anthropological perspective to gain appreciation for cultural and ethnic diversity. Students gain

an understanding of the differences and similarities, both biological and cultural, in human populations and recognize the characteristics that define their own culture while gaining an appreciation for the culture of others.

SOC 401: CP American Government

Grade 12; Co-requisite: Economics; REQUIRED; .5 Credit

This course enables students to explore the historic origins and evolution of political philosophies into contemporary political and legal systems, while considering Supreme Court decisions. Constitutional structure and the processes of the legislative, executive, and judicial branches of the national, state, and local levels of government are examined. Students learn to draw conclusions about the impact and interrelationships of history, geography, and economics upon our system of government. They also learn to demonstrate an understanding of the governmental structures of the United States and other political systems, as well as the relationship of American government to world affairs. Students learn to analyze the roles of individuals and groups in the political process by identifying and analyzing political issues.

SOC 402: Honors American Government

Prerequisite: Teacher Recommendation or successful completion of AP U.S. History, Co-requisite: Economics; Grade 12; .5 Credit

This course enables students to explore the historic origins and evolution of political philosophies into contemporary political and legal systems, while considering Supreme Court decisions. Constitutional structure and the processes of the legislative, executive, and judicial branches of the national, state, and local levels of government are examined. Students learn to draw conclusions about the impact and interrelationships of history, geography, and economics upon our system of government. They also learn to demonstrate an understanding of the governmental structures of the United States and other political systems, as well as the relationship of American government to world affairs. Students learn to analyze the roles of individuals and groups in the political process by identifying and analyzing political issues. This course will require more in-depth research and writing.

SOC 403: Economics

Grade 12; Co-requisite: U.S. Government; REQUIRED; ½ Credit

In this course of Economics, a social science, students will use data to analyze, interpret and predict behavior. This vocabulary will be applied specifically to economics to explain, describe, and predict how the interaction of supply and demand sets prices for goods and services in product markets and wage prices in factor markets. It will examine domestic vs global markets, free markets, allocation of goods, services, labor and government regulations. Content further includes gross domestic product (GDP), Consumer Price Index (CPI), the role of the Federal Reserve and the stock market. In addition, students will learn the basics of sound personal finance. Case studies and oral presentations are required.

SOC 404: Art History Honors

No Prerequisites; Grades 9-12; ELECTIVE; 1 Credit

The Art History course explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

SOC 501: AP U.S. History

Prerequisite: 85% in World History Honors or Instructor Recommendation; Grade 11; 1 Credit

The AP American History course is designed to explore specific areas in U.S. history and use a wider range of analytical techniques to gain a better understanding of how culture, ideas, technology, beliefs, and knowledge are transmitted from one era to another, and from generation to the next. Students within the AP course will be expected to approach the subject of American History with a greater degree of academic diligence, by being current with all readings and assignments & integrating ideas and concepts learned in previous history classes.

SOC 502: AP Art History

No Prerequisites; Grades 9-12; ELECTIVE; 1 Credit

The AP Art History course is equivalent to a two-semester introductory college course that explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. Students are required to take the AP exam to receive AP credit.

SOC 528: US History Honors

Prerequisite: Teacher recommendation; Grade 11; 1 Credit

Students in this course will concentrate on the growth of the United States from the settlement of North America by natives to the 21st Century. The course will focus on the development of American identity over the course of its history, the causes and effects of American expansionism, and the impact of foreign policy decisions made by the United States on the global community. Particular attention will be given to the integration and analysis of primary sources as a method of historical inquiry. In addition, students will be expected to complete additional reading and writing in this honors-level class.

SOC 563V: Human Behavior

No Prerequisites; Grades 9-12; ELECTIVE; 1 Credit

This course is designed to introduce students to the basic concepts and theories that contribute to our understanding of human behavior. Lessons in this course focus on how an individual's thoughts influence their actions. Students will also explore how people use their mental processes to learn, solve problems, and face the challenges of their daily lives.

SOC 601: Introduction to Philosophy

No Prerequisites; Grades 9-12; ELECTIVE; 1 Credit; offered in alternating years

This course will provide a birds eye view of the history of philosophy and conduct select in-depth inquiries applying philosophical methodologies. Students will become familiar with the approaches and questions of philosophy and learn to transfer the critical thinking philosophy develops to other fields of inquiry. (Available for honors credit at request and teacher recommendation.)

SOC 602: Caravaggio, Michelangelo and Bernini

No Prerequisites; Grades 9-12; ELECTIVE; .5 Credit; offered in alternating years

This course will focus on the major artistic achievements of the artists Caravaggio, Michelangelo and Bernini. The course will discuss the major artistic movements associated with each artist, the "High Renaissance" and "Baroque" periods. Students will learn in-depth knowledge of the three artists and their collective works within the context of their social, political and religious constructs of their time.

SOC 603: Women and Art

No Prerequisites; Grades 9-12; ELECTIVE; .5 Credit; offered in alternating years

This course will provide an overview of the visual representation of women over time in an art-historical context. In addition, students will focus on identifying major works by women artists. Students will be able to show an understanding of issues and themes in feminist art. In this course, students will discuss and analyze obstacles faced by women artists in the past and present- day.



Technology

TECH 101V: Web Design

No Prerequisites; Grades 9-12; ELECTIVE; 1 credit; Virtual Class

This course offers a coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers such as a Web Designer; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, technical skills, and occupation-specific skills, and knowledge of all aspects of the Information Technology career cluster. The content includes but is not limited to web document development, design, promotion and scripting.

TECH 102V: Keyboarding

No Prerequisites; Grades 9-12; ELECTIVE; 1 credit; Virtual Class

This course is designed to provide students an opportunity the skill of entering alphabetic, numeric, and symbolic information on a keyboard and ten-key pad using the touch method of key stroking. Emphasis is placed on the development of accuracy and speed, proper techniques, and correct fingering. Formatting of basic documents will be introduced.

TECH 103V: Computer Applications

No Prerequisites; Grades 9-12; ELECTIVE; 1 credit; Virtual Class

This course is designed to introduce students to software applications that are necessary to live and work in a technological society. The applications covered include word processing, databases, spreadsheet, and presentation. Other content areas may include computer hardware, terminology, and concepts.

TECH 201: Digital Media Arts

No Prerequisite; Grades 9- 12; ELECTIVE; 1 Credit

This course focuses on the development of basic concepts, ideas, skills and techniques for design, color and typography utilizing professional practices and procedures. Students will use the computer as a graphics tool as well as traditional layout device. Students will gain an understanding of all production processes as it relates to printed

Materials, including the St. Anne Yearbook. This course also provides the student with an understanding of visual problem solving from the concept stage through the finished product stage. Students will learn the discipline of meeting deadlines, a crucial aspect of any media production

TECH 201V: Engineering Principles

No Prerequisite; Grades 9-12; .5 credit; Virtual Class

Why don't buildings and bridges fall down more often? Because there are people who have the skills to put together the right materials in the right shape to make them stay up, sometimes even during large earthquakes, tornadoes, and hurricanes. Have you ever looked at impressive structures like large bridges or skyscrapers and wondered why they don't fall down more often? Perhaps you are the kind of person who assumes that structures are all pretty safe. But even a quick look at the history of buildings will show you that they don't always work. What made the Tacoma Narrows Bridge fall apart in a tame wind in 1940? Why do buildings in Los Angeles survive large earthquakes, while others in other parts of the world (such as in Bam, Iran, 2003) are flattened? This course will introduce students to the engineering world that helps to understand these questions, and to lead some people into the professions related to structural engineering.

TECH 202: Introduction to Computer Science in JavaScript

No Prerequisite; Grades 9-12; ELECTIVE; 1 Credit

The introduction to computer science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Once students complete the Introduction to Computer Science course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript.

TECH 302: Fine Arts and Technology

No Prerequisite; Grades 9-12; 1 credit

Students will solve problems in stage and event production and explore various innovations in theatre technology including lighting and sound equipment and software designed for theatrical production. Students will support the existing theatrical season.

TECH 401: Introduction to Computer Programming

Prerequisite: Algebra 1; Grades 9-12; 1 Credit

Emphasizes the fundamentals of computer programming through hands-on activities. Topics include algorithm, interface, and program design and development, along with practical hands-on experience in programming using a modern object-oriented language. Students work with variables, constants, data types, expressions, decision structures, and repetition structures, which lead to advanced programming with arrays, graphics, spreadsheet and database interfacing. Appropriate for students planning to major in Computer Science and Engineering.

TECH 402: Computer Program Design and Algorithms

Prerequisite: Computer Programming 1; Grades 9-12; 1 Credit

Emphasizes the fundamentals of computer programming through hands-on activities. Topics include algorithm, interface, and program code design and development, along with practical hands-on experience in programming using a modern object-oriented language. Students work with variables, data types, expressions, decision structures, and repetition structures, which lead to advanced programming with arrays, spreadsheet and database interfacing.

TECH 403: Introduction to Video Production

Prerequisite: Instructor Recommendation; 1 Credit

Intro to Video Production is an entry-level course that will familiarize students with the techniques and vocabulary of video production. Students will create independent video projects and will be introduced to basic filming and audio capture techniques, basic video editing, and basic story telling. Students should have their own video camera and use the camera for all in-class projects.



Theology

The Sacrament of Confirmation will be celebrated through your home parish. Please contact your parish for more information about Confirmation preparation in 9th and 10th grades.

THEO 101: Divine Revelation

Grade 9; REQUIRED; 1 Credit

Students will examine salvation history, beginning with the nature of the Hebrew Scripture and continuing with the history of the Church from Pentecost to the present.

THEO 201: Trinitarian and Christological Theology

Grade 10; REQUIRED; 1 Credit

Students will examine the identity of Christ as God and Man. Students will use scripture and the tradition of the Church to develop an image of Christ today.

THEO 301: Catholic Social Justice

Grade 11; REQUIRED; Fall Semester ONLY; ½ Credit

Students will examine the seven themes of Catholic social teaching, their historic and contemporary applications, and other timely social issues as illuminated by the Magisterium.

THEO 302: Applications of Moral Theology

Grade 11; REQUIRED; Spring Semester ONLY; ½ Credit

Students will examine the moral decision-making process through an examination of human nature, as well as the nature of sin. As part of their study, the students will read and examine various documents of the Magisterium in order to train a personal conscience to make important and faith-filled decisions.

THEO 401: World Religions

Grade 12; REQUIRED; ½ Credit

Students will examine several religions of the world, such as Judaism, Islam, Buddhism, and Hinduism, as well as other non-Western religions.

THEO 402: Christian Apologetics

Grade 12; REQUIRED; ½ Credit

Students will study an overview of the doctrinal and dogmatic teachings of the Catholic Church. Focus will be placed not on proof of the validity of the teaching, but rather on refuting objections. Students will examine the writings of the saints, including St. Augustine and St. Thomas Aquinas, as well as Magisterial pronouncements in order to understand the rationale behind these faith-centered teachings. Practical and current application of the instructional material will be included.

THEO 403: Introduction to Scripture

Grade 12; May be taken concurrently with THEO 105DC; Instructor approval.; ½ Credit

An introduction to the contemporary study of Scripture in light of Vatican II's document on divine revelation (Dei Verbum), including a survey of both Old and New Testaments. The purpose of the course is to introduce students to the study of Scripture as an academic discipline, the historical and theological concerns of each Testament, and Catholic perspectives regarding the idea of revelation, the interaction of divine and human agency in the composition of the Bible, the development of the biblical canon, and the role of Scripture in Christian life.

THEO 404: Introduction to Theology

Grade 12; May be taken concurrently with THEO 205DC; Instructor approval; ½ credit

This course, the second part of the core curriculum in theology, builds on the knowledge of Scripture gained in TH 105 as it introduces students to the basic areas of theological investigation, including Revelation, Faith, Reason, Christology, Church, Sacraments, and Christian life. The purpose of the course is to introduce students to the study of theology as an academic discipline, provide a fundamental methodology for the consideration of theological issues and, in light of the College's Catholic and Benedictine heritage, to challenge students to consider the Christian message regarding life's purpose and meaning as the integrating factor of their education.

THEO 105DC (COLL): Introduction to Scripture

Grade 12; Dual Credit (Belmont Abbey); must be taken concurrently with THEO 403.

An introduction to the contemporary study of Scripture in light of Vatican II's document on divine revelation (Dei Verbum), including a survey of both Old and New Testaments. The purpose of the course is to introduce students to the study of Scripture as an academic discipline, the historical and theological concerns of each Testament, and Catholic perspectives regarding the idea of revelation, the interaction of divine and human agency in the composition of the Bible, the development of the biblical canon, and the role of Scripture in Christian life. Credit is awarded by Belmont Abby College. Student must maintain a 70 or higher to receive credit.

THEO 205DC (COLL): Introduction to Theology

Grade 12; Dual Credit (Belmont Abbey); must be taken concurrently with THEO 404.

This course, the second part of the core curriculum in theology, builds on the knowledge of Scripture gained in TH 105 as it introduces students to the basic areas of theological investigation, including Revelation, Faith, Reason, Christology, Church, Sacraments, and Christian life. The purpose of the course is to introduce students to the study of theology as an academic discipline, provide a fundamental methodology for the consideration of theological issues and, in light of the College's Catholic and Benedictine heritage, to challenge students to consider the Christian message regarding life's purpose and meaning as the integrating factor of their education. Credit is awarded by Belmont Abby College. Student must maintain a 70 or higher to receive credit.



Visual Arts

ART 101: Art I

No Prerequisites; Grade 9-12; Fall Semester ONLY; .5 credit

The purpose of this course is to teach students a fundamental understanding of the elements of art (line, value, texture, space, color, shape, form) and principles of design (unity/variety, balance, emphasis, contrast, rhythm, proportion, scale, repetition). Throughout the semester they will build a portfolio demonstrating the understanding of the elements of art. These concepts will be demonstrated through a variety of 2D and 3D media; including but not limited to: drawing, painting, ceramics, collage, and weaving. Students will be required to upkeep a sketchbook weekly, with assignments demonstrating understanding of the class material. Additionally, Students will develop an appreciation for artwork of the past and present through classroom readings and writing assignments. Students will be able to discuss and critique artwork using appropriate vocabulary. This course provides the foundations for all art courses offered.

ART 105: Introduction to Drawing

No Prerequisites; Grade 9-12; Elective; ½ credit

This is an introduction to the materials and techniques of drawing, focusing on line drawing, rendering, and the use of perspective. This course will include the study of the drawings of old and modern masters.

ART 106: Figure Drawing

No Prerequisites; Grade 9-12; Elective; ½ credit

Introduction to drawing the human figure with emphasis on development of basic drawing skills of gesture, proportion, contour and action.

ART 201: 2D Design

Prerequisite: Art I; Grade 9-12; Spring Semester 2016; 1 credit

The purpose of this course is to teach students how to address 2D design issues, while making purposeful artistic decisions using the elements and principles of art and design in a creative and inventive way. The principles of design (unity/variety, balance, emphasis, contrast, rhythm, proportion, scale, repetition) will be applied to communicate the elements of art (line, value, texture, space, color, shape, form) effectively. Students will use these principles to communicate content, both abstract and representational forms of art. Students will articulate these goals using a variety of artistic processes and media including, but not limited to: graphic design, photography, collage, weaving, fashion design, illustration, and printmaking.

ART 202: 3D Design

Prerequisite: Art I; Grade 9-12; Spring Semester 2017; 1 credit

The purpose of this course is to teach students how to address three dimensional sculptural issues, while making purposeful artistic decisions using the elements and principles of art and design in a creative and inventive way. Students will apply their knowledge of design principles (unity/variety, balance, emphasis, contrast, rhythm, proportion, scale, repetition) and elements of art (line, value, texture, space, color, shape, form) as they relate to space, volume and surface. Students will use these principals to communicate representational and nonrepresentational three dimensional sculpture works, using a variety of media and processes, including but not limited to: architectural work, ceramics, metalwork, woodwork, installation sculpture, relief work, three dimensional fabric and fiber arts.

ART 203: Art of the Book:

Prerequisite: Art I; Grade 9-12; Spring Semester 2018; 1 credit

The purpose of this course is to teach students the materials and methods of the creation of the book throughout history. Students will experiment with a variety of binding and paper making techniques .This course will provide an in depth look into how the written word has been used throughout history in both eastern and western cultures; Focusing on the written word in Medieval Europe, North Africa, the United States and South East Asia, and student will in turn, learn papermaking, binding techniques, and traditional subject matter associated with each region using a variety of media. The subject matter is included but not limited to: Japanese stab binding, papyrus paper craft, coptic binding, fibrous paper making, pop up books, illuminate letters, and botanical illustrations. It will provide an overview of the evolution of what we in Western culture today associate today as a “book”.

ART 204: AP Studio Art

Prerequisite: Art I; Grade 10-12; 2 credits

The AP studio art courses and portfolios include: Two-Dimensional Design, Three-Dimensional Design, or Drawing. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3-D Design and Drawing — corresponding to the most common college foundation courses. Students may choose to submit any or all of the Drawing, Two-Dimensional Design, or Three-Dimensional design portfolios. AP Studio Art students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.

ART 205: AP Art History

No Prerequisites; Grades 10-12; ELECTIVE; 1 Credit

The AP Art History course is equivalent to a two-semester introductory college course that explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

ART 206V: Digital Photography

No Prerequisite; Grades 9-12; .5 credit; Virtual Class

The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

ART 207V: Media Arts 1

No Prerequisite; Grades 9-12; 1 credit; Virtual Class

Media Arts 1 is designed in alignment with the South Carolina academic standards for Media Arts. In this course, students will develop their creative abilities for developing and analyzing art in a variety of media, including print, audio and video. Students will read and explore content and material pertinent to each unit, learn how to use different online media tools per tutorials and practice, contribute to each unit's glossary, and will collaborate and plan their project for each unit through a series of class discussions (forums). Each unit will wrap up with a quiz on the material covered. The course will culminate in the creation of a multimedia project using images, video and audio. Students must have the ability to download various free media arts related products to complete the coursework.

ART 301: Drawing I

Prerequisite: Art I and Instructor Recommendation; Grades 9-12; ½ credit

Drawing I is an introduction to drawing concentrating on the fundamentals of line, value, perspective and composition as applied primarily to representational drawing from observation.

ART 302: Drawing II

Prerequisite: Drawing I and Instructor Recommendation; Grades 9-12; ½ credit

Drawing II is an expansion of Drawing I with increased emphasis on composition and concept using achromatic and color drawing media.

ART 405: Studio Art 1

No Prerequisite; Grades 9-12; .5 credit

Through a sequential study of artistic elements, art media, drawing and painting techniques and art criticism, this course introduces students to the fundamentals of studio art. Students will be encouraged to explore media and think, talk and write about art. Students will build foundation skills, as well as the beginning of a portfolio, through hands-on practice and assignments. Through a variety of drawing and painting lessons, mostly based on perception, students will study line, shape and form, focusing on light, tonal drawing and linear and atmospheric perspective in black and white and color. Students will gain historical and cultural knowledge through their course readings and the visit to the museums. Students will learn about art criticism to evaluate self and other's works.

ART 406: Studio Art 2

Prerequisite: Successful completion of Studio Art 1; Grades 9-12; .5 credit

This course is for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition and execution in 2D design. This course is based on a student creating a body of work that demonstrates quality, concentration and breadth.

Art 501: Intro to Theatrical Design

No Prerequisite; Grades 9-12; 1 credit

Students will learn an introduction to "Design Thinking," gain an overview of all the design elements that go into creating an original live theatrical performance, and apply a specific design concept in a Project-Based Learning scheme. Students will learn how to bring a design from initial concept to execution, focusing on problems solving and integrating designs in a collaborative setting.



Courses to Prepare for College

COLL 100: The Right College for Me

No Prerequisites; Grades 9-10

Students will explore college degree choices and the colleges that offer their degree that they want to pursue. Students will learn what entrance requirements and tests they must meet and how this will affect the next two years of high school.

COLL 101: ACT Preparatory Course

Prerequisite: Successful completion of Algebra I and Geometry

Designed to help students prepare for the ACT examination, this semester course will focus on test-taking techniques and practice for the English, Math, Reading, Science, and Writing areas of the exam.

COLL 102: SAT Preparatory Course

Prerequisite: Successful completion of Algebra I and Geometry

Designed to help students prepare for the SAT examination, this semester course will focus on test-taking techniques and practice for the Critical Reading, Writing, and Mathematics areas of the exam. One half of the course is devoted to math review while the other half is devoted to reading and writing skills.

COLL 200: Applying to College

No Prerequisites; Grade 10

Students will receive help applying to college(s) of their choice, including help with essays. Students are encouraged to complete a final draft of their college essays during the summer before their senior year.

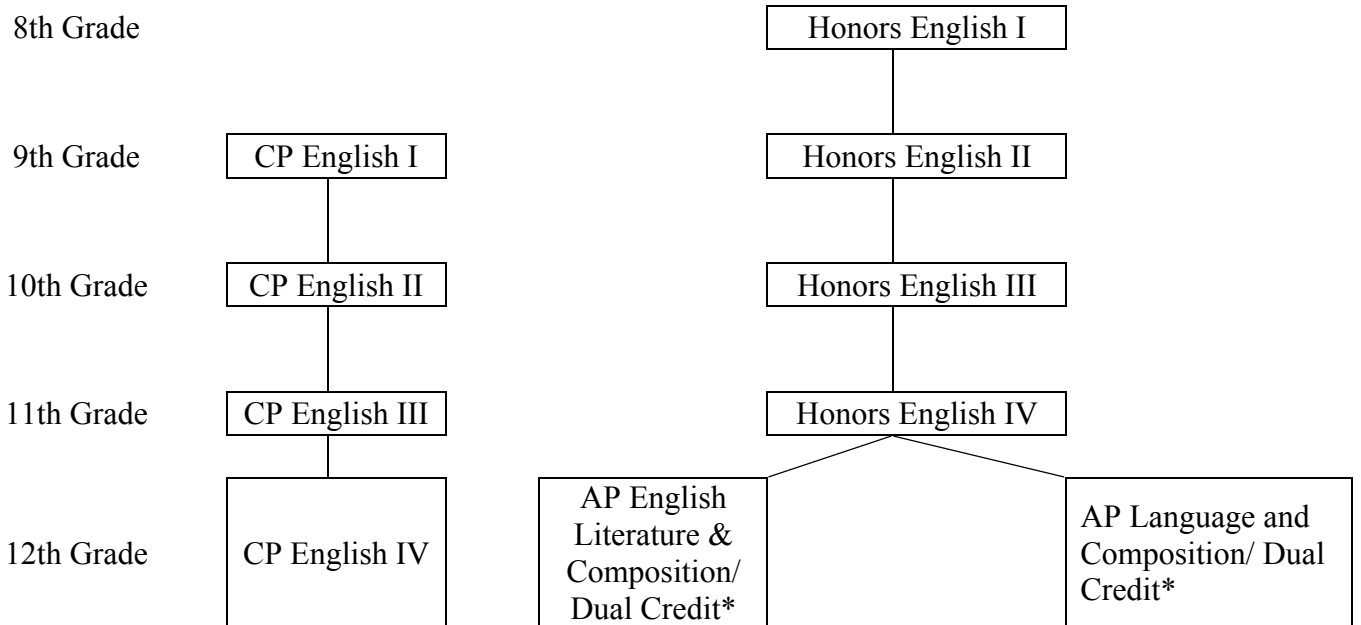
COLL 300: Paying for College

No Prerequisites; Grade 11

Students will receive help searching and applying for scholarships that are available both through and outside of the college(s) of choice. This course will also include information on completing the FAFSA.

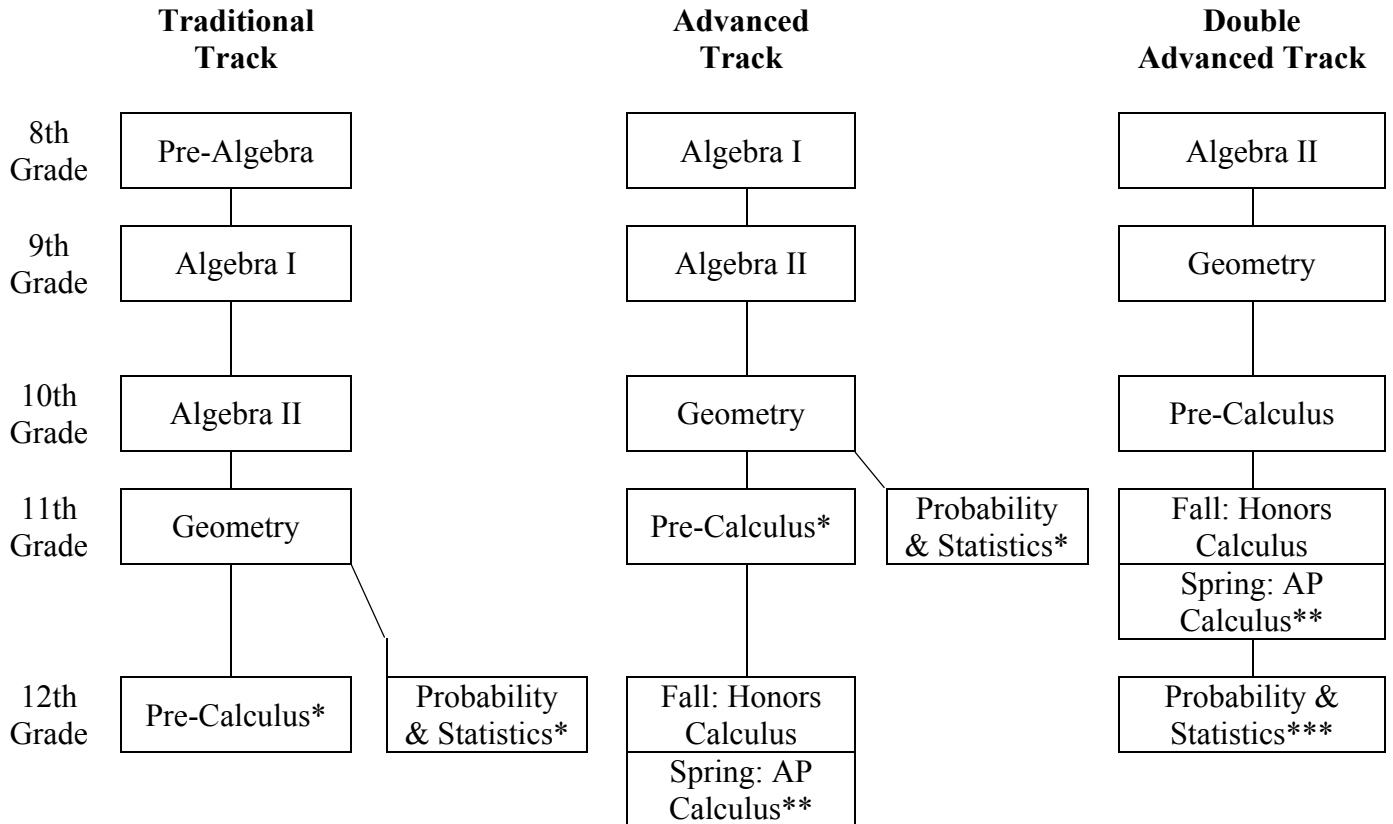
Appendix I: Course Sequences

Course Sequence – English



*May be taken in lieu of Honors English courses with Instructor approval.

Course Sequence – Mathematics

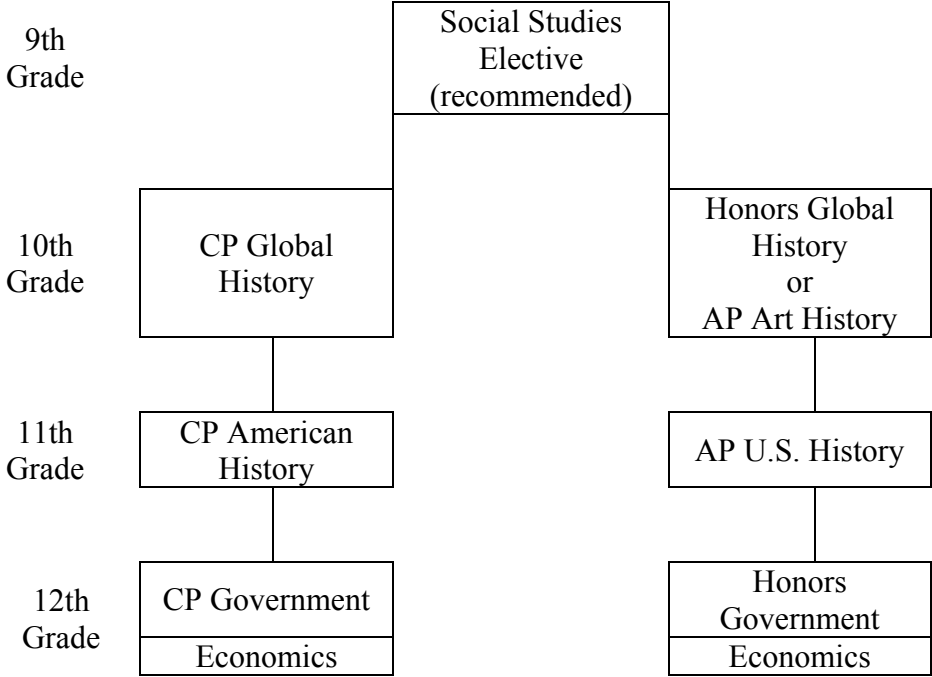


* Probability & Statistics is recommended for students that plan to pursue a career in Business or Social Sciences. Pre-Calculus is recommended for all other fields.

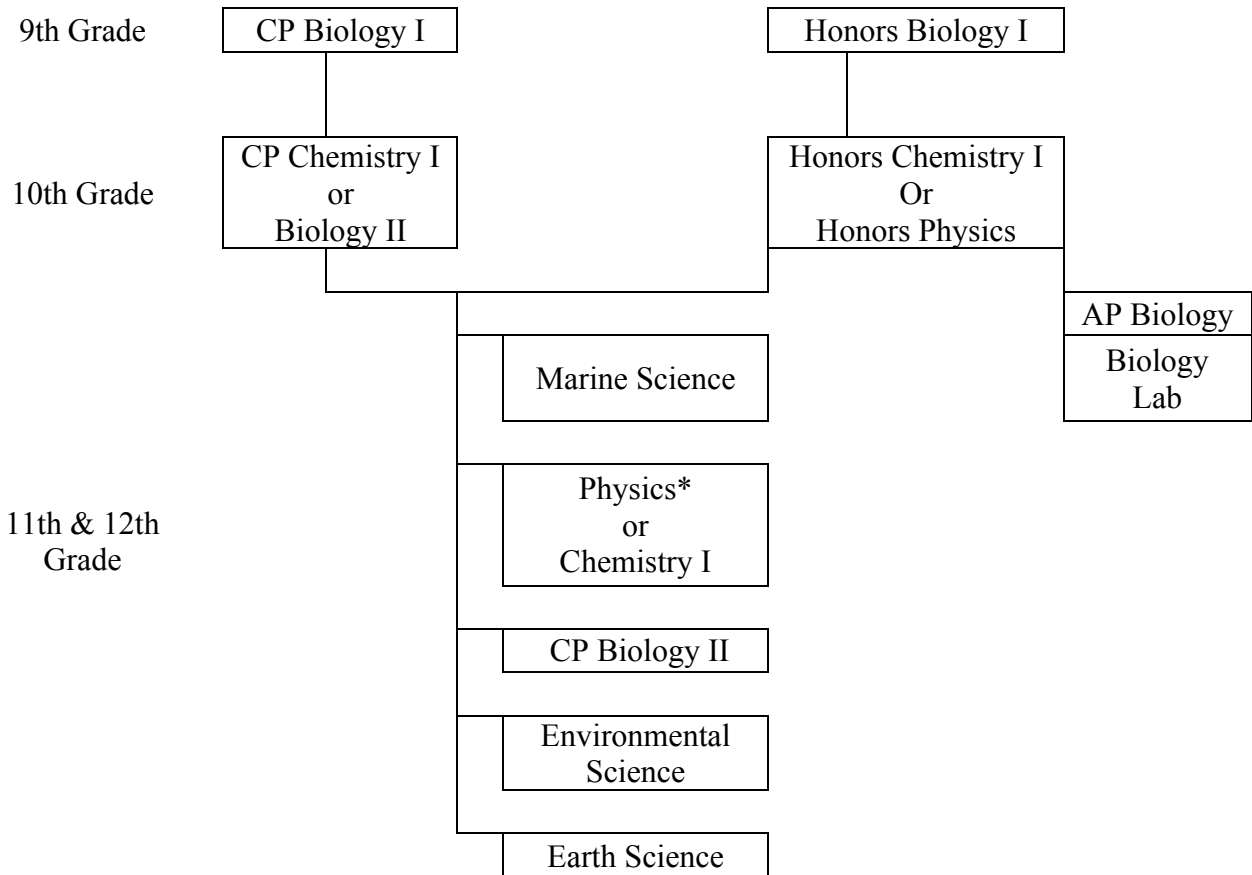
** AP Calculus must be taken with Honors Calculus. However, Calculus can be taken as a stand-alone class.

*** The Probability & Statistics course would count as an elective.

Course Sequence – Social Studies



Course Sequence – Science



* Physics is recommended for students that plan to pursue a career in Math or Science

Course Sequence – Theology

