

# CHARLOTTE CATHOLIC HIGH SCHOOL



*"The Soul of Education  
is the Education of the Soul"*

*Pius XI*

**CURRICULUM GUIDE**  
**2019 - 2020**

## MISSION STATEMENT

Charlotte Catholic High School is an educational community centered in the Roman Catholic faith, which teaches individuals to serve as Christians in our changing world.

## BELIEFS

Prayer, worship and reflection are essential in fostering the spiritual and moral development of our students, faculty and staff.

Individuals should model and integrate the teachings of Jesus in all areas of their lives in order to nurture faith and inspire action, especially in the areas of service and charity.

Teachers should set high academic expectations of performance while providing appropriate resources and challenges for all students.

Our school should be a supportive, healthy and encouraging environment that recognizes the dignity, needs and uniqueness of all.

Every member of our community should have opportunities to participate in, contribute to, and support Charlotte Catholic High School.



## CHARLOTTE CATHOLIC HIGH SCHOOL

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FAITH • SERVICE • ACADEMIC EXCELLENCE

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## **COURSE SELECTION CONSIDERATIONS**

The Charlotte Catholic Faculty, in all classes, challenges students to think critically, to read purposefully, to write effectively and to communicate clearly – all factors enabling a student to reach his or her full potential.

In considering your schedule, you should challenge yourself with a strong but manageable course load. Colleges are seeking students who extend themselves academically by taking advanced courses for which they are qualified. Be careful not to overextend yourself. Your course selection should take into consideration your entire school involvement, including athletic participation, volunteer activities, and other extracurricular involvement.

If you are placed in courses labeled “Honors” or “AP,” you should seek input from your counselor and teachers. The teacher recommendations, based upon departmental guidelines, are reliable indicators for personal success and academic challenge for each student.

# CHARLOTTE CATHOLIC HIGH SCHOOL CURRICULUM GUIDE

## PURPOSE

This guide provides a brief description of and prerequisites for each course. The purpose of this guide is to assist the student, parent, counselor, and teacher in knowing what is available. All courses listed will be taught unless there is insufficient enrollment.

## TOTAL CORE CREDITS REQUIRED FOR GRADUATION

<u>SUBJECT</u>	<u>UNITS</u>	<u>SUBJECT</u>	<u>UNITS</u>
Theology (A)	4	Social Studies (E)	3
English (A)	4	Health	.5
Science (D)	3	Physical Education	.5
Math (B, C)	3	World Language	2

Total Core Credits Required For Graduation	20
Additional Course Credits Required For Graduation	<u>4</u>
Total Credits Required For Graduation	24

A student must have successfully completed all required courses and have accumulated a minimum of 24 credits in order to graduate. One-half credit is given for semester courses successfully completed and one credit is given for full year courses successfully completed. Students are required to take 7 classes per day. Courses meet every day.

- (A) - Required course for each year a student attends CCHS.
- (B) - NC Public College and University Admissions recommend a math course in 12th grade.
- (C) - NC Public College and University Admissions require 4 math credits including one unit that has Algebra II as a prerequisite.
- (D) - A physical science (Chemistry and/or Physics); Biology; and a 3rd year of a science are required.
- (E) - World History (1.0); US History (1.0); Economics (.5) and Politics (.5); Ancient World History (.5) (9th grade requirement)

## GRADING SCALE

The following numerical equivalent scale is used for all courses:

A+	=	100-97
A	=	96-93
A-	=	92-90
B+	=	89-87
B	=	86-83
B-	=	82-80
C+	=	79-77
C	=	76-73
C-	=	72-70
D+	=	69-68
D	=	67-66
D-	=	65
F	=	64 and below

## QUALITY POINT SYSTEM

A student's grade point average is determined by the use of quality points. According to the nature, level, and difficulty of a course, the quality points are indicated in the description area for each course. Scale 1 is for honors and AP courses. Scale 2 is for all other courses.

### SCALE 1

A+	=	5.0
A	=	5.0
A-	=	4.7
B+	=	4.3
B	=	4.0
B-	=	3.7
C+	=	3.3
C	=	3.0
C-	=	2.7
D+	=	2.3
D	=	2.0
D-	=	1.7
F	=	0.0

### SCALE 2

A+	=	4.0
A	=	4.0
A-	=	3.7
B+	=	3.3
B	=	3.0
B-	=	2.7
C+	=	2.3
C	=	2.0
C-	=	1.7
D+	=	1.3
D	=	1.0
D-	=	0.7
F	=	0.0

## ASSISTANTS

### Assistants

573

Grade:	10th, 11th and 12th
Elective	
Prerequisites:	Approval of the Dean of Students
Quality Points:	None

Students receive credit for working as an assistant. Assistants will be assigned tasks for the office, counselors, alumni and campus ministry. Evaluation is based on their willingness to learn, initiative and performance of assigned tasks, and demonstrated competencies within the area assigned. Their supervising staff member makes evaluations.

These courses may be taken on a semester basis and may be repeated with the permission of the Dean of Students.

# BUSINESS AND TECHNOLOGY DEPARTMENT

## **Personal Finance**

**134**

Grade: 11th or 12th  
Elective  
Prerequisites: None  
Quality Points: A = 4

This course is designed to provide students with personal skills needed daily. Topics of study include establishing a bank account and maintaining a checkbook and debit card, computing personal income tax and analyzing employment taxes. Students will understand how consumer credit works and the pitfalls of credit cards, constructing a personal budget, analyzing investments and retirement funds, and more. This course meets every day for one semester.

## **Marketing Principles**

**122**

Grade: 10th, 11th, or 12th  
Elective  
Prerequisites: None  
Quality Points: A = 4

This is a beginning class to help students become familiar with the world of business through a marketing perspective. Students will gain a basic understanding of marketing, business, management, and entrepreneurship. This course meets every day for one semester.

## **Introduction to Accounting**

**133**

Grade: 11th, or 12th  
Elective  
Prerequisites: None  
Quality Points: A = 4

This class is designed to provide an understanding of the basic principles of the Accounting Cycle as it applies to business entities. Major areas of study include the "Accounting Cycle" from analyzing and recording business transactions to the preparation and interpretation of financial statements. This course meets daily for a semester.

## **Introduction to Programming/Excel**

**112**

Grade: 9th, 10th

Elective

Prerequisites: None

Quality Points: A = 4

This class is designed to provide the students with a foundation in Excel and a basic understanding of the Python programming language. The class will provide students with a basic foundation in Excel. This course meets every day for one semester.

## **Computer Applications II - Spreadsheet/Database**

**132**

Grade: 10th, 11th, or 12th

Elective

Prerequisites: Department Approval

Quality Points: A = 4

This course will introduce students to spreadsheets and database applications, using Microsoft Excel and Access. Students will learn to create and manipulate basic business spreadsheets with the Excel program. Students will be expected to create databases and design forms, tables, and queries using Excel and Access application. This course meets every day for one semester.

## **Computer Programming I**

**141**

Grade: 10th, 11th, or 12th

Elective

Prerequisites: Department approval

Quality Points: A = 4

This course is an introduction to structured computer programming in the Java language and other high level languages with an emphasis on problem solving and business applications including the study of top-down design, data structures, file I/O and recursion. This course focuses on concepts, techniques and knowledge unfamiliar to most students and necessitates more of a time commitment than other technology courses. This course meets every day for a full year.

## **Web Page Design and Maintenance**

**142**

Grade: 10th, 11th or 12th  
Elective  
Prerequisites: Department approval  
Quality Points: A = 4

The focus of this course is to create and maintain web pages and web sites. Prepackaged web design software, HTML, and JavaScript will be used in the creation and upkeep of the web sites. This course meets every day for one semester.

## **AP Computer Science A**

**144**

Grade: 11th, 12th  
Elective  
Prerequisites: A in Algebra II or B in Advanced or Honors Algebra II  
Quality Points: A = 5

Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development. It also includes the study of data structures and abstraction. Students completing the AP Computer Science course will be able to:

- Code fluently in an object-oriented paradigm using the programming language Java. Students will be familiar with and be able to use standard Java library classes from the AP Java subset.
- Design and implement computer-based solutions to problems in a variety of application areas.
- Use and implement commonly-used algorithms and data structures.
- Develop and select appropriate algorithms and data structures to solve problems.
- Read and understand a large program consisting of several classes and interacting objects.
- Identify the major hardware and software components of a computer system, their relationship to one another, and the roles of these components within the system.

# ENGLISH DEPARTMENT

## English 9

212

Grade: 9th

Required

Prerequisites: Admission to English 9 is based upon 8th grade English performance, local percentile on the high school placement test or other standardized test scores and input provided by the student's 8th grade English teacher.

Quality Points: A = 4

The course includes a review of grammar fundamentals and basic conventions of essay writing. Students will be provided activities for enhancing reading comprehension skills and for expanding vocabulary. Students will read literature appropriate for college-prep 9th graders and develop literature-based essays using literary criticism and electronic databases. Composition skills and MLA research documentation will be emphasized. The course will necessarily include an introduction to various literary genres and devices through the study of mythology, short stories, novels, poetry, and drama.

## **Advanced English 9**

**211**

Grade: 9th

Required

Prerequisites: Admission to Advanced English 9 is based upon 8th grade English performance, local percentile on the high school placement test or other standardized test scores and input provided by the student's 8th grade English teacher.

Quality Points: A = 4

The course includes an overview and fast-paced review of grammar fundamentals and basic conventions of essay writing. Students will be provided advanced activities for enhancing reading comprehension skills and for expanding vocabulary. Students will read literature appropriate for accelerated 9th graders and develop literature-based essays using literary criticism and electronic databases. Advanced composition skills and MLA research documentation will be emphasized. The course will necessarily include an introduction to various literary genres and devices through the study of mythology, short stories, novels, poetry, and drama. Students at the advanced level will read supplemental texts and write additional essays.

## **English 10**

**222**

Grade: 10th

Required

Prerequisites: English 9

Quality Points: A = 4

This course includes (1) study of World Literature through novels, short stories, drama, and poetry; (2) grammar fundamentals and the reinforcement of these essential grammar skills within the context of writing assignments; (3) introduction to evaluative and analytical essays including the use of secondary sources; (4) continuation of vocabulary development, reading comprehension, and literary terms.

## Advanced English 10

221

Grade: 10th

Required

Prerequisites: Advanced English 9 with a **B- average** both semesters or English 9 with a **B+ average** both semesters and recommendation of the ninth grade English teacher. Evidence-based reading and writing test scores from the PSAT are taken into consideration in order to place students where they will be most successful.

Quality Points: A = 4

This course includes (1) study of World Literature through novels, short stories drama, and poetry (2) grammar fundamentals and the reinforcement of these essential grammar skills within the context of writing assignments; (3) introduction to evaluative and analytical essays including the use of secondary sources; (4) continuation of vocabulary development, reading comprehension, and literary terms.

## Honors English 10

223

Grade: 10th

Required

Prerequisites: Advanced English 9 with a **B average** both semesters or English 9 with an **A- average** both semesters. Evidence-based reading and writing test scores from the PSAT are taken into consideration in order to place students where they will be most successful.

Quality Points: A = 5

This course includes many of the same topics taught in English 10 Advanced, but involves a more comprehensive focus on World Literature and additional outside reading. Additional focus will be on rhetoric and its application to writing. Student essays, including in-class prompts, will require a high level of critical thinking.

## English 11

232

Grade: 11th  
Required  
Prerequisites: English 10  
Quality Points: A = 4

This course includes (1) writing skills techniques (e.g., prewriting, organization, drafting, revisions, etc.); (2) documented essays using primary and, in some cases, secondary sources; (3) concentrated practice in literary analysis; (4) reading comprehension; (5) continued vocabulary development; and (6) general survey of the literary periods and genres of American Literature, with attention to historical and social contexts.

## Honors English 11

231

Grade: 11th  
Required  
Prerequisites: Advanced English 10 with a **B- average** both semesters or English 10 with an **A- average** both semesters and recommendation of the tenth grade English teacher. Evidence-based reading and writing test scores from the PSAT are taken into consideration in order to place students where they will be most successful.  
Quality Points: A = 5

This course includes (1) writing skills techniques (e.g., prewriting, organization, drafting, revision, etc.); (2) a documented essay using primary and secondary resources; (3) concentrated practice in writing analytical essays; (4) reading comprehension; (5) continued vocabulary development; and (6) general survey of the literary periods and genres of American Literature. Students will be required to read additional texts and write frequent short papers.

## Advanced Placement English 11

233

### English Language and Composition

Grade: 11th

Prerequisites: Honors English 10 with a **B- average** both semesters or Advanced English 10 with an **A- average** both semesters. Evidence-based reading and writing test scores from the PSAT are taken into consideration in order to place students where they will be most successful.

Quality Points: A = 5

This course comprises much of the material covered in English 11 Honors as well as the principles of rhetoric and argument. The course will prepare students for the required College Board Advanced Placement Test given in May. This demanding and challenging course will be offered to students who show the aptitude, desire, and work ethic for a college level course.

## English 12

242

Grade: 12th

Required

Prerequisites: English 11

Quality Points: A = 4

This course includes (1) a survey of British Literature; (2) review and practice of paragraph and essay structure; (3) reinforcement of essential grammar skills within the context of writing assignments; (4) reading comprehension, summary and analysis; (5) composition resulting in documented essays using both primary and, in some cases, secondary sources; and (6) vocabulary development.

## Honors English 12

241

Grade: 12th

Required

Prerequisites: Honors English 11 with a **B- average** both semesters or English 11 with an **A- average** both semesters and the recommendation of the 11th grade English teacher. Evidence-based reading and writing test scores from the PSAT, SAT, or ACT are taken into consideration in order to place students where they will be most successful.

Quality Points: A = 5

This course includes (1) an in-depth study of British Literature through close reading and discussion; (2) advanced composition resulting in several documented literary analyses using primary and, in some cases, secondary sources; and (3) vocabulary development.

## Advanced Placement English 12

243

### English Literature and Composition

Grade: 12th

Required

Prerequisites: AP English Language and Composition with a **B- average** both semesters or Honor English 11 with an **A- average** both semesters. Evidence-based reading and writing test scores from the PSAT, SAT, or ACT are taken into consideration in order to place students where they will be most successful.

Quality Points: A = 5

This course includes all the essentials of English 12 Honors with the addition of several sophisticated texts and will prepare the student for the required College Board Advanced Placement Test given in May. This very demanding course is offered only to the student who shows the aptitude for the challenge of a college equivalent course in high school.

## **Journalism**

**234**

Grade: 10th, 11th and 12th

Elective

Prerequisites: B average in English with approval of the instructor and student editors prior to Spring registration. This class has limited enrollment.

Quality Points: A = 4

This class is designed to give practical experience in interviewing and writing techniques (news, features, editorials, and sports coverage), photography, and layout. Word processing skills are necessary. The students are responsible for publishing the school newspaper once a month and a literary magazine once a year. Students also produce and continuously update a website containing articles, photographs and video interviews. This class meets every day for a full year.

## **Yearbook**

**235**

Grade: 10th, 11th and 12th

Elective

Prerequisites: Must apply, secure teacher recommendations, maintain B average in English and be interviewed by the instructor and the student editors prior to Spring registration. This class has limited enrollment.

Quality Points: A = 4

The student is instructed in layout design, copy and caption writing, photo cropping and all aspects of preparing the yearbook. Selected students are designated as photographers. A calendar is posted with the deadlines and other assignments for all phases of the yearbook. This class meets every day for a full year.

## **Public Speaking**

**236**

Grade: 10th, 11th and 12th

Elective

Prerequisites: None

Quality Points: A = 4

The purpose of this course is to provide the student with the experience of speaking before an audience. The student participates in a series of oral exercises including: formal readings, solo dramatic readings, group dramatic readings, issue speeches, persuasive speeches, and impromptu speeches. This course meets daily for one semester.

## **INTERDISCIPLINARY STUDIES**

### **Academic Skills**

**510**

Grade: 9th, 10th, 11th and 12th  
Prerequisites: Students must have current Psychological Educational Testing to be placed in Academic Support. High School Placement Test scores and the recommendation from Learning Support teacher will be utilized.  
Quality Points: A = 4

The course work is designed to improve writing, vocabulary and study skills. This class will meet daily for a semester with evaluation at the end of the first semester to determine whether a student would benefit from an additional semester.

### **SAT Prep**

**531**

Grade: 10th or 11th  
Elective  
Prerequisites: Must have completed Geometry  
Quality Points: A = 4

This course is designed to help students prepare for the SAT. The class is divided into two groups. Each group practices one quarter for the verbal portion of the SAT and the other quarter for the mathematics portion. The verbal portion discusses reasoning strategies for tackling the two sections of the SAT: 1) critical reading and sentence completion 2) writing, essay punctuation and grammar. Students are required to research college(s) of their choice in order to become familiar with different entrance requirements and other college criteria. Students are also asked to complete an SAT application and strongly encouraged to take the first test given immediately upon finishing the course. The math portion reviews the specific math skills (basic math, algebra, geometry) and strategies needed for success on the three math sections of the SAT. The entire course provides several SAT practice tests in order for the students to become familiar and comfortable with the actual test. This course meets daily for one semester

# MATHEMATICS DEPARTMENT

## **Algebra I**

**612**

Grade: 9th  
Required  
Prerequisites: Pre-Algebra  
Quality Points: A = 4

This course includes a review of operations with integers, fractions, and decimals; solving equations and inequalities in one variable; introduction to functions; linear functions; systems of linear equations and systems of linear inequalities; operations with polynomials; factoring polynomials; quadratic functions; and displays of categorical and quantitative data and numerical summaries of quantitative data.

## **Advanced Algebra I**

**613**

Grade: 9th  
Required  
Prerequisites: Pre-Algebra  
Quality Points: A = 4

This course includes a brief review of operations with integers, fractions, and decimals; solving equations and inequalities in one variable; introduction to functions; linear functions; systems of linear equations and systems of linear inequalities; operations with polynomials; factoring polynomials; quadratic functions; and displays of categorical and quantitative data and numerical summaries of quantitative data.

## **Intermediate Algebra I**

**614**

Grade: 9th  
Required  
Prerequisites: 8th Grade Algebra I  
Quality Points: A = 4

This course is designed for students who have taken Algebra I in middle school but require further study before taking Geometry. This course includes a review of operations with integers, fractions, and decimals; solving equations and inequalities in one variable; introduction to functions; linear functions; systems of linear equations and systems of linear inequalities; operations with polynomials; factoring polynomials; quadratic functions; and and displays of categorical and quantitative data and numerical summaries of quantitative data.

## **Geometry**

**622**

Grade: 10th  
Required  
Prerequisites: Algebra I and department approval  
Quality Points: A = 4

This course includes basic terms and symbols; congruence and similarity of polygons and circles; area and volume; parallel and perpendicular lines; transformations; and an introduction to proof; sampling methods and experimental design.

## **Advanced Geometry**

**624**

Grade: 9th or 10th  
Required  
Prerequisites: Middle school Algebra with a grade of C or higher both semesters  
Quality Points: A = 4

This course includes the study of basic terms and symbols; congruence and similarity of polygons and circles; area and volume; parallel and perpendicular lines; transformations; proofs; sampling methods and experimental design.

## Honors Geometry

623

Grade: 9th or 10th

Required

Prerequisites: Middle school Algebra with a grade of A- or higher or Advanced Algebra at CCHS with a grade of A- or higher. Prerequisite score on High School Placement Test must be achieved.

Quality Points: A = 5

This rigorous course is designed for students who possess a strong work ethic and ability to think critically and includes the in depth study of basic terms and symbols; congruence and similarity of polygons and circles; parallel and perpendicular lines; transformations; proofs; sampling methods and experimental design.

## Algebra II

632

Grade: 11th

Required

Prerequisites: Geometry and department approval

Quality Points: A = 4

This course includes the study of linear, quadratic, exponential, logarithmic, radical, rational and trigonometric functions; complex numbers; correlation and regression; normal models; and confidence intervals for proportions and means.

## Advanced Algebra II

630

Grade: 10th or 11th

Required

Prerequisites: Advanced Geometry and department approval

Quality Points: A = 4

This course includes the study of linear, quadratic, exponential, logarithmic, radical, rational and trigonometric functions; complex numbers; correlation and regression; normal models; and confidence intervals for proportions and means.

## Honors Algebra II

633

Grade: 10th and 11th

Required

Prerequisites: Advanced Geometry with a minimum A- test average and department approval.

Quality Points: A = 5

This rigorous course is designed for students who possess a strong work ethic and ability to think critically and includes the in depth study of linear, quadratic, exponential, logarithmic, radical, rational and trigonometric functions; complex numbers; correlation and regression; normal models; and confidence intervals for proportions and means. **Candidates who meet the above prerequisites must take a qualifying Algebra I Skills assessment. Acceptance into this course is contingent on the candidate's performance on the qualifying assessment.**

## Functions and Modeling

637

Grade: 11th and 12th

Elective

Prerequisites: Algebra II or Advanced Algebra II and department approval

Quality Points: A = 4

This course provides students the opportunity to further study linear, quadratic, exponential, logarithmic and trigonometric functions prior to Pre-Calculus. Much of the emphasis is on the real-world applications. This course satisfies the UNC System admission requirements of a 4th year math course beyond Algebra II, but does not meet the requirements for Calculus.

## Advanced Pre-Calculus

635

Grade: 10th, 11th and 12th

Elective

Prerequisites: Advanced Algebra II with a minimum B test average and department approval or Functions and Modeling with department approval.

Quality Points: A = 4

This course includes the further development and analysis of functions including polynomial, rational, exponential, and logarithmic and trigonometric functions. Also included are probability, counting, sequences and series, conic sections, the complex number system, hypothesis testing for means and proportions.

## Honors Pre-Calculus

643

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: Honors Algebra II with a minimum B test average and department approval  
Quality Points: A = 5

This rigorous is designed for students who possess a strong work ethic and ability to think critically and includes the further development and analysis of functions including polynomial, rational, exponential, and logarithmic and trigonometric functions. Also included are probability, counting, sequences and series, conic sections, the complex number system, hypothesis testing for means and proportions.

## Discrete Math

648

Grade: 12th  
Elective  
Prerequisites: Functions and Modeling or Advanced Pre-Calculus and department approval  
Quality Points: A = 4

This course is designed for seniors who have completed Functions and Modeling or Pre-calculus. Topics include a review of algebraic functions and geometry, set theory, number theory, graph theory, logic, consumer math, and voting methods.

## Honors Calculus

644

Grade: 12th  
Elective  
Prerequisites: Honors Pre-Calculus or Advanced Pre-Calculus and department approval  
Quality Points: A = 5

Topics included in this course are limits, derivatives of both algebraic and transcendental functions, methods of integration, and applications of the derivative and integral.

## Statistics

636

Grade: 10th, 11th and 12th

Elective

Prerequisites: B in Advanced Geometry or a C in Advanced Algebra II and Departmental Approval

Quality Points: A = 4

This year long course will teach students about the major concepts of data analysis, data collection, probability, and statistical inference. Students who earn an A- or better will be eligible to apply for AP Statistics the following year. This course does not satisfy the UNC system admission requirement of a 4th year math course beyond Algebra II.

## Advanced Placement Statistics

646

Grade: 11th and 12th

Prerequisites: See below

Quality Points: A = 5

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. (apcentral.collegeboard.org)

All students must take the AP Statistics exam in May.

Selection of students for this course will be based on the following:

1. A minimum B average in Honors Pre-Calculus, Honors Calculus, or AP Calculus or a minimum A average in Honors Algebra 2 for the first semester
2. Current Math teacher recommendation
3. PSAT Math score and PSAT Critical Reading score

## Advanced Placement Calculus AB

645

Grade: 12th  
Prerequisites: See below  
Quality Points: A = 5

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. ([apcentral.collegeboard.org](http://apcentral.collegeboard.org))

All students must take the AP Calculus AB exam in May.

Selection of students for this course will be based on the following:

1. Honors Pre-Calculus teacher recommendation
2. Honors Pre-Calculus grade for the first semester
3. PSAT Math score
4. Honors Physics grade for the first semester

## Advanced Placement Calculus BC

651

Grade: 12th  
Prerequisites: See below  
Quality Points: A = 5

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and includes the content learned in Calculus AB while extending it to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. ([apcentral.collegeboard.org](http://apcentral.collegeboard.org))

All students must take the AP Calculus BC exam in May.

Selection of students for this course will be based on the following:

1. Honors Pre-Calculus teacher recommendation
2. Honors Pre-Calculus grade for the first semester
3. PSAT Math score
4. Honors Physics grade for the first semester

# PHYSICAL EDUCATION DEPARTMENT

## Health

512

Grade: 9th  
Required  
Prerequisites: None  
Quality Points: A = 4

The basic aim of the health course is to assist the student in seeking solutions to their health problems and to help them reach the level of self-awareness that will enable them to become an active participant in their own health education. The course includes the study of: (1) all the major body systems, (2) tobacco, alcohol, drugs, (3) mental and social health, (4) health products, services and careers, (5) nutrition, (6) human sexuality. This class meets every day for a full semester.

## Physical Education

513

Grade: 9th  
Required  
Prerequisites: None  
Quality Points: A = 4

The major theme of this course is instruction in skills for leisure time participation. The following sports are included in the course: pickle ball badminton, basketball, volleyball, softball, weight lifting, soccer, floor hockey and football. This class meets every day for a full semester.

## Toning and Sculpting

523

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: None  
Quality Points: A = 4

This course is designed to teach strength training and body sculpting. Emphasis will be placed on non-athletic lifts. Wellness and fitness will be the priority rather than muscle and strength development. This course meets every day for a semester.

## **Aerobics**

**521**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: None  
Quality Points: A = 4

This course will focus on simple endurance and aerobic movements in order to increase physical abilities. Areas covered free weight training, cardio aerobics, yoga and the ability to understand physical fitness as part of a healthy lifestyle. Each student will be required to dress in appropriate gym attire and keep a journal log on his/her nutrition and physical activity. The class meets every day for a semester.

## **Weight Lifting**

**522**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: None  
Quality Points: A = 4

This course is designed to educate students on the proper techniques of weight lifting, how to target specific muscle groups and the design and implementation of using a lifting schedule. This course meets every day for a semester.

## **Jazzercise**

**524**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites:  
Quality Points: A = 4

This course will focus on the elements of dance with cardio movement exercises. Pilates and yoga style stretching will also be implemented. This course meets every day for a semester.

## **Fitness and Nutrition**

**525**

Grade: 11th and 12th

Elective

Prerequisites: None

Quality Points: A = 4

This course is designed to take an in depth at wellness challenges that our students will face in their college years. Topics such as: stress, nutrition, fitness, and time management will be some of the topics addressed. This course meets every day for a semester.

# SCIENCE DEPARTMENT

## **Biology**

**822**

Grade: 9th

Required

Prerequisites: Placement is open for incoming freshmen

Quality Points: A = 4

The primary objective of this course is to introduce the student to a broad, general understanding of the fundamental principles of biology through a study of humans and their interaction with other organisms and their mutually shared environment. This course includes the study of cell structure and function, function and structure of plants and animals (systems study), reproduction, genetics, evolution and ecology. Laboratory exercises, dissection, and reports are significant factors in the course evaluation

## **Advanced Biology**

**821**

Grade: 9th

Required

Prerequisites: Algebra I (must have at least a B+ in 8th grade Algebra), 8th grade Science (minimum grade of 87), departmental approval. Local percentile scores on the HSPT are considered and utilized.

The purpose of this course is to introduce the student to an in-depth study of the basic principles of biological processes. The units will include biochemistry, cell functioning, photosynthesis, respiration, DNA, genetics, biotechnology, evolution, surveys of the six kingdoms, human systems, and ecology. Emphasis will be placed on analysis and critical thinking skills. Considerable writing of essays on tests, homework, and lab reports will be required. Dissection will be required.

## **Integrated Chemistry and Physics**

**839**

Grade: 10th  
Prerequisites: Biology  
Quality Points: A = 4

Integrated Chemistry and Physics explores matter, energy, and the interaction between matter and energy. The course is designed to provide a stronger background in the physical principles of nature. Topics include atomic structure, chemical properties, chemical reactions, motion, energy, waves, electricity and nuclear reactions. Emphasis is placed on applying the physical principles and gaining an understanding of the concepts. Laboratory work is an integral part of this course and reinforces the concepts presented. Hands-on activities improve skills in measuring, graphing, interpreting results, and communicating results.

## **Advanced Chemistry**

**829**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: Biology, Advanced Algebra I, Geometry, Algebra II (may be taken concurrently) and Department Approval  
Quality Points: A = 4

This course covers the fundamentals of chemistry. Topics will include, but are not limited to, atomic structure, writing chemical names and formulas, balancing chemical equations, solving stoichiometric problems, behavior of gases, properties of solutions, and acid-base chemistry. Students will participate in lab activities and will be evaluated on their performance and lab results. Information in this course is progressive by nature and requires recall of information accumulated throughout the year.

## Honors Chemistry

832

Grade: 10th, 11th or 12th

Elective

Prerequisites: Biology, Adv. Geometry, Algebra II (may be taken concurrently) and Department Approval (must have at least a B in Honors math or an A in Advanced math; must have at least a B in Advanced Biology or an A in Biology)

Quality Points: A = 5

This covers the structure, properties, and changes of matter. The content includes atomic structure, bonding, chemical names and formulas, periodic properties, chemical equations and types of reactions, stoichiometric calculations, acid base theories, and topics in redox and equilibrium. Laboratory activities and their written results are relevant to course evaluation.

## Oceanography

835

Grade: 11th and 12th

Elective

Prerequisites: Biology and Department Approval

Quality Points: A = 4

Oceanography explores the geology, chemistry, physics, marine biology, and ecology of the oceans. The topics covered in this course include ocean topography, water chemistry, tidal patterns, currents and waves, marine organisms from seaweeds to sharks, as well as ecosystems such as coral reefs and the deep. Environmental impacts, cultural issues, and the history surrounding the oceans will also be discussed. The course involves lab activities such as dissections, multimedia presentations, lecture, note taking and creative research projects. Students will develop an understanding and appreciation for the ocean and its complex systems. **Students must participate in four dissections.**

## Environmental Science

833

Grade: 11th and 12th  
Elective  
Prerequisites: Biology and Department Approval  
Quality Points: A = 4

Environmental Science is offered to those students interested in studying present issues concerning the earth and its environment. The course seeks to prepare the student to understand some grave issues facing our planet in the 21st century. Topics covered include the ecology of organisms, the human role in protecting the environment, extinction of species, energy resources and consumption, populations, and various pollutants. Discussion focuses on the causes of present environmental issues and includes problem solving to seek answers. Labs, projects, and activities relating to current issues are an important part of the course. Research, short papers and/or presentations are required.

## Honors Anatomy and Physiology

844

Grade: 11th and 12th  
Elective  
Prerequisites: Biology, Honors Chemistry (must have a B average) or Advanced Chemistry (must have an A average) and Department Approval  
Quality Points: A = 5

This course is a yearlong, elective course designed for those students who may want to enter the medical or biological fields. The course is an in-depth study of the systems of the human body. Emphasis is placed on the structure and function of the digestive, circulatory, respiratory, locomotive (skeletal and muscular), and excretory systems. Students will be required to learn the parts of each system, understand the functions of each part, and the interdependence of the systems. **Dissection of the cat and a research paper are required.** Strong memorization skills are required for success.

## **Physics**

**838**

Grade: 11th and 12th

Elective

Prerequisites: Geometry, Biology and Departmental Approval

Quality Points: A = 4

This introductory physics course is designed to relate the principles of physics to the world that surrounds the students. The topics include motion, force, energy, properties of matter, heat, sound, light, electricity and magnetism, and atomic theory. The concepts of physics are emphasized using a minimum of mathematical problem solving. The course will exhibit the connection between physics and the student's world through activities. This class meets every day for a year.

## **Honors Physics**

**845**

Grade: 11th and 12th

Elective

Prerequisites: Biology, Honors Chemistry (may be taken concurrently), Algebra II (must have at least a B in Honors Algebra II or an A in Advanced Algebra II) and Department Approval

Quality Points: A = 5

This introductory, one-year physics course covers the major topics in physics and uses a variety of media. The topics include motion, force, work, energy, thermodynamics, waves, optics, electricity, magnetism, quantum and atomic theory and the nucleus. Problem-solving and laboratory work are integral parts of the course.

## **Forensic Science**

**850**

Grade: 11th and 12th

Elective:

Prerequisites: Successfully completed Biology and Chemistry

Quality Points: A = 4

This semester course will familiarize students with the basic principles and uses of forensic science in the American justice system. Students will be able to apply biological, physical and chemical sciences to questions of evidence and law. It will assist students in developing critical thinking and problem solving skills.

## Advanced Placement Biology

841

Grade: 11th and 12th

Elective

Prerequisites: Advanced Biology (with a B+ average), Honors Chemistry (with a B+ average), Honors Physics (may be taken concurrently) and the AP selection process.

Quality Points: A = 5

This course prepares the student to take the AP exam. It is designed for students who are strongly considering furthering their studies in the life sciences and/or medical fields. The course content includes in-depth study of biochemistry, energy flow and biochemical reactions, cellular metabolism, internal structure and organization of cells, heredity, evolution, population genetics, ecosystems and community interactions, and botanical and zoological diversity. AP labs and other labs are incorporated throughout the course. Students are involved in problem solving, doing experimentations, and writing essays on various topics. Students must take the AP Biology exam given in May.

**The AP selection process will include consideration of PSAT scores, GPA, previous science grades, evaluation of current work and departmental guidelines.**

## Advanced Placement Chemistry

842

Grade: 11th and 12th

Elective

Prerequisites: Biology, Honors Chemistry, (with at least a B+) Honors Algebra II (with at least a B+) or Advanced Algebra II (with an A average) Honors Physics (may be taken concurrently); and the AP selection process.

Quality Points: A = 5

AP Chemistry is designed as a second year chemistry course. This is an elective science covering the topics usually included in a first-year college course in chemistry. The course content includes an in-depth study of bonding, solutions, acids and bases, equilibrium, kinetics, thermodynamics, and descriptive chemistry. Laboratory activities comprise forty percent of course time. Student must take the AP Chemistry examination in May.

**The AP selection process will include consideration of PSAT scores, GPA, previous science grades, evaluation of current work and departmental guidelines.**

## Advanced Placement Environmental Science

843

Grade: 11th and 12th

Elective

Prerequisites: Biology, Honors Chemistry or Honors Physics and the AP selection process.

Quality Points: A = 5

This course covers topics usually included in a first year college course in environmental science. AP Environmental Science provides the student with the opportunity to understand interrelationships of the natural world, to investigate natural and man-made environmental problems and to explore ideas to prevent or solve these problems. Topics covered include renewable and nonrenewable resources, earth dynamics, cycling of matter, ecosystems, atmospheric dynamics, environmental quality, and energy production and development along with their local and global consequences. Students are involved in laboratory work, problem solving, research and fieldwork related to environmental issues. Environmental community service hours are required each quarter in addition to any service hours for religion. Students must take the AP Environmental exam in May.

**The AP selection process will include consideration of PSAT scores, GPA, previous science grades, evaluation of current work and departmental guidelines.**

## Advanced Placement Physics C: Mechanics

847

Grade: 12th

Elective

Prerequisites: Biology, Honors Chemistry, Honors Physics, AP Calculus can be taken concurrently

Quality Points: A = 5

This course is a full year in-depth study of Newtonian mechanics. The content includes kinematics, Newton's laws of motion, work, energy and power, systems of particles and linear momentum, circular motion and rotation, and oscillations and gravitation. The course is heavily lab based. Students will be required to keep a lab notebook. Students will be involved in problem solving that will include the use of calculus. Students must take the AP Physics exam given in May.

**The AP selection process will include consideration of PSAT scores, GPA, previous science grades, evaluation of current work and departmental guidelines. Recommend: B+ in Honors Physics and strong math and reasoning skills.**

## Introduction to Engineering

581

Grade: 11th and 12th

Elective:

Prerequisites: None

Quality Points: A = 4

Introduction to Engineering is a yearlong course designated to introduce the students to the world of technology and engineering and to prepare the students for the second year Honors Engineering course. Through this course students will explore various methods and tools used in engineering projects. The course will introduce the student to the following topics: principles of Metrology, theoretical and practical aspects of precision measurements; introduction to AutoCAD, a computer-aided drafting software program used to create blueprints for buildings, bridges, computer chips and other engineering parts; principles of 3D Printing, a process of making a physical object from a three-dimensional digital model; principles of Statics and Strength of Material, a subject which deals with the behavior of solid objects subject to stress and strains; introduction to Material Science, study of the relationships between the synthesis, processing, structure, and performance of materials; principles of Low Voltage Electric Circuits, Electric Motors, Electric Generators, and Integrated Circuits; principles of C++ programming with Arduino microcontroller. The projects will be accomplished individually and in teams mostly in class. Quizzes, Midterm Exam and Final Exam will be used to assess students' learning.

## Honors Engineering

582

Grade: 12th

Elective

Prerequisites: Introduction to Engineering and/or departmental approval

Quality Points: A = 5

Honors Engineering is a yearlong course designed to prepare students who want to pursue a degree in Science Technology Engineering Mathematics (STEM). This is a second year of a two-year program and will address more advanced engineering topics. The course will introduce the student to the following topics: advanced topics of AutoCAD, a computer-aided drafting software program used to create blueprints for buildings, bridges, computer chips and other engineering parts; introduction to MATLAB (MATrix LABoratory), a tool for numerical computation and visualization to solve engineering and scientific problems; introduction to C++ object oriented programming (OOP) language; introduction to Virtual Reality, a computer-generated simulation of a three-dimensional image or environment that can be interacted with in a seemingly real or physical way by a person using special electronic equipment, such as a helmet with a screen inside or gloves fitted with sensors. During the course of the year students will complete a number of individual and team projects. Quizzes, Midterm Exam and an Engineering Graduation Project of students' choice will be used to assess students' learning.

## **SOCIAL STUDIES DEPARTMENT**

### **Ancient World History**

**925**

Grade: 9th  
Required  
Prerequisites: None  
Quality Points: A = 4

This course will broaden the basic skills used to examine history. Students will begin to develop a deeper understanding of historical concepts and relationships by learning how to use analytical and critical reading, thinking and writing in the freshman year. It will begin with an introduction to the origins of government and society in the Western World through studying the Ancient World, Ancient Greece and Ancient Rome and the forms of government that developed Western societies including the U.S. government. This class meets every day for one semester.

### **World History**

**921**

Grade: 10th  
Required  
Prerequisites: None  
Quality Points: A = 4

This is a survey course in World History with a scope and sequence that includes both western and non-western to the present. The coverage of this course extends from the early Middle Ages to the present. This course builds upon the skills that were introduced in the ninth grade Ancient World History course. This course will teach evaluating historical evidence with primary source documents and analyzing visual primary sources. This class meets every day for one year.

## **Advanced World History**

**922**

Grade: 10th

Required

Prerequisites: A B in Advanced English 9 or an A- in English 9 and department approval

Quality Points: A = 4

This is a survey course with a scope and sequence that includes both western and non-western world. The coverage of this course extends from the early Middle Ages to the present. This course builds upon the skills that were introduced in the ninth grade Ancient World History course. As an advance course, it will require analytical and critical thinking and writing skills including outside research. This course meets every day for one year.

## **Honors World History**

**924**

Grade: 10th

Required

Prerequisites: Student must undergo a selection process including a written work product, a grade of B in 9th grade Advanced English, or an A- in English 9. PSAT Evidenced Based Reading and Writing scores are taken into consideration.

Quality Points: A = 5

This course includes the main topics that are taught in World History but also will include a more comprehensive focus on areas outside Western Civilization. The additional focus will be on the civilizations of Asia, Africa and the Americas. Students will be required to do much more reading, frequent short papers, and extended writing assignments. Students will be required to use supplemental readings from The Human Record. This course meets every day for one year.

## **U.S. History**

**931**

Grade: 11th

Required

Prerequisites: World History

Quality Points: A = 4

This is a survey course in U. S. History. The following topics are among those discussed: discovery and colonization, the revolution and the national era, the Civil War and reconstruction, industrialism and the Progressives, the two World Wars, and post-World War II. This course meets every day for one year.

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

**932**

Grade: 11th

Required

Prerequisites: A B+ in Advanced World History, a B in Honors World History, or an A in World History and a strong recommendation from the student's current English teacher.

Quality Points: A = 5

This course includes the main topics that are taught in U.S. History, but will require reading of historical fiction and primary source material as well as several short papers on topics appropriate to the course materials. This course meets every day for one year.

## **Advanced Placement U.S. History**

**933**

Grade: 11th

Required

Prerequisites: Students must undergo the normal AP selection process including submission of their World History grade and Evidence Based Reading and Writing PSAT scores and teacher recommendation.

Quality Points: A = 5

This course includes the main topics that are taught in U.S. History, but will require much more reading including primary sources, and frequent short papers. The short papers are of two types: the Free-Response Essay and the Document-Based Question. Students are required to take the Advanced Placement U.S. History Exam given in May. This course meets every day for one year.

## **Psychology**

**941**

Grade: 11th and 12th

Elective

Prerequisites: None

Quality Points: A = 4

This course discusses such topics as humanism, behaviorism, Freud and the major pioneers in psychology, personality, intelligence, learning, developmental theories, psychological testing and abnormal psychology. This class meets every day for one semester.

## **Advanced Placement Psychology**

**962**

Grade: 11th and 12th

Elective

Prerequisites: Rising juniors must have an A in their Honors English class. Rising seniors must have an A in their Honors English class unless they are in AP English, in which case they can have a B and still qualify for the course. Possible selection work may be required.

Quality Points: A = 5

The AP Psychology course is a yearlong course designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will also learn about the ethics and methods psychologists use in their science and practice. Students are required to take the AP Psychology exam given in May.

## **Politics**

**942**

Grade: 12th

Required

Prerequisites: World History and U. S. History

Quality Points: A = 4

This is a basic course in American government. It includes the structure of the national and state governments, the constitution and the law, and the obligations of citizenship. This class meets every day for one semester.

## **Honors Politics**

**940**

Grade: 12th

Required

Prerequisites: Students must have an A both semesters in U.S. History or a B+ both semesters in Honors or a B in A.P. U.S. History.

Quality Points: A = 5

This is an honors level course in American government and political systems. Students study the same topics as the traditional government class, but will have additional reading and writing assignments. This course enables the student to develop an understanding of the main principles and philosophies behind our modern political system, as well as an understanding of national and state governments and the constitutional and legal system. This course meets every day for one semester.

## **Economics**

**943**

Grade: 12th

Required

Prerequisites: World History and U.S. History

Quality Points: A = 4

This is a survey course covering the study of microeconomics. Primary focus is on the American economic system and topics covered include: demand, supply, market structures and the role of price in the market. In addition, students will be exposed to a variety of personal finance topics. This class meets every day for one semester.

## **Honors Economics**

**950**

Grade: 12th

Required

Prerequisites: Students must have a B+ in both semesters of Honors Pre-Calculus or an A- in both semesters of pre-calculus. Students must go through selection process.

Quality Points: A = 5

This course will give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumer and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of market factors and the role of government in promoting greater efficiency and equity in the economy. The study of economics requires the student to understand that, in any economy, the existence of limited resources along with unlimited wants results in the need to make choices. Successful students in this course have demonstrated an above average aptitude in math. This class meets every day for one semester.

## **Advanced Placement Microeconomics**

**948**

Grade: 12th

Elective

Prerequisites: B+ in Honors Pre-calculus or an A in pre-calculus, departmental approval, and Math and Evidence Based Reading and Writing SAT scores will be considered and utilized for selection

Quality Points: A = 5

The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Students are required to take the Advanced Placement Microeconomics exam given in May. This class meets every day for one semester

## **AP Microeconomics and AP Macroeconomics**

**951**

Grade: 12th

Elective

Prerequisites: B+ in Honors Pre-calculus or an A in Pre-Calculus, departmental approval, and Math and Evidence Based Reading and Writing SAT scores will be considered and utilized for selection.

Quality Points: A=5

This is a yearlong class in AP Economics. It will cover topics in both microeconomics and macroeconomics. The microeconomics portion of the class will emphasize the nature and functions of product markets and includes the study of factor markets and the role of government in the economy. The macroeconomics portion of the class will emphasize the study of national income and price-level determination and also develop students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. Students must take both the Advanced Placement Microeconomics and Advanced Placement Macroeconomics exams given in May. This class meets every day for the entire year.

## **Advanced Placement United States Government 944**

Grade: 12th

Required

Prerequisites: Students must participate in the AP selections process that includes departmental approval after submission of their U.S. History and English grades. PSAT writing and language scores and overall GPA will also be considered in the selection process. At a minimum, students must have an A- both semesters in Honors English or B both semesters in AP English. Also, students must have an A- both semesters in Honors U.S. History or a B both semesters in AP U.S. History.

Quality Points: A = 5

This is an advanced course in American government and political systems. Students will study the same topics as the traditional government class, but will have additional reading and writing assignments. This course enables the student to develop an understanding of the main principles and philosophies behind our modern political system, as well as an understanding of national and state governments and the constitutional and legal system. Students will be required to take the AP Government test in May. This course meets every day for one semester.

## **Advanced Placement U.S. Government and Comparative Government 952**

Grade: 12th

Prerequisites: Students must participate in the AP selections process that includes departmental approval after submission of their U.S. History and English grades. PSAT writing and language scores and overall GPA will also be considered in the selection process. At a minimum, students must have an A- both semesters in Honors English or B both semesters in AP English. Also, students must have an A- both semesters in Honors U.S. History or a B both semesters in AP U.S. History.

Quality Points: A = 5

This is a yearlong class. In addition to the topics covered in AP U.S. Government, in this class students will develop an understanding of political theory and of global studies through specific analysis of different political entities. Students will learn the process that political scientists use to analyze and evaluate political systems. Upon completion of the Comparative Government portion of this class, students will be equipped to understand and evaluate geopolitical issues in an informed manner and will have developed the tools and methodology to understand and

evaluate geopolitical issues that will arise in the future. Students must take both the Advanced Placement U.S. Government and Advanced Placement Comparative Government exams given in May. This class meets every day for the entire year.

### **United States History Through Film**

**963**

Grade: 10th and 11th  
Prerequisites: None  
Quality Points: A = 4

This course examines Hollywood feature films and historical dramas as historical evidence. In this course, students will study individual time periods in American history, view movies on various topics, participate in discussions, and write essays comparing film evidence to information in more traditional sources, such as articles, primary source documents, and critical commentaries. Students will analyze how American cultural and social conflicts are portrayed and worked out in popular film. By watching, discussing, and writing about these films, students will examine how motion pictures ultimately create a window into American society.

### **The Holocaust and Social Justice: A Historical Perspective**

**964**

Grade: 10th and 11th  
Prerequisites: None  
Quality Points: A = 4

This course will lead students in a study of the events leading up to and including the Holocaust (Shoah) in order to gain a deeper understanding of genocide as an outgrowth of accumulated hatred and discrimination. Students will explore and appreciate the role of the different social and religious institutions in the making of the Holocaust and other more recent genocides. Students will evaluate today's social and religious atmosphere with an eye to preventing discrimination and persecution in local communities.

## THEOLOGY DEPARTMENT

### **Faith and Revelation: Knowing God through Sacred Scripture**

**013**

Grade: 9th  
Required: 1st Semester  
Prerequisites: None  
Quality Points: A = 4

This course begins with a brief orientation to philosophy and logic. The remainder of the course examines how God reveals himself to people. It examines Divine Revelation, that is, the inspired Word of God unveiled gradually throughout the history of salvation handed down as Sacred Tradition and written down as Sacred Scripture. It examines how the Magisterium of the Church transmits the Deposit of Faith infallibly and how our understanding of God's Revelation leads us to a more intimate relationship with the three Persons of the Blessed Trinity in this life and to eternal life in Heaven. It also explains how to read the Bible, emphasizing how the New Testament in Christ fulfills the covenants and promises that God made with his people in the Old Testament.

### **The Blessed Trinity and Our Christian Vocation**

**014**

Grade: 9th  
Required: 2nd Semester  
Prerequisites: None  
Quality Points: A = 4

This course presents the Blessed Trinity – one God in three divine Persons: Father, Son, and Holy Spirit – which is the central mystery of the Christian Faith. We are called to know and love God and to share in his divine life. Following the Nicene Creed and based on Sacred Scripture, the role of each Person of the Blessed Trinity in the plan of salvation and the Christian life is examined. It also looks at the role of the Blessed Virgin Mary as the Mother of God, Mediatrix, and Intercessor for all people. Ten hours of service are required.

## **The Mystery of Redemption and Christian Discipleship**

**023**

Grade: 10th  
Required: 1st Semester  
Prerequisites: None  
Quality Points: A = 4

This course examines the meaning of redemption; Original Sin; and how the salvific promise made to our first parents is fulfilled in the life, Death, Resurrection, and Ascension of Jesus Christ. Next, it explains how the Church continues the redemptive mission of Jesus Christ in the world today and how his redemption is applied in our own lives. The course also looks at how we are called to be formed in the image of Christ, who is the exemplar of the Christian life, and to cooperate with God's grace in every instance of our lives. Ten hours of service are required.

## **The Church: Sacrament of Salvation**

**024**

Grade: 10th  
Required: 2nd Semester  
Prerequisites: None  
Quality Points: A = 4

The Church, which is established by Jesus Christ and guided by the Holy Spirit, continues the salvific ministry of Christ in the world today; thus, the Church is both the Sacrament of Communion and the Sacrament of Salvation. This course presents the mission of the Church; her infallible teaching authority; the Sacraments as the primary means of transmitting God's grace; the role of the Blessed Virgin Mary, the Mother of the Church; the Universal Call to Holiness; and the four marks of the Church. Ten hours of service are required.

## **The Sacraments: Source of Our Life in Christ**

**034**

Grade: 11th  
Required: 1st Semester  
Prerequisites: None  
Quality Points: A = 4

This course recognizes how Jesus Christ, through his great love for us, instituted the Sacraments as the ordinary means of receiving salvation and entrusted them to the Church. It examines each Sacrament as a primary source of grace and an intimate encounter with Jesus Christ. Each of the Seven Sacraments is presented in its own chapter. It includes an investigation of major symbols associated with each sacrament and how each sacrament enables us more fully to be holy as Christ is holy. Ten hours of service are required.

## **Our Moral Life in Christ**

**036**

Grade: 11th  
Required: 2nd Semester  
Prerequisites: None  
Quality Points: A = 4

Through participation in this course students will learn how a well-formed conscience is essential to make moral decisions. This course aids the formation of our consciences by presenting an overview of the moral teachings of the Catholic Church. Following the Ten Commandments as elevated and perfected by Jesus Christ, it shows how we, aided by God's grace, can imitate the life of Christ in every circumstance of our lives taught by the Beatitudes. It examines topics important to social justice and the sacredness of human life. Ten hours of service are required.

## **History of the Church**

**043**

Grade: 12th  
Required: 2nd Semester  
Prerequisites: None  
Quality Points: A = 4

This course begins with the story of God's definitive intervention into human history in the Person of his Son and continues through his Church to the present day. In his plan of salvation, God sent the Holy Spirit to act through members of the Church to further his salvific mission to the whole world. It examines the lives of the saints and how they—by cooperating with God's grace in response to their divine vocations—helped to shape the life of the Church as well as Christian society and culture. This course will also provide and overview of sacred literature, art and music as an integral part of the liturgical life in each historical period. Ten hours of service are required.

## **Catholic Apologetics**

**046**

Grade: 12th  
Required: 1st Semester  
Prerequisite: None  
Quality Points: A = 4

This course prepares students for active dialogue with non-Catholics in the public sphere. It teaches the practical art of promoting the truth with charity in conversation with those not familiar with the Catholic faith. It builds on a basis of logical reasoning, and giving thoughtful explanation in response to atheism, non-Christian religions, and non-Catholic Christians. Major topics include the existence of God, miracles, Christ's Resurrection, the role of Mary and the saints, and the authority of the Church. Ten hours of service are required.

## **The Social Doctrine of the Catholic Church**

**045**

Grade: 12th  
Required: 2nd Semester  
Prerequisite: None  
Quality Points: A = 4

This course introduces students to the social teachings of the Catholic Church, a rich body of thought covering love and family, law and justice, war and peace, wealth and poverty, rights and duties, and freedom and obligation. This course shows how through the ages the Magisterium of the Church responds to social developments by interpreting Divine Revelation and teaching the demands of the Gospel with authority. The student will learn how Christ's divine love for others, especially the poor and most vulnerable, is present today in the Church's social doctrine and mission. Ten hours of service are required.

## **Vocations and the Universal Call to Holiness**

**051**

Grade: 12th  
Required: 1st Semester  
Prerequisites: None  
Quality Points: A = 4

This course explores the vocations of life that spring from our Baptism and how God calls each of us to holiness on earth and to eternal life with him in heaven. This course examines the universal call to holiness and its importance in the Christian life. It also analyzes the unique plan that God has for each individual in the vocations to Marriage, Holy Orders, the consecrated life, and the committed single life. Finally, it explains how each person can prayerfully discern the will of God in his or her own life. Ten hours of service are required.

## **Gospel Values and Film**

**033**

Grade: 11th and 12th  
Elective:  
Prerequisites: None  
Quality Points: A = 4

This semester course helps students develop a standard for analyzing what they see portrayed in cinema based on the Gospel of Jesus Christ so as to grow in Christian discipleship. This course will teach students to evaluate the impact of movies on their beliefs, values, and behaviors. The student will be encouraged to move from being a passive viewer to an active critical thinker. Current films will be viewed. Ten hours of service are required.

# VISUAL AND PERFORMING ARTS DEPARTMENT

## **Art I**

**311**

Grade: 9th  
Elective  
Prerequisites: None  
Quality Points: A = 4

Art I is an introductory course focusing on fundamental art skills. Various media and tools will be explored throughout the semester including painting, drawing, sculpture, and mixed media. An emphasis will be placed on understanding and practicing the use of the Elements of Art. This class meets every day for a semester.

## **Art II**

**321**

Grade: 10th  
Elective  
Prerequisites: Art I and departmental guidelines  
Quality Points: A = 4

Art II is an intermediate course focusing on fundamental art skills. Various media and tools will be explored throughout the semester including painting, drawing, sculpture, and mixed media. An emphasis will be placed on mastering the use of the Elements of Art and Principles of Design. This class meets every day for a semester.

## **Art III**

**331**

Grade: 11th  
Elective  
Prerequisites: Art II and departmental guidelines  
Quality Points: A = 4

Art III is an intermediate course focusing on proficient art skills. Various media and tools will be explored throughout the semester including painting, drawing, sculpture, and mixed media. An emphasis will be placed on mastering the use of the Elements of Art and Principles of Design, as well as art history and art criticism. This class meets every day for a semester.

## **Honors Art**

**341**

Grade: 12th  
Elective  
Prerequisites: Art III and departmental guidelines  
Quality Points: A = 5

Honors Art is an advanced course focusing on refining proficient art skills. Various media and tools will be explored throughout the semester including painting, drawing, sculpture, and mixed media. An emphasis will be placed on mastering the use of the Elements of Art and Principles of Design, art history, art criticism, and conceptual artwork. This course meets every day for one year.

## **AP Studio Art**

**358**

Grade: 12  
Elective  
Prerequisites: Art III and departmental guidelines  
Quality Points: A = 5

Students in AP Studio Art create a collection of artworks for a portfolio with guidance from the instructor as well as independently. The AP portfolio submission focuses on the student's ability to recognize quality in her or his work; the student's concentration on a sustained investigation of a particular visual interest or problem; and a range of approaches from the formal, technical and expressive means of the student artist. Student portfolios are required for the course and are reviewed by The College Board. This class meets every day for a year.

## **Ceramics**

**317**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: Departmental guidelines  
Quality Points: A = 4

Ceramics is an introductory course focusing on fundamental skills for working with clay. Students will spend one quarter learning to throw various forms on the wheel and one quarter exploring handbuilding techniques including pinch, coil and slab construction. Students will learn various glazing techniques and will explore mixed media application to ceramic sculptures.

## **Digital Photography I**

**316**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: Must have a digital camera  
Quality Points A = 4

This semester course is offered to the novice photographer who wants to learn how to communicate using photography. Students will explore the history of photography while learning the fundamental elements critical to a good photograph. As students develop and learn to recognize their own style, Photoshop will be introduced as a method to process their photographs. This course meets every day for one semester.

## **Photography II**

**328**

Grade: 10th, 11th and 12th  
Elective  
Prerequisite: Photography I, approval of the instructor and a film or digital SLR camera.  
Quality Points: A = 4

This course builds on the basics from Photography I and introduces traditional black & white techniques and processes. Utilizing their film or digital SLR camera, students will learn basic SLR camera operation. Black and white film will be the main source for capturing images. Students will process and develop their own film. Adobe Lightroom will be introduced as the digital darkroom. In addition to black and white, alternative photographic processes will be introduced as a progressive method of photography.

### **Photography III**

**349**

Grade: 11th and 12th

Elective

Prerequisites: Photography I and II, selection by instructor and photography portfolio

Quality Points: A = 4

In this course, students explore techniques that are more advanced, and work with various substrates and camera formats, and photographic processes. Dye sublimation printing will provide additional options for image production. Students will work on approved individual projects to further their understanding of photography as an expressive medium. Subjects of study may include: alternative and historic processes, social documentary, landscape, portrait, photojournalism, and collage. This course consist of photographic projects, technical demonstrations, and a study of the history of photography, and regular class critiques and discussions. There will be occasional self-reflections and journal keeping. Most of the photography assignments consist of both homework and classroom projects. This class meets every day for a semester

### **Introduction to Graphic Design and Digital Media**

**356**

Grade: 10th and 11th

Elective

Prerequisites: None

Quality Points: A = 4

In this course, students will explore the fundamentals of graphic design and digital media using the software pre-loaded and/or available for school issued computers. Further study will introduce Graphic Design with in depth instruction that will help students become self-sufficient beyond the basic digital toolbox available at CCHS. Students will be introduced to graphic and photographic product of development, printing of their designs using sublimation printing, demonstrating commercial viability of their product. This class meets every day for a semester.

## **Freshman Chorus**

**312**

Grade: 9th  
Elective  
Prerequisites: None  
Quality Points: A = 4

This course offers incoming freshmen an opportunity to develop their singing voices through choral singing, correct breathing, sight singing, and vocal production techniques. The students will explore music from a variety of styles and genres. They will also experience vocal audition techniques, music reading, intervals, and learn listening techniques. This class meets every day for a semester.

## **Choral Ensemble**

**332**

Grade: 10th  
Elective  
Prerequisites: Freshman Chorus or audition  
Quality Points: A = 4

The Choral Ensemble is a select group of students that performs three times a year in the Fine Arts Festivals for the parents and the student body. The members learn sight singing, music reading, vocal production techniques and four-part singing. The class often participates in statewide choral contests. This class meets every day for a year.

## **Honors Choral Ensemble**

**359**

Grade: 10th  
Elective  
Prerequisites: Freshman Chorus or audition  
Quality Points: A = 5

This class is for members of the Choral Ensemble who wish to receive honors credit for their participation in choir. Honors credit is given to students who complete additional requirements set by the Visual and Performing Arts Department faculty. These requirements can be obtained from the Director of Choral Studies. (Meets during Choral Ensemble)

## **Concert Choir**

**360**

Grade: 11th and 12th  
Elective  
Prerequisites: Choral Ensemble and/or audition  
Quality Points: A = 4

This class is a yearlong class for the choral student who shows special interest and ability in singing and musical knowledge. Students must perform in three school/parent concerts each year. They will learn and perform different genres of choral music and learn to be proficient in music reading through solfege and interval knowledge. Students may audition for Mars Hill College choral Festival, NC Allstate Choral Festival and NC MENC Honors Chorus. This class will also participate in NC Large Chorus Festival, out-of-state competition trips or New York/Carnegie Hall Choral Experiences.

## **Honors Concert Choir**

**361**

Grade: 11th and 12th  
Elective  
Prerequisites: Choral Ensemble and/or audition  
Quality Points: A = 5

This offering is for the Concert Choir student who wishes to receive honors credit for their participation in class. To earn this additional credit, students must have a preliminary audition for Mars Hill College Choral Festival and NC MENC Honors Chorus. They will be tested quarterly on choral repertoire, sight singing, and music notation. They may be expected to serve as section leaders. The students are also responsible for all expectations of the Concert Choir class. (This class will meet during Concert Choir class)

## **Honors Women's Chamber Ensemble**

**329**

Grade: 11th and 12th  
Elective  
Prerequisites: Choral Ensemble and/or audition  
Quality Points: A = 5

This course is an advanced level choral group for women with previous singing experience. Attention is focused on the development of vocal performance, embouchure, diction, balance, rhythm, and intonation. Musical, aural, choral and critical thinking skills are continually integrated into the rehearsal process throughout the year. A wide range of periods, styles and culture of music will both be researched and studied. There are numerous school and community concerts each year which furthers the leadership and performance opportunity for students.

## **Honors Men's Chamber Ensemble**

**357**

Grade: 11th and 12th  
Elective  
Prerequisites: Choral Ensemble and/or audition  
Quality Points: A = 5

This course is an advanced level choral group for men with previous singing experience. Attention is focused on the development of vocal performance, embouchure, diction, balance, rhythm, and intonation. Musical, aural, choral and critical thinking skills are continually integrated into the rehearsal process throughout the year. A wide range of periods, styles and culture of music will both be researched and studied. There are numerous school and community concerts each year which furthers the leadership and performance opportunity for students.

## **Beginning Theater**

**319**

Grade: 9th  
Elective  
Prerequisites: None  
Quality Points: A = 4

Students will learn what goes into the creation of Theater. From live theater to film, with the involvement of playwriting, sound, lights, audience influence and interaction, students will gain an understanding of how theater affects our everyday lives. A great course for an arts student, or anyone wanting to benefit from teamwork and collaboration. This course involves project based learning that engages the specific interests of individual students. This course is a stepping stone to other theater courses offered at CCHS.

## **Acting**

**330**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: Selection by audition  
Quality Points: A = 4

This course is offered to students who desire to seriously pursue all acting techniques for the stage as well as screen. This course will include at least one production each semester. Students will participate in Theatre competitions and be able to explore acting for the camera and stage, as well as directing, playwriting, cinematography and video editing. The student will learn and perform acting techniques, styles, and the processes of producing a play. This class meets everyday for a full year.

## **Honors Acting**

**348**

Grade: 11th and 12th

Elective

Prerequisites: Any previous CCHS theater class and audition

Quality Points: A = 5

Honors Acting is a yearlong class that requires students to put time, energy and commitment into fulfilling superior theater student requirements. Students will compete in Theater competitions and will need to excel above and beyond the work that goes into a production. Students must read, memorize, analyze, present, and accept criticism. They will work together to create moments on stage that further excels their abilities, and the theater program as a whole. In addition to multiple performances throughout the year, students will also be working on film projects for presentation.

## **Technical Theater**

**340**

Grade: 10th, 11th and 12th

Elective

Prerequisites: Selection based on departmental guidelines

Quality Points: A = 4

Want to learn construction? This course provides students with hands-on building experience used not only for theatrical sets, but for basic woodworking projects as well. This course is for students who are interested in working behind the scenes of theater. In addition to building sets, students will learn about lighting, sound, and intense teamwork. Students in this class provide technical support for other CCHS functions.

## **Costume Design and Production**

**355**

Grades: 10th, 11th and 12th

Elective:

Prerequisite: Selection based on departmental guidelines

Quality Points: A = 4

This yearlong course is for any student looking to explore the worlds of fashion design. Although students will make costumes for Theater productions, the practicality of clothing construction is beneficial to all. Students will design and construct costumes, while working directly with the director and actors. This course is project based and will provide the student with hands-on knowledge of the industry.

## **Dance I**

**314**

Grade: 9th  
Elective  
Prerequisites: None  
Quality Points: A = 4

Dance I is an introductory course for incoming freshman with little or no formal dance instruction, but offered to those interested in learning and possibly furthering their dance knowledge and technique. All areas of dance are studied including basic choreography skills and the study of dance history. This class enables the student to be prepared for performance level dance sophomore-senior year, if applicable. This class meets every day for one semester.

## **Dance II**

**323**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: Selection by audition or completed Dance I  
Quality Points: A = 4

Dance II is an intermediate to advanced level dance class in which students with previous dance experience either outside of school or through Dance I freshman year can continue to improve their dance techniques and performance skills. The students explore various dance styles and focus on the memorization of planned choreography for 1-2 required staged performances per semester in collaboration with the concert choir. The class will meet every day for a semester.

## **Honors Music Theory**

**346**

Grade: 11th and 12th  
Elective  
Prerequisites: Strong musical background  
Quality Points: A = 5

This class is designed to build upon already acquired musical knowledge. Students will learn to analyze and create music with the understanding of common practices in Western music including scales, intervals, counterpoint, figured bass and chord analysis.

## **Symphonic Band**

**370**

Grade: 9th, 10th, 11th and 12th  
Elective  
Prerequisites: Middle school band experience, private lessons or audition  
Quality Points: A = 4

Students with playing experience are eligible for this class through an audition. Students accepted into this ensemble are expected to be proficient on their instrument, have a basic knowledge of music theory, and be fluent in reading music. Various styles of band literature and method books are used to develop individual and group performance skills. Emphasis is placed on tone quality, intonation, and advanced/extended techniques. Students will be expected to attend after school rehearsals and performances. Members of the ensemble are expected to be in the marching band in the fall. Students who play wind instruments should sign up for this course.

## **Honors Symphonic Band**

**371**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: One year of symphonic band or audition  
Quality Points: A = 5

This class is for members of the symphonic band who wish to receive honors credit for their participation in band. In order to receive this credit, students must complete additional requirements that can be obtained from the band director. (Meets during Symphonic Band)

## **Percussion**

**372**

Grade: 9th, 10th, 11th, and 12th

Elective

Prerequisites: Middle school percussion experience, private lessons or audition

Quality Points: A=4

This class is for members of the symphonic band who play percussion instruments. The class will cover the fundamentals of playing percussion instruments and application of musicianship skills to the genre. Members will perform as members of the Symphonic Band in all concerts. In addition, members will perform percussion ensemble literature throughout the year. Students will be expected to attend after school rehearsals and performances. Members of the ensemble are expected to be in the marching band in the fall. Students who play percussion instruments should sign up for this course.

## **Honors Percussion**

**373**

Grade: 10th, 11th and 12th

Elective

Prerequisites: One year of percussion class or audition

Quality Points: A = 5

This class is for members of the percussion who wish to receive honors credit for their participation in band. In order to receive this credit, students must complete additional requirements that can be obtained from the band director. (Meets during Percussion Class)

## **Auxiliary Ensemble**

**374**

Grade: 9th, 10th, 11th and 12th

Elective

Prerequisites: Membership in the Outdoor Performance Ensemble (Marching Band) and band program.

Quality Points: A = 4

This course is a performing arts course focused on color guard, rifle, saber, and auxiliary choreography. Students will learn basic skills and techniques of dance, body movement, choreography, and kinesiology as it applies to color guard.

## **Introduction to Guitar**

**325**

Grade: 10th, 11th, and 12th  
Elective  
Prerequisites: Must have a nylon-string acoustic guitar  
Quality Points: A = 4

This course is designed as a performance based class to give an understanding of the fundamentals of acoustic guitar playing. This includes learning to read and write musical notation, count rhythms, chord shapes, left and right hand technique and tablature. Students will be asked to perform in groups as well as solo. The student will also be asked to create their own music and perform arrangements of popular tunes. The class meets every day for one semester.

## **Guitar II**

**327**

Grade: 10th, 11th and 12th  
Elective  
Prerequisites: Guitar I or audition (Acoustic guitar, preferably nylon string)  
Quality Points: A = 4

This course is designed for the intermediate-advanced guitar student. The course will be a continuation of the material covered in Guitar I with more emphasis on improving the fundamentals with sight reading, scales, chord spellings, modes and finger picking. Students will be asked to perform in groups as well as solo. This class meets every day for one semester.

# WORLD LANGUAGES DEPARTMENT

## **French I**

**411**

Grade: 9th,10th, 11th and 12th  
Elective  
Prerequisites: None  
Quality Points: A = 4

On the linguistic level, this course involves the progressive and elementary acquisition of the four fundamental skills of learning the language: reading, writing, listening and speaking. This goal is met through an intensive study of French grammar: verbs (regular and irregular, present and past tense), syntax, and vocabulary. Oral and written exercises, simple question and answer activities, and readings are used to facilitate the acquisition of the four skills listed above. The teacher guides students to 80% use of the target language.

On the cultural level, the student will learn about geographical, historical, artistic, and everyday life and societal concepts of the French-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **French II**

**421**

Grade: 9th, 10th, 11th and 12th  
Elective  
Prerequisites: French I  
Quality Points: A = 4

This course expands on the foundation laid in French I, continuing to emphasize the comprehension in the four language skill areas: reading, writing, listening and speaking. The linguistic level instruction and communication will be more complex and more difficult. The emphasis throughout the course is on communication in the target language, advance verb study, grammar, idioms and vocabulary for everyday situations. By the end of the year, the student is expected to apply the four skills of a world language with relatively complex and accurate form.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the French-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

### **French III**

**432**

Grade: 10th, 11th and 12th

Elective

Prerequisites: Minimum of a B- in French II in both semesters & Teacher Recommendation.

Quality Points: A = 4

This course is designed for the student who does not plan further study of French in high school. The student is expected to continue to develop a greater understanding and comprehension of the French language, by continuing the development of reading, writing, listening and speaking, with a strong emphasis on grammatical concepts and oral communication. By speaking in the target language, the students are expected to express the vocabulary and the grammar concepts that they have been taught.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the French-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

### **Honors French III**

**431**

Grade: 10th, 11th and 12th

Elective

Prerequisites: Minimum of an A- in French II in both semester and exams & Teacher Recommendation.

Quality Points: A = 5

This course is designed to prepare the student for Honors French IV or AP French, developing in the student a greater comprehension and understanding of more complex reading, writing, listening and speaking. Students work at a rapid pace, are accountable for and expected to speak in the target language utilizing vocabulary and grammar. Vocabulary and advanced grammar and idioms practice is incorporated in speaking and writing assignments.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the French-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## Honors French IV

441

Grade: 11th and 12th

Elective

Prerequisites: Minimum of a B- in Honors French III in both semesters and exams & Teacher Recommendation.

Quality Points: A = 5

On the linguistic level, the acquisition and the honing of the four language skills are still constant goals within a culturally rich setting. The student will actively participate in understanding authentic documents, discuss the content of chapter readings, write their opinions and reactions all while communicating and collaborating with their classmates. Lexical and structural growth are also occurring simultaneously at a fast pace. By speaking in the target language, the students are expected to express the vocabulary and the grammar concepts that they have been taught. This course serves as a springboard to college level and AP courses.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the French-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## Advanced Placement French V

445

Grade: 12th

Elective

Prerequisites: An A in Honors French III or B in Honors French IV in both semesters, and exams, and/or teacher recommendation and a strong work ethic.

Quality Points: A = 5

This course is equivalent to a college course. AP French is designed to advance the student's communicative ability in French within a culturally rich setting. Its main objectives are to further develop the ability to understand spoken French in a variety of contexts; to develop a vocabulary base for reading newspapers, literary text and other media without depending upon a dictionary; to improve the ability to express oneself in written and spoken French with reasonable fluency and accuracy. This class is taught by content where linguistic skills can be practiced and reviewed. Students enrolled in this course are required to take the AP French test in May.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the French-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **German I**

**412**

Grade: 9th,10th, 11th and 12th

Elective

Prerequisites: None

Quality Points: A = 4

On the linguistic level, this course involves the progressive and elementary acquisition of the four fundamental skills of learning the language: reading, writing, listening and speaking. This goal is met through an intensive study of German grammar: verbs and syntax, and vocabulary. Oral and written exercises, simple questions and answer activities, and reading are used to facilitate comprehension and the acquisition of the four skills listed above. The teacher guides students to 80% use of the target language.

On the cultural level, the student will learn about geographical, historical, artistic, and everyday life and societal concepts of the German-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **German II**

**422**

Grade: 9th, 10th, 11th and 12th

Elective

Prerequisites: German I

Quality Points: A = 4

This course expands on the foundation laid in German I, continuing to emphasize the comprehension in the four language skill areas: reading, writing, listening and speaking. The linguistic level instruction and communication will be more complex and more difficult. The emphasis throughout the course is on communication in the target language, advance verb study, grammar, idioms and vocabulary for everyday situations. By the end of the year, the student is expected to apply the four skills of the German language with relatively complex and accurate form.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the German-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **Honors German III**

**436**

Grade: 10th, 11th and 12th

Elective

Prerequisites: Minimum of a B- in German II in both semesters and exams & Teacher Recommendation.

Quality Points: A = 5

This course is designed to prepare the student for Honors German IV or AP German, developing in the student a greater comprehension and understanding of more complex reading, writing, listening and speaking. Students work at a rapid pace, are accountable for and expected to speak in the target language utilizing vocabulary and grammar. Vocabulary and advanced grammar and idioms practice is incorporated in speaking and writing assignments.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the German-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **Honors German IV**

**447**

Grade: 11th and 12th

Elective

Prerequisites: Minimum of a B- in Honors German III in both semesters and exams & Teacher Recommendation.

Quality Points: A = 5

On the linguistic level, the acquisition and the honing of the four language skills are still constant goals within a culturally rich setting. The student will actively participate in understanding authentic documents, discuss the content of chapter readings, write their opinions and reactions all while communicating and collaborating with their classmates. Lexical and structural growth are also occurring simultaneously at a fast pace. By speaking in the target language, the students are expected to express the vocabulary and the grammar concepts that they have been taught. This course serves as a springboard to college level and AP courses.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the German-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## Advanced Placement German V

451

Grade: 12th

Elective

Prerequisites: An A in Honors German III or B in Honors German IV in both semesters and on exams. A teacher recommendation is also required.

Quality Points: A = 5

This course is equivalent to a college course. AP German is designed to advance the student's proficiency in all four language skills: listening, speaking, reading and writing. Materials used come from the Internet, magazines and newspapers, poetry, screenplays, biographies, etc. Current events as well as political, economic and social systems are discussed. The AP German Language and Culture course is structured around six themes: Global Challenges, Science and Technology, Beauty and Aesthetics, Families and Communities, Contemporary Life, Personal and Public identities. Students enrolled in this course are required to take the AP German exam in May.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the German-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## Latin I

413

Grade: 9th, 10th, 11th and 12th

Elective

Prerequisites: None

Quality Points: A = 4

This course emphasizes the elements of Latin grammar, level-appropriate readings of culture, geography, and mythology, and basic Latin vocabulary. Emphasis is also placed on the Latin roots of English, with comparisons of culture and language. By beginning to speak in the target language, the students will learn to express the vocabulary and the grammar concepts that they have been taught. This course is also helpful in increasing the student's knowledge of English vocabulary, grammar, and syntax, and in the acquisition of any Romance languages.

On the cultural level, the student will learn about geographical, historical, artistic, and everyday life and societal concepts of ancient Rome and her empire; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## Latin II

423

Grade: 9th,10th, 11th and 12th

Elective

Prerequisites: Latin I

Quality Points: A = 4

This course will begin with a review of Latin I grammar and syntax. New grammatical and syntactical forms such as the subjunctive mood and its uses will be introduced. By speaking in the target language, the students will learn to express the vocabulary and the grammar concepts that they have been taught. Readings will include those of well known authors from the ancient world, the Middle Ages, and the Renaissance.

On the cultural level, the student will learn about geographical, historical, artistic, and everyday life and societal concepts of ancient Rome, the Middle Ages and the Renaissance; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## Honors Latin III

433

Grade: 10th, 11th and 12th

Elective

Prerequisites: Minimum of a B- in Latin II in both semesters and exams & Teacher Recommendation.

Quality Points: A = 5

In this course students review vocabulary and grammar. Student will learn the advanced grammar necessary to read authentic Latin prose and poetry. Emphasis will be placed on reading and interpreting Latin literature. By speaking in the target language, the students will learn to express the vocabulary and the grammar concepts that they have been taught.

On the cultural level, the student will learn about geographical, historical, artistic, and everyday life and societal concepts of ancient Rome, the Middle Ages, and the Renaissance; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **Honors Latin IV**

**442**

Grade: 11th and 12th

Elective

Prerequisites: Minimum of a B- in Honors Latin III in both semesters and exams & Teacher Recommendation.

Quality Points: A = 5

Students read selections of Vergil's Aeneid and explore the historical and mythological foundations of the epic. By speaking in the target language, the students will learn to express the vocabulary and the grammar concepts that they have been taught.

On the cultural level, the student will learn about geographical, historical, artistic, and everyday life and societal concepts of ancient Rome; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **Advanced Placement Latin**

**448**

Grade: 12th

Elective

Prerequisites: Minimum of an A- in both semesters of Honors Latin III or Honors Latin IV, placement exam & Teacher Recommendation.

Quality Points: A = 5

Students taking this course study the prescribed AP Latin Vergil and Caesar curriculum. The main objectives are to further widen the student's range of vocabulary, grammar, and syntax and to implement this range in order to appreciate the richness of the Latin epic and the writings of Julius Caesar. By speaking and discussing the readings in the target language, the students will learn to express the vocabulary and the grammar concepts that they have been taught. Students taking this course are required to take the AP Vergil/Caesar exam at the end of the school year. It is also recommended that they take the Latin SAT II exam.

On the cultural level, the student will learn about geographical, historical, artistic, and everyday life and societal concepts of ancient Rome; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **Spanish I**

**461**

Grade: 9th,10th, 11th and 12th

Elective

Prerequisites: None

Quality Points: A = 4

On the linguistic level, this course involves the progressive and elementary acquisition of the four fundamental skills of learning the language: reading, writing, listening and speaking. This goal is met through an intensive study of Spanish grammar: verbs and syntax, and vocabulary. Oral and written exercises, simple questions and answer activities, and reading are used to facilitate comprehension and the acquisition of the four skills listed above. The teacher guides students to 80% use of the target language. Spanish I is not open to native or near-native speakers.

On the cultural level, the student will learn about geographical, historical, artistic, and everyday life and societal concepts of the Spanish-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **Spanish II**

**463**

Grade: 9th, 10th, 11th and 12th

Elective:

Prerequisites: Spanish I

Quality Points: A = 4

This course expands on the foundation laid in Spanish I, continuing to emphasize the comprehension in the four language skill areas: reading, writing, listening and speaking. The linguistic level instruction and communication will be more complex and more difficult. The emphasis throughout the course is on communication in the target language, advance verb study, grammar, idioms and vocabulary for everyday situations. By the end of the year, the student is expected to apply the four skills of a world language with relatively complex and accurate form.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the Spanish-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **Spanish III**

**464**

Grade: 10th, 11th and 12th

Elective

Prerequisites: Minimum of a B- in Spanish II in both semesters & Teacher Recommendation.

Quality Points: A = 4

This course is designed to develop in the students a greater understanding and comprehension of the Spanish language, by continuing the development of reading, writing, listening and speaking, with a strong emphasis on grammatical concepts and oral communication. By speaking in the target language, the students are expected to express the vocabulary and the grammar concepts that they have been taught.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the Spanish-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## **Honors Spanish III**

**434**

Grade: 10th, 11th and 12th

Elective

Prerequisites: Minimum of an A- in Spanish II in both semesters & Teacher Recommendation

Quality Points: A=5

This course is designed to prepare the student for Honors Spanish IV or AP Spanish Language and Culture, developing in the student a greater comprehension and understanding of more complex reading, writing, listening and speaking. Students work at a rapid pace, are accountable for and expected to speak in the target language utilizing vocabulary and grammar. Vocabulary and advanced grammar and idioms practice is incorporated in speaking and writing assignments.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the Spanish-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

## Honors Spanish IV

443

Grade: 10th, 11th and 12th

Elective

Prerequisites: Minimum of a B- in both semesters in Honors Spanish III or an A- in both semesters in Spanish III and approval of the instructor

Quality Points: A = 5

On the linguistic level, the acquisition and the honing of the four language skills are still constant goals within a culturally rich setting. The student will actively participate in understanding authentic documents, discuss the content of chapter readings, write their opinions and reactions all while communicating and collaborating with their classmates. Lexical and structural growth are also occurring simultaneously at a fast pace. By speaking in the target language, the students are expected to express the vocabulary and the grammar concepts that they have been taught. This course serves as a springboard to college level and AP courses.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the Spanish-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

**Advanced Placement Spanish V:  
Language and Culture**

**444**

Grade: 11th and 12th

Elective

Prerequisites: Minimum of an A- in Spanish III or a B in Honors Spanish III or Honors Spanish IV in both semesters. In addition to the grade requirements, a student must take the AP Spanish assessment and have Departmental approval to be selected.

Quality Points: A = 5

AP Spanish Language and Culture is designed for the student who has the ability to pursue a college level study in Spanish. Consideration will be given to exceptional students on a case by case analysis. Students will develop proficiencies across the full range of communication modes (interpersonal, presentational and Interpretive) It is a demanding and challenging course in which all students are required to take the AP exam at the end of the school year. This course is equivalent to a third year college course; therefore, the students are required to dedicate a considerable amount of time on a daily basis. It will follow guidelines provided by the College Board. It is also recommended that they take the Spanish SAT II exam.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the Spanish-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.

**Advanced Placement Spanish VI:  
Literature and Culture**

**446**

Grade: 12th

Elective

Prerequisites: Minimum of an A- in AP Spanish V Language and Culture. In addition to the grade requirements, a student must take the AP Spanish assessment (if needed) and have Departmental approval to be selected.

Quality Points: A = 5

This course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry and essays) from Peninsular Spanish, Latin America, and the United States Hispanic Literature. Students will develop proficiencies across the full range of communication modes (interpersonal, presentational and Interpretive), thereby honoring critical reading and analytical writing skills. Literature is examine within the context of its time and place, as students reflect on the many voices and culture present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g. art, film, articles, literary criticism) All students are required to take the AP exam at the end of the school year. It will follow guidelines provided by the College Board.

On the cultural level, the student will continue to learn about geographical, historical, artistic, and everyday life and societal concepts of the Spanish-speaking world; a Catholic component is also included. Aspects from the culture will be studied with reference to Catholic Social Teachings.



CHARLOTTE CATHOLIC  
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**2019 - 2020  
CURRICULUM GUIDE**