

# CAMDEN CATHOLIC HIGH SCHOOL



## COURSE CATALOG

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### 2023-24



# Table of Contents

## Programs of Study

College Prep Courses .....	3
Honors Courses .....	3
Online Coursework .....	3

## College Credit Options

Advanced Placement .....	4
Camden County College Dual Credit Program .....	4

## Special Programs

Cathedral Scholars .....	4
Pilarz Scholars .....	4
McAuley Program .....	4

## Graduation Requirements

Graduation Requirements.....	5
Christian Service .....	6
Senior Project .....	7

## Course Selection Process

Procedures .....	8
Schedule Changes .....	8
Incoming Freshman Course Selection Criteria .....	9
NCAA Eligibility Center .....	9

## Departmental Course Offerings

Religion Department .....	10
Liberal Arts .....	11
English Department .....	11
AP Capstone .....	14
Social Studies Department .....	15
World Language Department .....	18
STEM .....	20
Mathematics Department .....	20
Science Department .....	23
Technology courses .....	27
The Arts .....	28
Fine Arts courses .....	28
Performing Arts courses .....	29
Digital Arts & Media Studies courses .....	31
Electives & Other Required courses .....	32
Health and Drivers Education courses .....	32
Business courses .....	33
McAuley Program .....	34

## Programs of Study

**C**amden Catholic High School seeks to meet students at their current levels of academic success and build their skills, knowledge, and critical abilities in order to encounter the challenges of life. To this end, CCHS offers academic programs of study for students of various ability levels. As the course selection process commences, students should take stock of their accomplishments and select programs of study which best motivate them towards greater levels of academic distinction. The strength of a student's academic program directly affects college admission. The following programs of study are offered for the 2023-2024 academic year. Students will register for courses from several of these programs simultaneously depending on achievement and interest levels.

### PROGRAMS:

**College Prep Courses:** These courses are developed at CCHS and aim to prepare students with the broad range of skills needed for collegiate study. Quantitative and qualitative skills are developed along with written and oral communication abilities, and a broad introduction to critical thinking. Students who engage the College Prep courses at CCHS are continually encouraged to challenge themselves as their abilities develop throughout their high school years.

**Honors Courses:** These courses are developed at CCHS to challenge students with a demanding classroom experience that focuses on higher order thinking skills of analysis, synthesis, and evaluation. These courses require a greater commitment of time and effort on the student's part. In general, students move at a quicker pace, and study subjects in considerable depth.

There are a limited number of seats in Honors Courses. The specific criteria for individual honors courses is listed with the course and is based on previous course grades, test grades in the current course, and exam grades in the current course. Standardized testing including PSATs will be considered for placement in Honors and Advanced Placement courses. The teacher recommendation is the main criteria for course placement. Freshmen are placed in Honors Courses based upon an evaluation of their transcripts as well as their performance on the incoming freshman placement test (see "Freshman Course Selection Criteria").

**Online Course Work:** CCHS has partnered the Arrupe Virtual Learning Institute [AVLI], the leading resource for technology-infused Catholic education, in order to provide the best online blended college preparatory coursework for students. Students who meet the prerequisites for Advanced Placement courses are eligible for AVLI courses. CCHS maintains partnerships with Apex Learning and Educere to offer students courses that are not offered in the CCHS curriculum. Apex Learning addresses the challenge of meeting the diverse needs of students making rigorous curriculum accessible. Educere, specializing in third-party virtual courses, offers a wide variety of college prep level virtual courses from over 40 education providers. Students must meet with the Vice Principal and submit an application for consideration. The costs for online courses are paid by the student and family.





## College Credit Options

**Advanced Placement Courses:** These courses are developed at CCHS according to the standards set forth by the College Board Advanced Placement (AP) Program. Each course curriculum is approved by the College Board. The courses are among the most rigorous courses offered at CCHS, and are designed to culminate with the administration of the AP examination in May. The AP exam is required, and AP exam fees are paid individually by the students, which are collected at the time of course registration. Student eligibility for these courses is the result of prior class work and teacher recommendations.

**Camden County College Dual Credit Program:**

Camden Catholic High School is a participant in Camden County College's Dual Credit Program. The courses included in this program are AP European History, AP Psychology, Honors Chemistry, AP Chemistry, AP English Language and Composition, AP English Literature and Composition, French III, French IV, Latin III, Latin IV, Spanish III, Spanish IV, Spanish V, Honors Precalculus, Data Analytics, and Finite Math. Information about enrolling in these courses is available in class during the first quarter.



## Special Programs

**The Reverend Scott R. Pilarz, S.J. '77 Scholars Program** continues the scholastic and spiritual legacy of past Board of Trustee president, Father Pilarz who served as president of Marquette University and the University of Scranton. The Reverend Scott R. Pilarz, S.J. '77 Scholars Program seeks to develop a community of faith-filled scholars who will participate in an integrated program of leadership training, culminating with the AP Capstone program. Students selected for The Reverend Scott R. Pilarz, S.J. '77 Scholars Program are expected to participate for all four years of high school. Pilarz Scholars must maintain a 4.0 GPA and take a seminar style course each year.

**Cathedral Scholars:** The Cathedral Scholars Honors Program (CSHP) seeks to challenge academically gifted students on their individual journeys through high school. Through individual guidance and academic planning, Cathedral Scholars learn to set goals and work to achieve them during their four years at CCHS. The students in the CSHP are expected to be a part of the school community, participate in meaningful service projects that benefit the greater community, and engage in an academically rigorous program of studies. The Cathedral Scholars Honors Program is a highly competitive program. Members of the Class of 2024 were admitted to this program as ninth grade students. Freshmen now participate in the Pilarz Scholars program.

**The McAuley Learning Program:** Camden Catholic High School recognizes the need for addressing multiple learning styles. Classes in the McAuley Program are taught in a small learning environment. The primary goal of the program is to prepare students for the challenges of life after formal secondary education. Please see our course descriptions beginning on page 34.



# Graduation Requirements

To receive a diploma from Camden Catholic High School a student must successfully complete specific course requirements each year, a minimum total of 137.25 credits, all service requirements, and a senior research project.

## Course Requirements:

4 Years Required	English	Mathematics	Religion
3 Years Required	Science	Social Studies	
2 Years Required	World Language*		

- At the discretion of the administration, International students and students in the McAuley Program may be exempt from the 2 Year World Language Requirements.
- At the discretion of the administration, juniors or seniors taking 3 or more AP courses may be exempt from the seven course requirement.

**Other Course requirements:** Arts, Health, Technology, Driver’s Education (optional)

**Please note:** Many colleges require that students complete 16-18 “academic units” in order to be considered for admission. Along with a required Religion course, colleges request a minimum of four academic units should be taken during the senior year. Students should review academic units and university requirements with their parents and guidance counselors. Student-athletes need to be aware of the guidelines for NCAA eligibility, please see page 8 for the link and more information. An academic unit is usually a course in one of the following subjects:

English   Mathematics   Science   Social Studies   World Language



# Christian Service Program

Christian service is an integral part of learning and living the Gospels lessons of Jesus Christ. It is also an integral part of the education of a Camden Catholic student. Putting faith into action is essential to the spiritual development of our students and building the Kingdom of God. Seeking opportunities to love those in most need not only allows us to live out the Christian call to discipleship, it allows us to continue the charism of our founders, the Sisters of Mercy, to be “united to God through service.”

All projects follow a planned path of discernment, activity, and reflection. The projects will address areas of need ranging from Camden Catholic, to individuals’ home communities and parishes, to work with the poor, the elderly, and youth, and work with large social service agencies. This course receives a grade at each semester and at the final of Pass/Fail. Students who exceed the service requirement by completing double the required hours will receive a recognition of outstanding on the report card at the end of the year.

Students who exceed the service requirement by completing the requirements listed in the chart below, by serving within a social service organization that addresses the needs of those in extraordinary need, will receive recognition of outstanding on the report card at the end of the year.

	Fail “F”	Pass “P”	Outstanding “O”	Credits
Freshman	< 8 hours	A minimum of 8 hours	> 20 hours off-campus with more than half of these hours within a social service organization or approved location.	.5
Sophomores	< 12 hours	A minimum of 12 hours	> 25 hours with more than half of these hours within a social service organization or approved location off-campus.	1.0
Juniors	< 16 hours	A minimum of 16 hours	> 30 hours off-campus with more than half of these hours within a social service organization or approved location off-campus.	1.5
Seniors	< 20 hours	A minimum of 20 hours	> 40 hours off-campus with more than half of these hours within a social service organization or approved location off-campus.	2.0

Approved Social Service Organizations: Cathedral Kitchen, Nursing Homes, Cherry Hill Food Pantry, Guadalupe Family Services, ARC, Boys and Girls Club, SSJ Neighborhood Center, Kids Alley, St. Vincent de Paul, Ronald McDonald House, Marlton Sports Unity Program, South Jersey Food Bank, Urban Promise, Good Counsel Homes, Holy Name School in Camden, St. Joseph Pro-Cathedral in Camden. If there is another organization not on this list, please have it approved by Mrs. LaRosa.

Not approved services: Working for family members or neighbors.

All students must utilize the Mobile Serve app for tracking their service hours.

All fields must be completed on the app for verification purposes.

Successful completion of this program is cumulative and mandatory for receiving a diploma at graduation.



# Senior Research Project

The Senior Research Project (SRP) is a basic study of a focused topic. Its purpose is to provide seniors with an opportunity to engage in research according to their own curiosity stemming from their course of studies while in high school. It requires that each senior demonstrate the ability to research a topic using multiple research tools such as the internet, online databases, books, journal articles, periodicals, encyclopedias, service projects and work experience.

The results of the research are presented as a web page that combines research skills, practical applications and technological skills. This project is graded and receives one (1) credit.

Successful completion of this program is mandatory for receiving a diploma at graduation.





# Course Selection Process

The selection of a program of studies is a serious responsibility. The single most important feature of collegiate admissions rates the “challenge factor” of a student’s individual course of studies. This Course Selection Guide is designed to help students and parents, together with guidance counselors and teachers, to develop the best possible, most challenging program within a student’s abilities for the upcoming academic year. In selecting courses of study, careful thought should be given to a student’s past performance, future educational and vocational goals, extracurricular activities and commitments, and personal work ethic. Students and parents are urged to consult with school personnel whenever questions arise concerning educational planning.

## Course Selection Procedures:

**Materials:** This Course Guide is available on Parents Web and the CCHS website. Parents receive a course selection email at the beginning of February.

**Timeline:** Students are to consult with their teachers, guidance counselors, and parents regarding the best possible selections for the 2023-2024 academic year. Elective courses must be chosen carefully. There is a fee to change any course after June 2023 when the course selection sheet has been processed.

By February 24th, all students must submit their completed course selection form online. All accounts must be up-to-date for your course selections to be processed, and all required forms must be returned. In 2023, all forms will be returned to their assigned email

After the course selection requests are submitted, they will be reviewed for:

- Proper placement
- Credits earned to date and credits planned for next year
- Sequence of courses in order - prerequisites met

Guidance Counselors will select courses of any student who did not submit a Course Selection.

In the first week of June 2023, students will receive a course verification sheet for review. A one-week “Alteration Period” will take place at that time. This is the only time that a course may be changed without incurring a course change fee. After this period, students who wish to change a course must fill out a course change form and submit a \$75.00 course change fee. After September 1, the fee is \$125. This fee must be submitted in cash and cannot be applied to the student tuition account.



**Please note:** After final grades are submitted, each academic department will conduct a final grade review to ensure that students are placed in the appropriate courses. It is possible for a student to be moved from AP/Honors to College Prep level courses if the applicable final grades are not up to the stated standards. Students and parents will be notified of any changes.

**Schedule Changes:** The master schedule is built during the summer months based upon the course selections received during student registration in the spring. Therefore, it is important that students make a commitment to the courses for which they register.



Please note, if a schedule change is granted, there is no guarantee that the rest of a student's selections and schedule will not have to be also changed. Student choices resulting from the registration process will only be altered for academic reasons arising from scheduling conflicts. The schedules issued to students in September are their final schedules. Any student who is academically misplaced in a course may request a course change during the first cycle of school in September 2023. All cases will be reviewed by the administration in consultation with the guidance counselors and teachers on an individual basis.

After the course selection process is completed, students are expected to follow and complete their schedules for the entire school year. Any deletion of a course from a student's schedule will be recorded as a "withdrawal" on the student's transcript. Students must maintain the required number of course credits and may not withdraw from a course after first semester grades are issued.

#### **Incoming Freshman Course Selection Criteria:**

The Camden Catholic High School Admissions Council assigns incoming freshmen to courses based upon standardized test results (HSPT and grammar school testing), grammar school grades, and 8th grade teacher recommendations.

#### **NCAA College Eligibility:**

Students who intend to participate in athletics at the collegiate level at a NCAA Division I or II institution must register with the NCAA Clearinghouse and meet NCAA eligibility requirements by graduation. Please visit your Guidance Counselor as soon as possible and go to [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net) for more information. As NCAA Clearinghouse standards have changed over the years, it is highly recommended that students review the criteria for their graduating class early in their academic careers.

**Camden Catholic High School  
is accredited by the  
Middle States Association of Colleges and Schools,  
and The Diocese of Camden,  
and is a member of the College Board.  
(College Board Code: 310185/NCAA Code:9999)**



# Religion

The goal of the Religion Department is to implement the United States Catholic Conference of Bishops' curriculum which provides comprehensive knowledge and understanding of the Catholic Faith as revealed in Scripture, the Tradition of the Church and as expressed in the Catechism of the Catholic Church. To accomplish this, students will study eight themes of the Faith in their four years. In addition, students are brought to an awareness of the Gospel call to holiness and the challenge of transforming the secular world into the Kingdom of God through the example of Jesus Christ. The department works with the Office of Campus Ministry in the spiritual and liturgical life of the school and its commitment to service to the Church and the community.

## Religion Courses

### **INTRODUCTION TO CATHOLICISM/SACRAMENTS AND WORSHIP (910) GRADE 9 – REQUIRED**

(5 Credits) College Prep

Freshmen begin their religious studies first semester with an overview of Catholicism. This course introduces the basics of doctrinal, liturgical, and moral life of the church with a focus on our call to service. Students will be encouraged to examine their own relationship with Jesus and incorporate, both internally and externally, Jesus' call to be holy as the Father is holy. The second semester course is an in-depth study of the seven sacraments and the grace of God given to us through them. Students also study the signs and symbols and the sacred rites and rituals of worship and the sacraments.

### **UNDERSTANDING THE SCRIPTURES/CHRISTOLOGY (920)**

**GRADE 10 – REQUIRED**

(5 Credits) College Prep

Understanding the Scriptures is designed to present the Roman Catholic approach to the study and understanding of the Bible. Students will achieve a working knowledge of the structure, history, and major themes of the Old and New Testaments and an ability to apply principles of Roman Catholic biblical study to the Scriptures. The study of Christology will focus on the major themes in the life, ministry, and teachings of Jesus Christ with an emphasis on His challenge to the disciples, "Who do people say I am?" The events of Jesus' passion, death, resurrection, and ascension and how this Paschal Mystery shapes our faith as Catholic Christians is the culmination of this course.

### **THE CHURCH/MORALITY (930) GRADE 11 – REQUIRED**

(5 Credits) College Prep

The first semester course introduces students to the Church as the universal divine human instrument of salvation. The major themes in the life and development of the Church are explored as well as each person's participation in the life and mission of the Church. The second semester course is an in-depth study of the principles of Catholic morality based on Divine Revelation, the

life and teachings of Jesus Christ, and Sacred Tradition. Students will explore the applications of moral principles to the challenges of living a Christian life.

### **CATHOLIC SOCIAL TEACHING/CHRISTIAN VOCATIONS (941)**

**GRADE 12 – REQUIRED**

(5 Credits) College Prep

The Social Justice course encourages students to see themselves as part of the Christian tradition of acting for justice in society and the world. The students analyze the Gospel demands for action on behalf of justice as it has been developed from Scripture to the present. The themes of Catholic Social Teaching are explored and applied to current political, social, medical, and global issues. Christian vocations will enable the students to explore themselves as recipients of God's call to holiness as expressed in the vocations of marriage, single life, priesthood, and religious life. Students will learn the requirements of each of these vocations in order to help them best discern the lifestyle to which God is calling them.

### **CHRISTIAN MINISTRY: JUSTICE AND SERVICE (946)**

**GRADE 12 – REQUIRED**

(5 Credits) College Prep

This course requires the student to complete an application in order to be admitted to the course. It focuses on Catholic Social Teaching that echoes Jesus' command to love and serve others. The students study and learn how to apply the tenets of Catholic Social Teaching as developed from Sacred Scripture and Sacred Tradition from the time of Jesus to the present. Additionally, other major components of this course are Christian leadership and service ministry. Students will participate in a retreat during the first quarter. Leadership skills and various types of spirituality from the Catholic tradition are taught in order to teach the students how to plan and facilitate retreats throughout the year for CCHS students.



# Liberal Arts

## English

The skills learned in English cannot be confined to a single classroom. They are developed yearly, carried across the curriculum, and follow students to college and beyond. The English Department at CCHS has created a sequence of courses grounded in the goals of having students write comfortably and confidently, read widely for both pleasure and information, and think critically about ideas placed before them. Through a classic curriculum, students are challenged to fulfill rigorous classroom expectations and build a highly developed structure of knowledge that will accompany them throughout their lives.

## English Courses

### **LITERATURE AND COMPOSITION (116)**

#### **GRADE 9 - REQUIRED**

#### **(5 Credits) College Prep**

This course is an integrated study of grammar, writing, vocabulary, and literature, as well as strategies to improve study and test taking skills. Writing instruction stresses clear, effective sentences and logical, unified paragraphs. Students read and analyze selections from different genres of literature, including fiction, nonfiction, poetry, and drama.

### **AMERICAN LITERATURE: COLONIAL LITERATURE THROUGH THE MODERN ERA (122)**

#### **GRADE 10 - REQUIRED**

#### **(5 Credits) College Prep**

This course is a study of the various genres of literature, including the novel, short story, poetry, and drama, exploring representative works of the American literary tradition. Arranged chronologically, the study begins with early American authors and ends with a brief study of the modern period. In addition, instruction and practice in composition begun in freshman year continues through sophomore year.

### **BRITISH LITERATURE: A STUDY OF CLASSICS, READINGS, AND RESEARCH (132)**

#### **GRADE 11 - REQUIRED**

#### **(5 Credits) College Prep**

This course is a chronological study of major British authors, their principal works, and their contributions to English literature. Students study research techniques and the mechanics of a research paper in order to produce a well-crafted original research paper. In addition, there is a focus on essay writing skills as well as vocabulary study.

### **WORLD LITERATURE: LITERATURE FROM THE ANCIENT TO THE MODERN WORLD (143)**

#### **GRADE 12 - REQUIRED**

#### **(5 Credits) College Prep**

This course is a study of important periods in world literature from ancient Greece to the modern world. The course includes the reading, in translation, of important works of literature from English and non-English speaking nations. As such, students read texts representative of literature from around the world, in order to examine a variety of ideologies. Students respond to texts through drafting, editing, and revision of essays as they build their writing skills.



# English Honors Program

Placement in the English Honors or AP program is teacher directed and requires Department Approval. Any student moving from a college prep level course to an Honors Course must maintain a grade of 93 or above on tests, exams and final grade in English, and secure department approval with the teacher's recommendation. Students in Honors courses must maintain an 85 or above on tests, exams and final grade in English to remain in the Honors level course.

Beginning in 2022, any student moving from a college prep level course to an Honors Course must maintain a grade of 93 or above on tests, exams and final grade in English and secure department approval with the teacher's recommendation. Students in Honors courses must maintain an 89 or above on tests, exams and final grade in English to remain in the Honors level course.

## English Honors Courses

### **HONORS LITERATURE AND COMPOSITION (118)** **GRADE 9 - REQUIRED** (5 Credits) Honors

This course, an intensive study of literature, grammar, and composition, provides extensive instruction and practice in academic writing. Students will read, discuss, and analyze selections from different genres of literature, including fiction, nonfiction, poetry, and drama and craft original in-depth analyses of their readings. Students are placed in this course based on their scores on the Entrance Test (HSPT), and middle school English/ELA grades.

### **HONORS AMERICAN LITERATURE: COLONIAL LITERATURE THROUGH THE MODERN ERA (124)** **GRADE 10 - REQUIRED** (5 Credits) Honors

This course, which follows a chronological approach to the study of American Literature, emphasizes in-depth analyses of selected pieces of literature and provides correlated practice in academic and creative writing. Students have one independent reading each quarter.

### **HONORS BRITISH LITERATURE AND RESEARCH SKILLS (134)** **GRADE 11 - REQUIRED** (5 Credits) Honors

Across various literary genres, including poetry, prose and drama, Honors British Literature and Research Skills explores universal and timeless themes captured in the British literature canon, from Old English to contemporary texts. Over the course of the year, students will refine previously acquired reading, writing and critical thinking skills and will develop new skills which support honors-level learning experiences, including skills related to literary analysis, personal response writing, essay writing, and the research paper writing process.

### **HONORS WORLD LITERATURE: LITERATURE FROM THE ANCIENT TO THE MODERN WORLD (145)** **GRADE 12 - REQUIRED** (5 Credits) Honors

This course is a study of the important periods in world literature from ancient Greece to the modern world. The course includes the reading, in translation, of important works of literature from English and non-English speaking nations. Students respond to texts through drafting, editing, and revision of essays as they build their writing skills. Additionally, students will produce original analytical essays on independent readings.



**ADVANCED PLACEMENT ENGLISH LANGUAGE AND  
COMPOSITION (138)  
GRADE 11 - ELECTIVE**

(5 Credits) - Advanced Placement

Students who enroll in the AP English Language and Composition course will become astute readers of nonfiction and visual media composed during a variety of periods, in different disciplines, and in varying contexts. In addition, students will critically read selected works of British literature. The goal of this course is for students to become skilled readers and writers as they analyze the use of rhetorical and stylistic devices. Through reading and writing exercises, students will determine how authors' purposes, audiences' expectations, or various topics contribute to communication and understanding. Students who enroll in this course must be capable of reading challenging material and be committed to writing and revision. This course may be taken either in place of, or in addition to English 134 and is eligible for college credit.

Students wishing to take AP Language must have completed American Literature sophomore year with a final average of 93 or better for students in Honors sections, and a 97 or better for students in the College Prep sections. In addition, at the discretion of the sophomore teacher, a student may be required to write an in-class, timed essay subject to review by the AP teacher and the Department Head.

**ADVANCED PLACEMENT ENGLISH LITERATURE AND  
COMPOSITION (136)  
GRADE 12 - ELECTIVE**

(5 Credits) Advanced Placement

Students who enroll in AP English Literature and Composition course will be challenged daily in a rigorous academic environment. Students will be engaged in careful reading and critical analyses of imaginative literature. Through both reading and writing, students will consider a work's structure, style, and themes, as well as elements of figurative language, imagery, symbolism and tone. Students who enroll in this course must be capable of reading challenging fiction and committed to writing and revision. This course may be taken either in place of or in addition to English 145. In AP Literature, the genres studied are fiction, poetry, and drama. The course requires a sampling of those genres spanning works from the seventeenth through twenty-first centuries. This course is eligible for college credit.

Students wishing to be placed in AP Literature must have completed British Literature (junior year) with a final average of 93 or better for students in the Honors section, and a 97 or better for students in the College Prep sections. In addition, at the discretion of the junior teacher, a student may be required to write an in-class, timed essay subject to review by the AP teacher and the Department Head.





# AP Capstone™

AP Capstone™ is a diploma program based on two year long AP courses: AP Seminar and AP Research. These courses are designed to complement other AP courses that the AP Capstone student. Instead of teaching specific subject knowledge, AP Seminar and AP Research use an interdisciplinary approach to develop the critical thinking, research, collaboration, time management, and presentation skills students need for college-level work. The College Board developed the AP Capstone Diploma program at the request of higher education professionals, who saw a need for a systematic way for high school students to begin mastering these skills before college. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™. Both courses are English electives.

## AP Capstone™ Courses

### AP SEMINAR(150) GRADE 11 – ELECTIVE

(5 Credits) Advanced Placement

This is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include interdisciplinary or general elective courses. The co-requisite for this class is AP English Language and Composition.

### AP RESEARCH (152) GRADE 12 - ELECTIVE

(5 Credits) Advanced Placement

AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. Prerequisite: Students must have successfully completed the AP Seminar course. This course cannot be used as part of the CCHS four (4) year English requirement.

While a teacher may recommend a student for placement in an Honors or AP course at the time of registration, final decisions about any placement is dependent upon the student's final grade for the current course they are taking, as is specified in the course catalog.



# Social Studies

The CCHS Social Studies Department has a crucial role in the development of a student's perspective on society, politics, culture, and government. The courses provided at CCHS provide a challenge for all students in various disciplines (history, psychology, philosophy, sociology, and government). The structure allows for students to fulfill their required course work as well as satisfying their academic curiosity through electives. The curriculum places an importance on analytical thought and on the mastery of various writing styles. This balance prepares students for higher education as well as for life.

## Social Studies Courses

### **WORLD AND EUROPEAN HISTORY (219)**

#### **GRADE 9 - REQUIRED**

(5 Credits) College Prep

This course teaches the history of western civilization from ancient Greece and Rome through the Middle Ages, Renaissance and Reformation to World War I. Emphasis is placed on Europe and its effect on Asian, African and North and South American history. Projects include an in-depth study of a European nation. Geography and map reading skills as well as current events awareness will be stressed.

### **UNITED STATES HISTORY I**

#### **US ORIGINS: COLONIAL TIMES THROUGH THE PROGRESSIVISM (234)**

#### **GRADE 10 - REQUIRED**

(5 Credits) College Prep

This course is a study of the history of the United States beginning with how the nation was created and developed through the Progressive Era. Particular attention is placed on the domestic and foreign policy of each presidential administration. Critical thinking skills and study skills will receive emphasis. This course is the first part of a two year study of United States History.

### **UNITED STATES HISTORY II**

#### **MODERN TIMES: WWI TO THE PRESENT (244)**

#### **GRADE 11 - REQUIRED**

(5 Credits) College Prep

This course is a study of the History of the United States covering World War I to the present. It examines the political, economic and social forces which have shaped the United States and its foreign policy. The course is designed to strengthen critical thinking skills, study skills, and map and chart skills. This course is the second part of a two year study of United States History.

### **SOCIOLOGY (260)**

#### **GRADES 11, 12 - ELECTIVE**

(5 Credits) College Prep

Sociology explores the development, structure, and functions of human society as well as the patterns that bind people together. This course examines social theories and institutions and explores familial, gender, and ethnic relationships. Students participate in a variety of research based projects in order to understand patterns in contemporary society.

### **AMERICAN GOVERNMENT AND ECONOMICS (257)**

#### **GRADES 11, 12 - ELECTIVE**

(5 Credits) College Prep

Students will study how the government in this country is organized, how it is controlled by the people, the many things that it does, and how it operates. This course is designed to help students better understand our democratic system and see how the U.S. Constitution has allowed our government to operate for more than 200 years. The course also examines how the economy operates and affects our society. Topics in both micro and macro-economics are explored. The course is designed to challenge students' understanding through activities and assignments which require application analysis and evaluation.

### **PSYCHOLOGY (262)**

#### **GRADE 11, 12 - ELECTIVE**

(5 Credits) College Prep

This course is designed to give students a general introduction to the principles and theories of modern psychology. In addition to exploring many of the major sub disciplines of psychology, students hone reading, writing, and critical thinking skills through activities, demonstrations, projects, and presentations.

### **THE 20th CENTURY/GLOBAL STUDIES (264)**

#### **Grades 11,12 - ELECTIVE**

(5 Credits) College Prep

This course aims to provide students with a thorough understanding of the world that they will help shape, and serves as a survey of world history since 1914. Special attention will be placed on radical ideologies and the genocides that they have caused. Students will develop an understanding of post World War II phenomena including decolonization and recent economic prosperity. The impact of the Cold War on international relations and regional cultures will be examined.



## PHILOSOPHY: GREAT MINDS OF THE CHRISTIAN TRADITION (261)

Grades 11,12 - ELECTIVE

(5 Credits) College Prep

This reading and writing intensive course examines the writings and ideas of the great thinkers and philosophers of the Christian tradition and their key Greco-Roman predecessors such as Plato and Aristotle. Special attention will be paid to the traditional proofs for the existence of God with an emphasis on the work of St. Thomas Aquinas. Students will explore various perspectives on the “problem of evil,” and the question of free will. Through exploration of the innovative minds of our Christian past, this course will help to cultivate the innovative minds of our Christian future. This course cannot be used as part of the CCHS three (3) year Social Studies requirement.





# Social Studies Honors Program

Placement in the Social Studies Honors or AP program is teacher directed and requires Department Approval. Any student moving from a college prep level course to an Honors Course must maintain a grade of 93 or above on tests, exams and final grade in Social Studies and English, and secure department approval with the teacher's recommendation. Students in Honors courses must maintain an 85 or above on tests, exams and final grade in Social Studied and English, to remain in the Honors level course.

College prep level students will need to have successfully completed at least one honors level course in the Liberal Arts {Religion or English} as a prerequisite for an honors level Social Studies course. In addition, college prep students must earn a minimum grade of 93 in both History and English to take an honors history course. Students must have earned a minimum grade of 97 in College Prep History and English to move to an AP course, or a minimum grade of 89 in Honors History and English. Students must have prior experience in an honors level Liberal Arts course to be considered for AP US History. Specific requirements for AP Psychology are listed below.

## Social Studies Honors Courses

### **HONORS UNITED STATES HISTORY I (228) GRADES 9 and 10 - REQUIRED**

(5 Credits) Honors

This course examines United States History from the development of American democracy and culture in the colonial period through the turn of the twentieth century. Extensive reading and analysis of primary and secondary sources are accompanied by an essay or paper. Beginning with the Class of 2024, Honors Freshmen will take Honors US I in order to be considered for Advanced Placement US History in Grade 10.

### **ADVANCED PLACEMENT UNITED STATES HISTORY (250)**

**GRADES 11 and 12 - REQUIRED**

(5 Credits) Advanced Placement

This study of American History, beginning in the twentieth century, introduces students to cultural, economic, political, and social developments that shape modern America. The Advanced Placement United States History course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in a study of United States History.

### **ADVANCED PLACEMENT EUROPEAN HISTORY (240)**

**GRADE 11 and 12 - ELECTIVE**

(5 Credits) Advanced Placement

This study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the contemporary world. In addition to providing a basic narrative of events and movements, the goals of the program in European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Students who complete this course may

take the Advanced Placement exam in European History. Any student in a college prep level Social Studies Course requesting an Honors Course must maintain a grade of 93 or above in previous Social Studies courses, and secure department approval with the teacher's recommendation. This course is eligible for college credit.

### **ADVANCED PLACEMENT PSYCHOLOGY (275) GRADE 12 - ELECTIVE**

(5 Credits) Advanced Placement

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students explore the psychological principles and research associated with each of the major sub disciplines within psychology. Additionally, students develop learning behaviors consistent with a college level course. Because this course is reading and writing intensive and many units are biology-based, previous English and Biology grades will be a consideration for student placement in the course. Any student in a college prep level Social Studies Course requesting an Honors Course must maintain a grade of 93 or above in previous Social Studies and English courses, and secure department approval with the teacher's recommendation. This course is eligible for college credit.



# World Languages

The study of languages unfamiliar to students seeks to enrich cultural knowledge and the linguistic understanding of the world. In addition, language acquisition adds an understanding of the structures and richness of a student's native language as students explore ways of communicating which are very different from their own. As understanding increases students are challenged to read, write, and converse in order to demonstrate proficiency in their chosen language(s) of study. Because students enter high school with a large range of language backgrounds, all language course level placements will be determined through a review of students' transcripts, and standardized test performance. Students are encouraged to select a language which will challenge their abilities as well as spark their interest.

## World Languages Courses

### **LATIN I (512)**

#### **GRADES 9, 10, 11 - REQUIRED**

(5 Credits) College Prep

This course provides an introduction to basic Latin language skills. Students learn to read, to write and to appreciate the basic grammatical structures of Latin. Geographical and cultural aspects of each language are explored as well.

### **SPANISH I (542)**

#### **GRADES 9, 10, 11 - REQUIRED**

(5 Credits) College Prep

This course provides an introduction to basic Spanish language skills. Students learn to read, to write, to speak and to appreciate the basic grammatical structures of Spanish. Students also explore geographical and cultural aspects of Spanish speaking countries.

### **FRENCH I (522)**

#### **GRADES 9, 10, 11 - REQUIRED**

(5 Credits) College Prep

This course provides an introduction to basic French language skills. Students learn to read, to conjugate verbs in the present tense, to write, to speak and to appreciate the basic grammatical structures of French. Students also explore geographical and cultural aspects of French speaking countries.

### **LATIN II (516)**

#### **GRADES 9, 10, 11, OR 12 - REQUIRED**

(5 Credits) College Prep

This course is designed to develop reading and writing skills as well as advanced grammatical constructions. Students will study cultural aspects of the language as well as begin more translations of original works.

### **SPANISH II (546)**

#### **GRADES 9, 10, 11, 12 - REQUIRED**

(5 Credits) College Prep

This course is designed to develop reading, writing, and speaking skills as well as advanced grammatical constructions. Students will also study more varied aspects of contemporary Spanish culture and geography of Spanish speaking countries.

### **FRENCH II (526)**

#### **GRADES 9, 10, 11, 12 - REQUIRED**

(5 Credits) College Prep

This course is designed to develop reading, writing, and speaking skills as well as advanced grammatical constructions. Students will also study the province of Quebec and city of Paris with an emphasis on history, culture, monuments, and city layout.



# World Languages Honors Program

Placement in the World Languages Honors or AP program is teacher directed and requires Department Approval. Any student moving from a college prep level course to an Honors Course must maintain a grade of 93 or above on tests, exams and final grade in the respective World Language, and secure department approval with the teacher's recommendation. Students in Honors courses must maintain an 85 or above on tests, exams and final grade in the respective World Language, to remain in the Honors level course. All level 3-5 courses are eligible for college credit.

## World Languages Honors Courses

### **HONORS SPANISH II (544)**

#### **GRADES 9, 10, 11, 12 - REQUIRED**

(5 Credits) Honors

This course is designed to develop reading, writing, and speaking skills as well as advanced grammatical constructions. More varied aspects of contemporary culture and geography are examined and discussed. Spanish Literature is introduced and explored at this level.

### **HONORS FRENCH III (531)**

#### **GRADES 9, 10, 11, 12 - ELECTIVE**

(5 Credits) Honors

This course is designed for students who have demonstrated proficiency and an interest in French. Students study advanced grammar, an introduction to complex literature, conversational work for oral communication, and written skills.

### **HONORS SPANISH III (551)**

#### **GRADES 9, 10, 11, 12 - ELECTIVE**

(5 Credits) Honors

This course is designed for students who have demonstrated proficiency and an interest in Spanish. Students study advanced grammar, an introduction to complex literature, conversational work for oral communication, and written skills. An 89 or higher in all previous Spanish courses is required for this course.

### **HONORS LATIN III (518)**

#### **GRADES 9, 10, 11, 12 - ELECTIVE**

(5 Credits) Honors

This course is designed for students who want to continue an advanced study of the Latin Language. They will study the cultural aspects of the language while continuing to study the development of the language. Students will translate original works from the classical periods of Latin Literature as well as be introduced to the study and importance of Ecclesiastical Latin. An 89 or higher in all previous Latin courses is required for this course.

### **HONORS FRENCH IV (533)**

#### **GRADES 10, 11, 12 - ELECTIVE**

(5 Credits) Honors

This course concentrates on literary studies, written composition, oral expression, continued cultural study, and vocabulary expansion. Having studied French history and culture, students will expand their understanding of both through the study of historic French figures.

### **HONORS SPANISH IV (553)**

#### **GRADES 10, 11, 12 - ELECTIVE**

(5 Credits) Honors

This course concentrates on literary studies, written composition, oral expression, continued cultural study, and vocabulary expansion. An 89 or higher in all previous Spanish courses is required for this course.

### **HONORS LATIN IV (520)**

#### **GRADES 10, 11, 12 - ELECTIVE**

(5 Credits) Honors

This course is designed to have students master the art of translation from English to Latin and Latin to English focusing on major works by Roman writers. Students' concentration at this level will be sentence structure and line by line translation of text. An 89 or higher in all previous Latin courses is required for this course.

### **HONORS SPANISH V (560)**

#### **GRADES 11, 12 - ELECTIVE**

(5 Credits) Honors

Students who enroll in this course must be highly motivated and disciplined students who are interested in furthering their knowledge of the Spanish language through oral and written work. The work includes listening skills, pronunciation practice, dialogue and discussion, essay writing, and the study of modern Spanish Literature. Students will be expected to work independently and develop a portfolio of work over the course of the school year. Students should take this course in conjunction with Spanish IV or after taking Spanish IV. An 89 or higher in all previous Spanish courses is required for this course.



## Mathematics

The Mathematics Department believes that every student can learn math, and that every student should be provided with the opportunity to enhance and develop mathematical skills and concepts. We believe that mathematics is vital to the development of thinking, questioning minds. We strive to provide a program that is challenging, exciting, and driven by student needs. We hope that every student will be able to apply mathematics to the challenges encountered after high school, and will be able to use mathematics to solve real-world problems. We try to make students aware that discipline and hard work are as important as ability in the study of math.

### Mathematics Courses

#### **ALGEBRA 1, PART 1 (312)**

##### **GRADE 9 - REQUIRED**

(5 Credits) College Prep

This course is designed to reinforce basic skills, develop the critical thinking of the student, and start a complete Algebra I course over two years. The initial part of the course involves a review of prime factorization and least common multiples, fractions and mixed numbers, decimals and percents, positive and negative numbers, exponents and the order of operations. This last section provides the bridge to Algebra I - solving equations and working with formulas and polynomial expressions. Students who take this course will take course 314 during their sophomore year.

#### **ALGEBRA I (316)**

##### **GRADE 9 - REQUIRED**

(5 Credits) College Prep

This is a complete Algebra I course taken in one year. Students study the basic skills of Algebra: performing the basic operations with rational numbers and expressions, polynomials and real numbers, solving linear and quadratic equations, rectangular coordinate systems and solving open response problems.

#### **ALGEBRA 1, PART 2 (314)**

##### **GRADE 10 - REQUIRED**

(5 Credits) College Prep

This course completes the Algebra 1 course started in course 312. It consists of the study of the rectangular coordinate system, polynomial factoring, word problems, and basic operations of rational expressions, solving quadratic equations, and systems of equations.

#### **ALGEBRA II (322)**

##### **GRADES 10, 11 – REQUIRED**

(5 Credits) College Prep

This course is a study of the topics in Algebra II including the real number system, polynomials and factoring, rational expressions, coordinate geometry, relations and functions, linear inequalities, quadratic and higher degree equations, systems of equations, radicals, and rational exponents, as well as graphing functions and inequalities.

#### **GEOMETRY (320)**

##### **GRADES 11, 12 – REQUIRED**

(5 Credits) College Prep

This course is a study of topics in traditional Euclidean Geometry including basic terminology, formal mathematical deductive proofs related to congruency and parallelism, properties of polygons and circles, areas and volumes of geometric figures and similar shapes; and an introduction to trigonometry.

#### **MATH SURVEY (325)**

##### **GRADE 12 – REQUIRED**

(5 Credits) College Prep

This course is designed as a continuation of the study of algebraic functions. Students will cover trigonometry, matrices, determinants, sequences, and probability. In addition, students will continue to hone their skills in graphing and problem solving through advanced study. The prerequisite is Algebra II and Geometry.

#### **PRE-CALCULUS (327)**

##### **GRADES 12 - REQUIRED**

(5 Credits) College Prep

This course contains algebraic and trigonometric material needed to continue study in engineering or other scientific fields, but also important for psychology and liberal arts fields. Topics covered include matrices and determinants, complex numbers, exponential and logarithmic functions, sequences and series, probability and statistics, trigonometric ratios, functions, and graphs. The pre-requisite in Algebra 2 and Geometry.

#### **FINITE MATH (330)**

##### **GRADE 12 – REQUIRED**

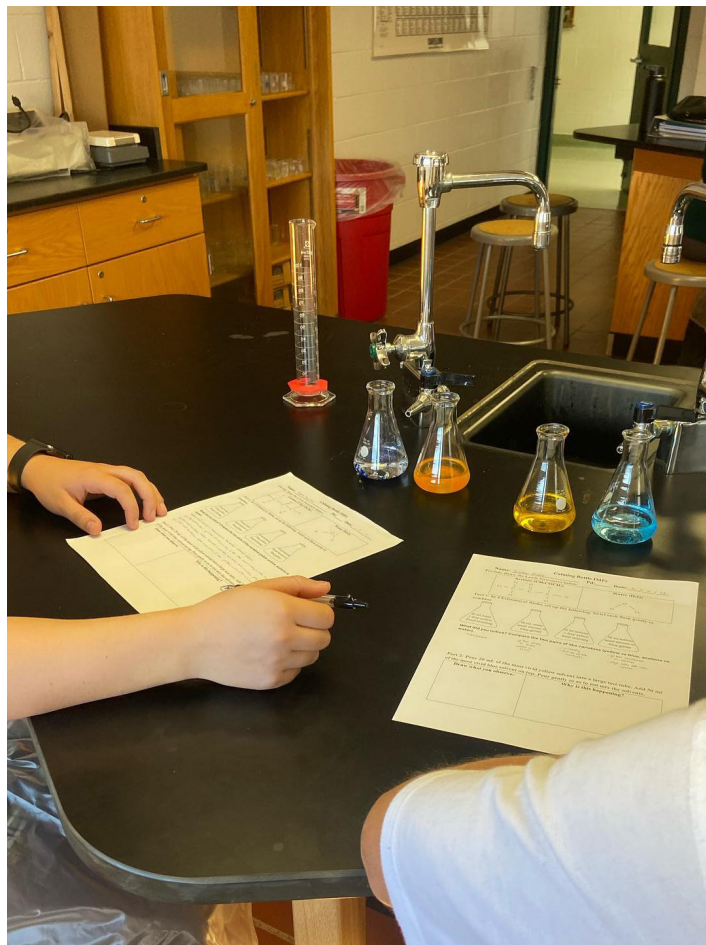
(5 Credits) College Prep

This course is intended to prepare the liberal arts student for a first year college math course. Topics include applications of counting methods (voting theory); fair division methods (game theory); Euler and Hamilton graphs; networks; combinatorics; symmetry; symbolic logic; statistics; and a review of matrices. The prerequisite for this course is either Pre-Calculus or Honors Pre-Calculus. Students should have a grade of 77 in either course. This course is eligible for college credit.

## **DATA ANALYTICS (340)** **GRADE 11, 12 – ELECTIVE**

(5 Credits) College Prep

In the current digital and data driven world, the ability to analyze data is more important than ever. Data analytics refers to the process and practice of analyzing data to answer questions, extract insights, and identify trends. Students will learn the four major areas in data analytics: Descriptive Analytics, which looks at data to examine, understand, and describe something that has already happened; Diagnostic Analytics, which goes beyond merely descriptive analysis by seeking to understand the why behind what happened; Predictive Analytics, which attempts to answer questions about what might happen in the future based on past data trends; and, Prescriptive Analytics, which helps answers questions pertaining to what is the correct action to take to achieve individual or organization goals. Overall, students will achieve an in-depth understanding of data analysis (exploratory data analysis); statistical concepts such as sampling, probability, probability density and cumulative distribution functions, hypothesis testing, confidence intervals and regression (among others); data modeling; machine learning (including clustering and decision trees, forecasting); and making and evaluating data-based arguments. The freely available R statistical platform will be used in this course (no prior knowledge of R is required). No prior statistical knowledge is required, yet a good algebraic foundation is recommended. This course cannot be used as part of the CCHS four (4) year Math requirement. This course is eligible for college credit.





# Mathematics Honors Program

Placement in The Mathematics Honors or AP program is teacher directed and requires Department Approval. Any student moving from a college prep level course to an Honors Course must maintain a grade of 93 or above on tests, exams and final grade in the previous Math courses, and secure department approval with the teacher's recommendation. Students in Honors courses must maintain an 85 or above on tests, exams and final grade in the previous Math course, to remain in the Honors level course. Movement into Honors Math is recommended no later than the start of the sophomore year.

## Mathematics Honors Courses

### **HONORS ALGEBRA I (318)**

#### **GRADE 9 – REQUIRED**

(5 Credits) Honors

This is a complete Algebra I course in one year. It covers the basic operations with rational numbers and expressions, polynomials and real numbers, solving linear and quadratic equations. This course will move at a quicker pace than College Prep Algebra I allowing for deeper coverage of word problems, more time with coordinate systems, graphs, systems of equations and a stronger foundation in theory.

### **HONORS ALGEBRA II (324)**

#### **GRADES 10 – REQUIRED**

(5 Credits) Honors

This course is a study of the topics in Algebra II including the real number system, polynomials, and factoring, quadratic equations and functions, rational expressions, coordinate geometry, relations and functions, linear systems, and nonlinear systems of equations, matrices, determinants, and conics. This course is a more detailed study than the College Prep Algebra II. In addition, trigonometry, complex numbers, and analytical geometry will be introduced. The prerequisite for this course is the completion of Algebra I with a 93 on tests, exams and the final grade; or the completion of Honors Algebra I with an 85 on tests, exams, and the final grade.

### **HONORS GEOMETRY (321)**

#### **GRADE 10 or 11 - REQUIRED**

(5 Credits) Honors

This course is a study of topics in Geometry including basic terminology, formal mathematical proofs related to congruency and parallelism, properties of polygons and circles, and areas of geometric figures. This course is a more detailed study than College Prep Geometry. Additional topics include formal proofs for most theorems and volumes and surface area of solids.

\*To start in Honors Geometry in 10th grade a student must be taking it in conjunction with Honors Algebra 2 in the same academic year.

### **HONORS PRE-CALCULUS (328)**

#### **GRADES 11, 12 – REQUIRED**

(5 Credits) Honors

This course contains all the algebraic and trigonometric material needed to satisfy prerequisites for further, college level, mathematical study. Topics include functions and their graphs, properties of polynomial and rational functions, exponential and logarithmic functions, trigonometric functions and identities, sequences and series, and polar coordinates. The prerequisite for this course is the completion of Algebra II and Geometry with a 93 on tests, exams and the final grade; or the completion of Honors Algebra II and Honors Geometry with an 85 on tests, exams, and the final grade.

### **HONORS CALCULUS (332)**

#### **GRADE 12 - REQUIRED**

(5 Credits) Honors

Honors Calculus is a full year Calculus course designed for college bound students. This course will proceed at a more deliberate pace than an AP course, but will examine the same topics and skills. Students are required to have a graphing calculator (TI-83 Plus or higher) and are encouraged to take the AP Calculus AB Exam. The prerequisite for this course is the completion of Honors Pre-Calculus with an 85 on tests, exams, and the final grade. College prep level Pre-Calculus does not fulfill this prerequisite.

### **ADVANCED PLACEMENT CALCULUS AB (333)**

#### **GRADE 12 - REQUIRED**

(5 Credits) Advanced Placement

The Advanced Placement Program in Calculus is designed to provide students with the analytical skills necessary to master a full year of college Calculus including functions, graphs, and limits, first and second derivatives with chain rule and implicit differentiation, properties and applications of integrals and anti-differentiation. Students are required to have a graphing calculator (TI-83 Plus or higher) and must take the AP Calculus AB Exam. The prerequisite for this course is the completion of Honors Pre-Calculus with a 93 on tests, exams, and the final grade. College prep level Pre-Calculus does not fulfill this prerequisite.

# Science

The CCHS Science Department is dedicated to exposing all of our students to the various areas of science. We seek to encourage students to incorporate scientific skills into their lives for the betterment of society, to enhance their realization that science is a daily endeavor, and to emphasize the recognition that science can be an effective part in resolving many contemporary problems. We strive to place all students in courses that will meet their capabilities, and offer expansive course selections encouraging students to challenge themselves to higher levels of scientific education.

## Science Courses

### **QUANTITATIVE SCIENCE (428)**

#### **GRADE 9 – REQUIRED**

(5 Credits) College Prep

This course will introduce students to the fundamental concepts and principles of Physics and Chemistry with their mathematical applications. The students will learn how to use mathematical representation to describe and explain phenomena as well as solve problems. Topics include SI conversions, significant figures, scientific notation, matter, atoms, the Periodic Table, mechanics (Kinematics and dynamics), gravity, work, and energy. Laboratory experiences are designed to reinforce topics through gathering, graphing, analyzing, and reporting data. Strengthening core science skills in addition to teaching physics and chemistry to students early in their high school education has the potential to lay the foundation for more advanced high school courses in chemistry, biology or physics.

### **BIOLOGY (426)**

#### **GRADE 10 – REQUIRED**

(5 Credits) College Prep

This course surveys major biological topics of ecology, genetics, evolution, and cell biology. Supporting biological concepts such as cell structure, importance of water, structure and function of DNA, will be incorporated within their major respective topic. Skills like modeling, direct observations using a microscope, and graphing will be practiced. Additionally, students will learn about the scientists who have contributed to biological theories as well as those currently working to advance our understanding of the natural world. Laboratory activities are included in this course.

### **FOUNDATIONS OF CHEMISTRY (434)**

#### **Grades 11, 12 - Required**

(5 Credits) College Prep

This course is designed for those students who need to complete the requirement of Chemistry but are not pursuing a science-oriented college program or who are taking the co-requisite math courses as juniors or seniors. The course will cover scientific measurement, atomic structure, the Periodic Table, the states of matter, solutions, as well as chemical bonding, quantities, formulas, and reactions. The course includes lab investigations. The math prerequisite is the completion of Algebra I. Science Department and Guidance Counselor approvals are required.

### **CHEMISTRY (435)**

#### **GRADES 11, 12 - REQUIRED**

(5 Credits) College Prep

This course presents the fundamental concepts and principles of chemistry. Topics include: Early Atomic Theory and Quantum Atomic Theory of the atom, the Periodic law, nomenclature, reaction equations, the mole concept, stoichiometry, chemical bonding, phases of matter, and solution chemistry. Lab experience is an integral part of the problem-solving process of this course. Students should have completed Algebra I and Geometry prior to taking this course.

### **ANATOMY AND PHYSIOLOGY (438)**

#### **GRADE 12 – ELECTIVE**

(5 Credits) College Prep

This life science course, designed for students interested in a health career or a life science major in college, introduces students to the structure and function of the human body. Course content includes anatomical locations, structures, and physiological functions of the main components of each major system of the human body as well as the inter-relationships of the body organ systems. The prerequisites for this course are Biology and Chemistry.







**PHYSICS (445)**  
**GRADE 12 - ELECTIVE**  
 (5 Credits) College Prep

This course covers topics of Newtonian Mechanics - motion in one and two dimensions, vectors, forces and Newton's three laws of motion, work, energy, and power, momentum and collisions, circular motion and rotation, oscillations and gravitation. The emphasis of the course is on developing a qualitative, conceptual understanding of general physics principles and models associated with these topics, as well as providing practical problem-solving exercises. Laboratory experiences are designed to reinforce topics through gathering, graphing, analyzing, and reporting data. The minimum recommended math co-requisite is Pre-Calculus.

**GENETICS AND BIOTECHNOLOGY (437)**  
**GRADES 11, 12 - ELECTIVE**  
 (5 Credits) College Prep

Genetics has become an indispensable component of almost all research in modern biology and medicine. This course will introduce students to the study of genetics which will provide them with an understanding of the following: cell division and the formation of gametes, basic Mendelian Genetics and extensions of Mendelian ratios, genetic variation, and recombinant gene technology. Problem solving and laboratory investigations will be an integral part of this course. In addition, Catholic Social Justice will be integrated since much of the current genetic research poses many moral and ethical dilemmas which demand debate. Prerequisites are successful completion of Biology and Chemistry.

**ENVIRONMENTAL SCIENCE (439)**  
**GRADES 11, 12 - ELECTIVE**  
 (5 Credits) College Prep

This is an introductory course designed to provide students with a comprehensive, in-depth understanding of environmental science, which includes concepts from earth science, biology, chemistry, and physics. Fundamental topics include: environmental science skills, earth systems, energy resources, land and water resources, populations, and the atmosphere and climate change. In addition, students will apply scientific thinking to solve problems experienced in nature. The effect of the human population on ecosystems will also be explored. An appreciation for the Earth and its natural resources will be instilled throughout this course. Prerequisites are successful completion of Biology and Chemistry.

# Science Honors Program

Placement in The Science Honors or AP program is teacher directed and requires Department Approval. Any student moving from a college prep level course to an Honors Course must maintain a grade of 93 or above on tests, exams and final grade in the previous Science course, and secure department approval with the teacher's recommendation. Students in Honors courses must maintain an 85 or above on tests, exams and final grade in the previous Science course, to remain in the Honors level course.

Beginning in 2022, placement in The Science Honors or AP program will be teacher directed and require Department Approval. Any student moving from a college prep level course to an Honors Course must maintain a grade of 93 or above on tests, exams and final grade in the previous Science course, and secure department approval with the teacher's recommendation. Students in Honors courses must maintain an 89 or above on tests, exams and final grade in the previous Science course, to remain in the Honors level course.

## Science Honors Courses

### **HONORS BIOLOGY (417)**

#### **GRADE 9 - REQUIRED**

(5 Credits) Honors

This course presents a general overview of biology topics at the honors level. Topics include microbiology, genetics, evolution and ecology. Attention is given to the development of student skills in analytical thinking and synthesis of conceptual relationships. Laboratory investigations are a key component of this course.

### **HONORS CHEMISTRY (439)**

#### **GRADES 10, 11 – REQUIRED**

(5 Credits) Honors

This course emphasizes the mathematics of Chemistry as well as the traditional chemical principles such as nomenclature, quantum theory of the atom, mass relationships in chemical reactions, Kinetic Theory of gases, liquids and solids, thermochemistry, reactions of aqueous solutions, Periodic Table and trends, and Chemical Bonding. It is a preliminary course designed especially for students wishing to proceed to Advanced Placement Chemistry. Students taking the minimum corequisite math of Honors Algebra II are eligible for this course.

### **HONORS PHYSICS**

#### **GRADES 11, 12 - REQUIRED**

(5 Credits) Honors

The Honors Physics course explores the fundamental laws that govern the universe: classical physics, starting with mechanics and Newton's interpretation of how the world works. Concepts such as velocity, acceleration, force, momentum, and energy are used to investigate motion, gravity, and current. Labs provide concrete demonstrations of physical principles. Students will apply their mathematical skills to the predict action in the physical world and solve problems. Honors Physics students must have minimum grade of 89 in their honors math class for placement.

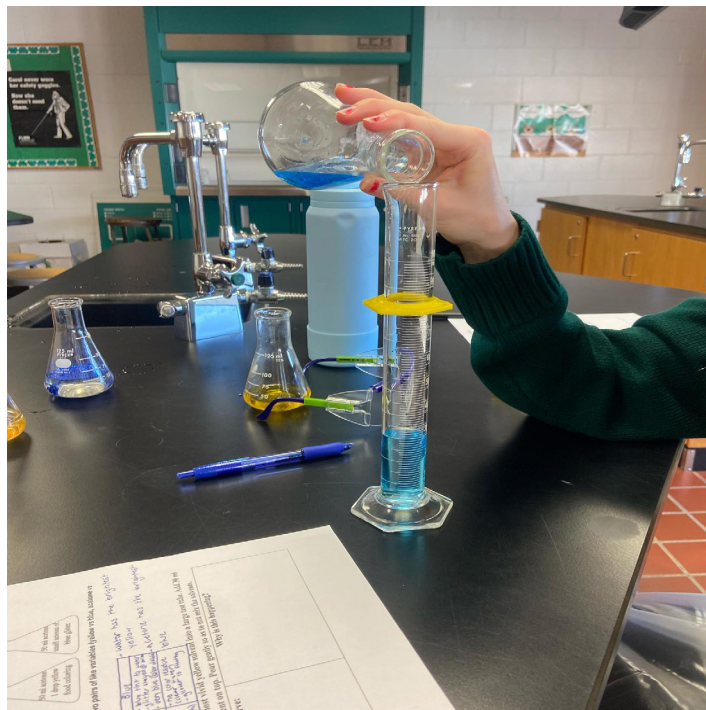
Honors Science students must have a minimum grade of 89 and be enrolled in an Honors Math course.

### **ADVANCED PLACEMENT CHEMISTRY (467)**

#### **GRADE 11, 12 - ELECTIVE**

(5 Credits) Advanced Placement

Advanced Placement Chemistry is designed to be the equivalent of a two-semester college chemistry lab course in its quality and sophistication. The course is structured around the curricular framework provided by the College Board, including major topics of atomic structure and properties molecular and ionic compounds, intermolecular forces, chemical reactions, kinetics, thermodynamics, equilibrium and acids and bases. The course contributes to the development of students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. Emphasis is placed upon chemical calculations and mathematical formulation of principles and laboratory work. The course requirements are rigorous, and students should





anticipate significant time in individual study. The recommended mathematics prerequisite for AP Chemistry is the successful completion of a second-year algebra course.

Students must have completed Honors Chemistry with a minimum grade of 93 or College Prep Chemistry with a minimum grade of 97. College Prep Chemistry students must also have their current teacher's recommendation. Students must also have a minimum grade of 93 in all previous Math courses.

### **AP PHYSICS 1 (468) GRADES 11, 12 - ELECTIVE**

(5 Credits) Advanced Placement

AP Physics 1 is an algebra-based, college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion. Students should have completed H Geometry and H Algebra II. Physics 1 course also includes basic use of trigonometric functions. In this course 25% of instructional time is spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply the science practices. Colleges may require students to present their laboratory materials from AP science courses before granting college credit for laboratory work, so students are encouraged to retain their notebooks, reports, and other materials. The minimum required math co-requisite is Honors Pre-Calculus.

### **ADVANCED PLACEMENT BIOLOGY (461) GRADES 11, 12 – ELECTIVE**

(6 Credits) Advanced Placement

Advanced Placement Biology is designed to be the equivalent of a two-semester college biology lab course in its quality and sophistication. The course is structured around the curricular framework provided by the College Board, including major topics: biochemistry, cell structure and function, cellular energetics, cell communication and cell cycle, genetics, gene expression and regulation, natural selection, and ecology. Students will develop the ability to think critically and express ideas orally and in writing, with an emphasis on integrating inquiry, reasoning, and quantitative skills.

Summer work and lab work outside the normal class time should be expected. Since this is a demanding and rigorous course, students who enroll in this course are expected to have a high level of interest, strong motivation and suitable study skills. Students who enroll in this course must earn department approval and must have completed Biology, Chemistry. The prerequisite for this course is the completion of Honors Biology and Honors Chemistry with an 85 on tests, exams, and the final grade.

Beginning in 2022, students must have completed Honors Biology/Biology and Honors Chemistry/Chemistry. The minimum grade for Honors Biology and Honors Chemistry is 89. The minimum grade for College Prep Biology and Chemistry is 93. Current teacher recommendation is required for students who have completed CP Biology and CP Chemistry.



# Technology Courses

## **APPLIED MODERN TECHNOLOGY AND INNOVATION (637)**

### **Grade 9 - REQUIRED**

(2.5 Credits) College Prep

Students in 9th Grade will all take Applied Modern Technology and Innovation. During this course, the students will all explore the principles of coding and web design. They will seek solutions to problems and work together on projects in technology

## **INTRODUCTION TO DESIGN THINKING**

### **Grade 9 - REQUIRED**

(2.5 Credits) College Prep

Students in the Introduction to Design Thinking Course will learn the principles of innovative and iterative design. In order to prepare students for four years of problem and project based learning, students will develop 21st century technical, teamwork, project management, and communication skills.

## **CYBERSECURITY (650)**

### **GRADE 12 - ELECTIVE**

(5 Credits) College Prep

This is a college prep (CP) course and is designed to familiarize students with the current cybersecurity landscape and provide the knowledge of relevant tools to assess and manage security protocols in information processing systems. Skills to be learned may include but not be limited to; a) Cybersecurity fundamentals; b)Threat actors attacks; c) Security policies and procedures; d) Network security controls; e) Disaster recovery. It will be one (1) year in length and for 5 credits and is open to Seniors only. There is no specific Math or technology prerequisite to elect this course. This course cannot be used as part of the CCHS four (4) year Math requirement.

## **ROBOTICS (450)**

### **GRADES 10, 11, 12 - ELECTIVE**

(5 Credits) College Prep

Introduction to Robotics will use a hands-on approach to introduce basic concepts of robotics, focusing on designing, prototyping, building, and programming. Course content will be tied to STEM lab challenges and students will work in teams to build increasingly complex mobile robots with both autonomous and driver-controlled functions. Students will have iterative learning opportunities by competing in in-house events and at least one official VEX Robotics Competitions. Skills developed include a growth mindset, critical thinking, innovation, and design skills.

## **ROBOTICS II**

### **GRADES 10, 11, 12 - ELECTIVE**

(5 Credits) College Prep

This course is reserved for competitive robotics students who have either taken Introduction to Robotics or will attend the week-long preseason training the week before school starts (August 28th to September 1st). Students enrolled in this class are expected to attend our scrimmage on a Saturday in mid-December and at least two day-long tournaments, both on weekends in January and/or February. If students qualify for the State or World Championship, they are expected to make their best effort to represent CCHS. Teams will record progress in an engineering notebook and have target Robot Driving and Programming Skills scores to achieve. Expect to spend time outside of class time to work on robots.

## **COMPUTER PROGRAMMING/WEB DESIGN (645)**

### **GRADE 10, 11, 12 - ELECTIVE**

(5 Credits) College Prep

This course includes programming, scripting, coding, and knowing how to solve problems of the most essentials skills in the digital age. In this course, students learn the building blocks of computer science through programming codes like C++ and Java in addition to web page development and design using HTML. Critical thinking, problem solving, strategy, and creativity are at the forefront of this course.

## **ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES (665)**

### **GRADE 11 AND 12- ELECTIVE**

(5 Credits) Advanced Placement

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world. Students must have completed Algebra II with a 93, or Honors Algebra II with an 85, and have earned a 93 in Computer Information and Applied Modern Technology.



# Arts Courses

## Fine Arts Courses

### **FUNDAMENTALS OF ART (718)** **GRADES 9, 10, 11, 12 - ELECTIVE**

(5 Credits) College Prep

This course introduces the students to the essential techniques in drawing, painting, and design. Exposure to a variety of materials and experiences allows the student to develop a working knowledge of the art elements and principles of design.

### **DRAWING AND PAINTING (722)** **GRADES 10, 11, 12 - ELECTIVE**

(5 Credits) College Prep

This course is for students interested in furthering their art study. The course is a combination of the history and theory involved in drawing and painting. Students develop skills in using dry, wet and mixed media. As the course develops, students learn how paintings are constructed, thus expanding their understanding of design and composition. Students must successfully complete Fundamentals of Art before enrolling in Drawing and Painting.



## Fine Arts AP Program

### **ADVANCED PLACEMENT STUDIO ART (742)** **GRADES 11, 12 - ELECTIVE**

5 Credits - AP

AP Studio Art is intended for highly motivated students who are seriously interested in the study of art. The course involves a significant commitment and a high level of artistic accomplishment. The course consists of creating a comprehensive portfolio demonstrating diverse aspects of the AP Art curriculum such as a systematic investigation of formal and conceptual issues in art and the making of art as an ongoing process of critical decision-making. Those students who intend to complete the AP Art portfolio must have completed Drawing and Painting and earned a grade of 85 or better. This course will be offered as an independent study. See the instructor for details.

Placement in The Fine Arts AP program is teacher directed and requires Department Approval.



# Performing Arts Courses

## **BAND (770)**

### **GRADES: 9, 10, 11, 12 – ELECTIVE**

(5 Credits) College Prep

This course is designed to help students improve their playing abilities individually and in harmony with others in the band setting. Performance is required, and provides the majority of student assessment. Differentiated learning will be provided for varied skill levels through lessons and the different instrumentation/parts provided. Students will improve their ability to read music notation, and will be provided with countless opportunities to perform alone and with others. The students will learn how to listen to, evaluate, and understand relationships between the music they perform in class and disciplines outside of the arts by exploring the history, culture, and overall context of the piece. Students are required to reserve the following dates to attend outside of class each quarter: Q1 Open House, Q2 Christmas Concert, Q3 Performing Arts Retreat, Q4 Spring concert.

## **STRINGS (781)**

### **GRADES: 9, 10, 11, 12 - ELECTIVE**

(5 Credits) College Prep

This course is designed to help intermediate students improve their playing abilities individually and in harmony with others in the string setting. Performance is required, and provides the majority of student assessment. Students will improve their ability to read music notation, and will be provided with countless opportunities to perform alone and with others. The students will learn how to listen to, evaluate, and understand relationships between the music they perform in class and disciplines outside of the arts by exploring the history, culture, and overall context of the piece. Students are required to reserve the following dates to attend outside of class each quarter: Q1 Open House, Q2 Christmas Concert, Q3 Performing Arts Retreat, Q4 Spring Concert.

## **MUSIC THEORY (792)**

### **GRADES 10, 11, 12 – ELECTIVE**

(5 Credits) College Prep

Music Theory and Composition is an in-depth study of the fundamental elements of music which explores the theoretical constructs of creative composition. Students develop skills in the analysis of music, ear training, dictation, and theoretical concepts in a variety of styles, settings, and genre. Through composition, critical listening, and performance, the elements of music will be examined for their distinctive roles in musical organization. The course will also provide an overview of the historical, cultural and artistic setting of the works utilized for illustrative purposes. Prerequisite: fluency with musical notation; performance competency with an instrument or in voice.



## **ADVANCED PLACEMENT MUSIC THEORY (790)**

### **GRADE 11, 12 – ELECTIVE (ONLINE)**

(5 Credits) - Advanced Placement

The Advanced Placement Music Theory course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized. While music performance is not the direct focus, understanding from the course will make the student a better performing musician by increasing intuitive awareness and critical understanding and interpretation. Prerequisite: successful completion of Music Theory; department approval. Dual Credit eligible.

## **WOMEN'S CHORUS (767)**

### **GRADES Women 9, 10 - Elective**

(5 credits) College Prep

This course is designed to help students improve their singing abilities individually and in harmony with others. Performance is required, and provides the majority of student assessment. Students enrolled in Women's Chorus will be introduced to the process of singing choral music and reading musical notation in two (SA) and eventually three (SSA) part harmony. The course will also explore vocal technique and health in the treble voice. The students will learn how to listen to, evaluate, and understand relationships between the music they perform in class and disciplines outside of the arts by exploring the history, culture, and overall context of the music and text. Students are required to reserve the following dates to attend, outside of class, each quarter: Q1 Open House, Q2 Christmas concert, Q3 Performing Arts Retreat, Q4 Spring concert



**MIXED CHORUS (775)**  
**GRADES: 9, 10, 11, 12 - ELECTIVE**

(5 credits) College Prep

This course is designed to help students improve their singing abilities individually and in harmony with others. Performance is required, and provides the majority of student assessment. Differentiated learning will be provided for incoming bass voices by beginning the year with 3 part arrangements (SAB) and eventually adding bass harmonies in 4 or more part arrangements. (SATB, SATBB...) Students will be given sight-singing assignments at a level appropriate to their experience. The course will also explore vocal technique and health. The students will learn how to listen to, evaluate, and understand relationships between the music they perform in class and disciplines outside of the arts by exploring the history, culture, and overall context of the music and text. Students are required to reserve the following dates to attend, outside of class, each quarter: Q1 Open House, Q2 Christmas Concert, Q3 Performing Arts Retreat, Q4 Spring concert.

**CLASS PIANO (782)**  
**GRADES 9,10,11, 12 - ELECTIVE**

(5 credits) College Prep

Class Piano is a course that is run out of our new piano lab. It is designed for piano students that would like piano practice during the school day. Students will be asked to learn repertoire in various styles (baroque, classical, romantic, 20th century, contemporary) as well as etudes and scales to improve their piano proficiency. Registering students must meet with Mr. Gardner to gauge their interest and ability. Piano recitals serve as the Midterm and Final evaluations.

**CLASS GUITAR (784)**  
**GRADES 9,10,11, 12 - ELECTIVE**

(5 credits) College Prep

Class Guitar is a course for beginning guitar students. Students will be taught to read music notation, tabs, and chord positions on the instrument. Guitar recitals serve as the Midterm and Final evaluations. Students will experience rhythm guitar, melody playing, ensemble playing, and scales.



# Digital Arts and Media Studies Courses

## **COMMUNICATIONS: MEDIA, TECHNOLOGY AND SOCIETY (652)**

### **GRADE 12 – ELECTIVE**

(5 Credits) College Prep

How does media impact us, and what effect do we have on media? The answers to these questions will be thoughtfully debated and written about in this introductory course to the world of Communications. Students with an interest in journalism, print, or broadcast, radio/television/film, advertising, public relations, and the music industry should take this course. Students will be more informed and more engaged consumers and creators of content upon completion of this course.

## **DIGITAL FILM PRODUCTION (735)**

### **GRADES 10, 11, 12 – ELECTIVE**

(5 Credits) College Prep

This project-based course gives students the opportunity to learn about and experiment with various audio and visual techniques used in crafting compelling fiction and non-fiction narratives. Students create cinematic stories directing short films and hone investigative skills producing mini-documentaries. Students with an interest in watching television, movies, YouTube, and listening to podcasts will learn how to share their voice and vision in producing original content. Selected projects will play on CCTV and be shared via Camden Catholic social media.

## **DIGITAL FILM PRODUCTION II (738)**

### **GRADES 11, 12 - ELECTIVE**

(5 Credits) College Prep

This project based course gives students serious about filmmaking the opportunity to deepen their knowledge and understanding of storytelling techniques they learned in Digital Film Production I. Students will write, direct, and produce longer original films (narrative and non-narrative) with the goals of building a reel for college and submitting to festivals and competitions. This course will involve out of class time to complete projects.

## **FILM STUDIES (736)**

### **GRADES 10, 11, 12 – ELECTIVE**

(5 Credits) College Prep

What can films teach us about ourselves, our country, and our world? This course provides an introduction to film and will teach students to think historically, theoretically, and analytically about film. Students will learn the critical and technical vocabulary of the industry and study the importance of films after classroom screenings. This course is writing intensive and students should leave the course with an appreciation for films that are aesthetically and culturally significant.

## **PHOTOSHOP AND DIGITAL PHOTOGRAPHY (746)**

### **GRADES 10, 11, 12 – ELECTIVE**

(5 Credits) College Prep

This is a year-long, project-based course that introduces

students to the mechanics of a digital camera and professional photographic techniques including image processing, photo retouching, and collage work. These techniques will be used to edit/enhance the photographs that you take throughout the year using Adobe Photoshop, a professional program.

## **YEARBOOK AND PUBLISHING (747)**

### **GRADES 10, 11, 12 – ELECTIVE**

(5 Credits) College Prep

In this course students will gain skills in one or more of the following areas: page design, advanced publishing techniques, copy writing, editing and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on layout design, photography and journalism skills in this class. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles. This course will involve students in the publication of the school yearbook from start to finish. Tasks of the course include writing copy, editing both text and layout using digital media. Students must a grade of 85 or higher in English.

## **GRAPHIC DESIGN I (745)**

### **GRADES 10, 11, 12 – ELECTIVE**

(5 Credits) College Prep

Graphic Design is a year-long, project-based class where students will develop skills in graphic design using Adobe InDesign and Illustrator. This course will introduce the role graphic design plays in the modern technological world. Students will explore graphic design, print and layout design, interactive design and production. The class structure is studio-oriented and project-based, along with assigned reading and required writing. The hands-on “doing” of design will be supplemented with lectures, demonstrations, video, online research and critiques. Students gain useful, real world skills in time management, marketing, teamwork, and design principles.





# Electives and Other Required Courses

## Health

Because of the health problems faced by many Americans today, all high school students need information about current health and fitness issues. Our goal has been to expand our health and physical education program to offer courses to all four levels of students.

### HEALTH: SKILLS FOR WELLNESS (025)

#### GRADE 10 - REQUIRED

(2.5 Credits) College Prep

This course provides a holistic view of the physical, mental, emotional, and social aspects of health. It focuses on developing positive health attitudes, living a healthy lifestyle, and avoiding high-risk behaviors in order to promote lifelong wellness. Through a variety of class activities, students will be able to assess information and relate it to their own lives. The specific units studied are mental health and mental disorders, social health, substance abuse, human development and sexuality, and nutrition and fitness.

### DRIVER'S EDUCATION – CLASSROOM (026)

#### GRADE 10 – ELECTIVE

(1.25 Credits) College Prep

This course provides the necessary classroom instruction recommended by the New Jersey Motor Vehicle Commission. It is designed to prepare students to learn how to be safe drivers. At the end of the course, students will take the New Jersey State written examination. Those who earn a minimum of 80% on this exam and successfully complete all course requirements will receive documentation (a card and certificate) of completion.

Students with unique scheduling demands who may need to take Health or Driver's Education independently, or have completed either of these courses, must schedule an appointment with the Vice Principal for Academic Affairs.







## Business

As students progress through high school they are continually challenged to integrate their academic learning into their lives beyond the classroom. The courses offered in this section seek to bridge the gap between scholastic learning and life by challenging students to acquire new skills and apply them to meaningful projects that mirror similar applications in various sectors of society.

### **ACCOUNTING (640) GRADES 11, 12 – ELECTIVE**

(5 Credits) College Prep

This course is a study of the basic principles of accounting, how to set up an accounting system, how to prepare balance sheets, financial statements, worksheets, and making and adjusting and closing entries.

### **CONSUMER ECONOMICS: PERSONAL FINANCE (650)**

**GRADES 11, 12 – ELECTIVE**

(5 Credits) College Prep

This course is designed to prepare students to be informed consumers. Students will learn ways to handle rising costs and managing personal resources. Some topics introduced include budgeting, checking accounts, debit cards, credit cards, auto loans, mortgages, paychecks, tax returns, insurance, rent, social security, and wise shopping techniques.

### **ENTREPRENEURSHIP AND SMALL BUSINESS MAN- AGEMENT (665)**

**GRADES 11, 12 – ELECTIVE**

(5 Credits) College Prep

This course is designed for students to learn the fundamentals of entrepreneurship and managing a business. Course topics include: deciding to purchase, join or start a business; choosing a legal form of business; developing a business plan; financing a business; identifying a market; choosing a location; setting pricing; keeping records for a business; marketing a business; distribution; dealing with workers and payroll; risk management and operational procedures.



# McAuley Learning Program

The curriculum in the McAuley Learning Program is academically based and specifically designed for students who are classified by the Child Study Team. The philosophy of the program is to nurture and educate students, and foster learning in a Christian environment where their spiritual, academic, social, and emotional needs are met. Classes in this program are taught in a self-contained learning environment. The primary role of our program is to prepare young men and women to face the many challenges of life and to be able to assume responsible roles within society.

## **RELIGION – MORALITY (975)**

This course is designed to help students examine the moral teachings of the Catholic Church in order to make good choices in their daily lives.

## **RELIGION – SCRIPTURE (995)**

This course is designed to help students develop an understanding of the Old and New Testaments. Students will focus on Bible study and the history of the Bible.

## **RELIGION – CELEBRATING SACRAMENTS (995)**

This course is a study of the sacramental world of symbols, rituals, and prayer with an in depth focus on the sacraments of initiation, sacraments of healing, and the sacraments at the service of communion. Students will learn about Jesus Christ, the Church, and the history of the sacraments.

## **RELIGION – SOCIAL JUSTICE (965)**

This course is designed to help students become aware of and understand the importance of our roles as Christians. This course is also used to advocate for social justice as applied to political, social, medical, and global issues.

## **ENGLISH (961)**

English composition, grammar, and literature are taught over a four year period. Students are required to keep a journal and are taught study and note-taking skills. Small group instruction is provided. Students are encouraged to express themselves and think creatively.

## **AMERICAN LITERATURE (921)**

Students study a mix of literary genres from colonial times to today. This provides a journey through America's literary heritage. Identifying literary terms, critical thinking skills, vocabulary skills and writing skills are stressed.

## **BRITISH LITERATURE (922)**

This course uses parallel texts and provides students with the opportunity to read such authors as Chaucer, Swift, Shakespeare, and Milton. The time period covered is from the Anglo-Saxon Period (449) to the Restoration and Enlightenment (1798). Critical thinking, vocabulary skills, and writing skills are stressed in order to gain understanding in the otherwise challenging language found in this form of literature.

## **WORLD LITERATURE (952)**

This course opens the door to culturally diverse writers from around the world. Complete works and excerpts encourage engagement with the material. Students will develop critical thinking skills, writing skills, and vocabulary skills.

## **MYTHOLOGY (950)**

This course exposes students to classic literature. Mythology is presented in a retold, unabridged version. This course challenges higher thinking abilities and addresses most elements of literature. Students will develop literary skills, critical thinking skills, and writing skills by examining plot, character, setting, and themes in a variety of imaginative ways.

## **READING (960-970-980-990)**

Various basic reading courses are offered during the four years in the McAuley program. Students are taught with individualized and group instruction. Strong emphasis is placed on life skills, reading and comprehension. Increasing each student's confidence level is a significant factor in having each one reach his/her own level of success. Students may or may not be required to participate in the Reading Course for all 4 years.

## **ALGEBRA 1 PART 1 (986)**

Students study the first half of the basic skills for Algebra 1. Basic equations, basic operations with rational numbers and expressions, polynomials, and real numbers are the main topics covered in this course.

## **ALGEBRA 1 PART 2 (987)**

Students study the second half of Algebra 1 which includes solving linear and quadratic equations, the rectangular coordinate system and solving systems of equations. Students will be introduced to Geometry at the end of the year.

## **GEOMETRY (984)**

Students study the basics of geometry which includes basic terminology, properties of polygons and circles, and areas and volumes of geometric figures.

## **ALGEBRA II (985)**

This course builds on the concepts learned in Algebra 1. It includes the real number system, polynomials and factoring, rational expressions, coordinate geometry, relations and functions, linear inequalities, radicals, and rational exponents. Real world applications are presented and discussed.



### **GENERAL SCIENCE (953)**

Concepts of physical, earth, life science, and the human body are covered. Hands-on investigations and 'Science in your life' activities lead students to apply skills they learn to everyday life. National Science Standards are addressed throughout the course.

### **BIOLOGY (973)**

This course provides a comprehensive overview of the science of living things, their characteristics, functions, systems, natural resources, as well as the five kingdoms. Lab periods provide hands-on activities.

### **EARTH SCIENCE (963)**

This course covers Geology, the Universe and the Environment. Some of the topics include minerals, atmosphere, oceans, weather, climate, and natural resources. Students do some in class experiments and written reports. Appreciation of our planet and study skills are stressed.

### **WORLD GEOGRAPHY (996)**

This course teaches aspects of the earth such as climate, land formations, natural resources, economics, politics, history and how these affect the formation and growth of cultures. Concentration is on countries in North America and South America. Students experience hands-on activities, critical thinking, research, and writing skills.

### **UNITED STATES HISTORY I (994)**

This course teaches the history of the United States from its roots in England and the colonial period to the Civil War. Critical thinking skills, study skills, and the skill of seeking and finding information are emphasized.

### **UNITED STATES HISTORY II (992)**

This course covers the history of the United States from the Civil War to the present. It examines the political, economic, and social forces which have shaped the US and its foreign policy. Map and chart skills, writing skills, independent thinking, and good citizenship are stressed.

### **UNITED STATES GOVERNMENT (952)**

The function of federal, state and local governments are presented, discussed and analyzed along with the history of political parties and the voting process in the United States. Roles and responsibilities of American citizenship and a global view of comparative government are also addressed.

### **CONSUMER ECONOMICS (953)**

This straightforward, easy to understand program provides students with the key concepts essential for successful adult living. Students gain practical math competence through real world examples in the areas of money management, banking, credit cards, career choices, consumerism, jobs, and everyday living.

### **ENGLISH AND MATHEMATICS SEMINAR (975)**

In this course, students will focus on basic skills in English and Mathematics. The English seminar, students will focus on note-taking and study skills along with basic English grammar. The Math seminar will allow students to work on their fundamental Pre-Algebra skills that will allow for them to be successful in their future math classes. These seminars will run every other day alternating subjects.





**Camden Catholic High School  
is accredited by the  
Middle States Association of Colleges and Schools,  
and The Diocese of Camden,  
and is a member of the College Board.  
(College Board Code: 310185/NCAA Code:9999)**