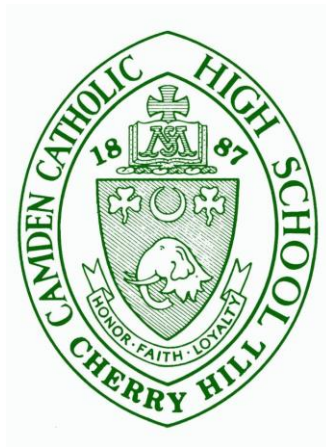


CAMDEN CATHOLIC HIGH SCHOOL

Course Guide

2018-2019



Our Mission:

Camden Catholic High School is a suburban, college preparatory, day and boarding school. It educates young men and women spiritually, academically, socially and physically in a faith community to develop as life-long learners and leaders in a global society in the Catholic tradition.

Contents

PROGRAMS OF STUDY	
Honors Courses	P. 3
College Prep Courses	P. 3
Virtual High School	P. 3
COLLEGE CREDIT OPTIONS	
Advanced Placement	P. 3
Camden County College Dual Credit Program	P. 4
Rowan College at Gloucester County	P. 4
Seton Hall University Project Acceleration	P. 4
SPECIAL PROGRAMS	
Cathedral Scholars	P. 4
Leadership Academy	P. 4
McAuley Program	P. 4
GRADUATION REQUIREMENTS	
Credit Requirements	P. 5
Service Learning	P. 5
Senior Project	P. 6
Leadership Academy	P. 6
COURSE SELECTION PROCESS	
Procedures	P. 7
Schedule Changes	P. 7
Incoming Freshmen Course Selection Criteria	P. 8
NCAA Clearinghouse	P. 8
DEPARTMENTAL COURSE OFFERINGS	
Religion Department	P. 9
Health & Physical Education Department	P. 12
English Department	P. 14
Social Studies Department	P. 17
Mathematics Department	P. 20
Science Department	P. 23
World Language Department	P. 26
Leadership	P. 32
Fine Arts	P. 32
Performing Arts	P. 33
Digital Arts	P. 37
McAuley Program	P. 40

Programs of Study

Camden 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 2018-2019 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. In order to remain in honors level classes, students must maintain an 85 average and must secure the recommendation of their current teacher. 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"). Any student moving from a regular level college prep course to an Honors Course must maintain a grade of 93 or above, and secure department approval with the teacher's recommendation.

Virtual High School: CCHS has partnered with Virtual High School, Inc. to offer students courses that are not offered in the CCHS curriculum. Students must meet with the Principal and submit an application for consideration.

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. 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 English Language and Composition, French III, French IV, Latin III, Spanish III, Spanish IV, and Spanish V. Information about enrolling in these courses is available in class during the first quarter.

Rowan College at Gloucester County: Through this partnership with Rowan College, students may enroll in college courses and take advantage of Rowan's College Planning Center. Please check in the Guidance Office for more information.

Seton Hall University Project Acceleration: SHU offers a dual credit program for students who are taking courses at CCHS that are approved for credit at the university. Students enrolled in these courses will be given information about the dual credit option.

SPECIAL PROGRAMS:

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. After registering, incoming Freshmen are invited to apply to the program based on their eighth grade academic records and High School Placement Test scores.

The Leadership Academy at Camden Catholic High School: Camden Catholic High School recognizes that for students to be successful leaders in the 21st century economy there are a set of skills and competencies that students need to develop beyond the fundamental lessons of traditional education. Based in the research of Positive Psychology, the Leadership Academy provides students with a menu of Leadership Modules that enable students to build this additional skill set. Each module is based in one of the five Leadership Academy values of Faith, Excellence, Creativity, Unity and Passion.

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 self-contained 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 35.

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, a senior research project, and Leadership Academy modules. Freshmen are required to carry 35.5 academic credits. Sophomores are required to carry 34.75 academic credits. Juniors are required to have 34.00 academic credits. Seniors must maintain a minimum of 33 academic credits. Freshmen are required to complete 8 hours of service sophomores are required to complete 16 hours of service, juniors are required to complete 24 hours of service. Seniors are required to complete 32 hours of service. Students in each grade are required to complete two reflections each year related to Catholic Christian service. (See page 6 for additional information.)

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 may be exempt from the 2 Year World Language Requirements.

Other Course Requirements:

- Arts – 1 Year or 2 Semesters
- Health - 2 Semesters (1 Sophomore, 1 Junior year)
- Physical Education - 1 Semester
- Technology - 1 Semester
- Driver's Education- 1 Quarter

Other Requirements: Please see below for information regarding the requirements for each of these programs.

- Service Learning:
- Senior Research Project
- Leadership Module(s)

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

Service Learning: Learning to Serve, Serving to Learn:

An extremely promising area of contemporary learning requires students to engage in meaningful experiences beyond the world of the classroom, and in doing so provide a balance to the limitations of scholastic life some students may feel within the curriculum. Participation in diverse service experiences enables students to share their energies and talents while developing an awareness and concern for people very different from themselves, and fostering the ability to work cooperatively with others. Camden Catholic’s goal of educating the whole person, and exposing all students to the many dimensions of the Body of Christ is an intricate part of the experience of service. Students should emerge from their service work as more caring and socially responsible young adults who see the endless possibilities the world presents to them. The educational benefits of service reverberate throughout the school community as students are viewed in a new light as active transformers of environments needing their attention and care.

Service at Camden Catholic High School is required as follows:

Freshmen	8 hrs. minimum	.5 credits
Sophomores	16 hrs. minimum	1 credit
Juniors	24 hrs. minimum	1.5 credits
Seniors	32 hrs. minimum	2 credits

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.

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

The 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 data bases, books, journal articles, periodicals, encyclopedias, service projects and work experience.

The results of the research are presented as a webpage 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.

The Leadership Academy:

Starting with the Class of 2018, every Camden Catholic student will be required to complete one (1) Leadership Academy module during their four (4) years of high school in order to graduate. All students that are already at Camden Catholic and transfer students after freshman year will be required to complete one.

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

The 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 student 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 Ren 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 2018-2019 academic year. ***Elective courses must be chosen carefully. There is a fee to change any course after the course selection sheet has been processed.***

By February 23rd, all students must submit their completed course selection form online and a non-refundable \$300 registration fee. The registration fee must be paid and all accounts must be up-to-date for your course selections to be processed.

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

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

Guidance Counselors will select courses of any student who did not turn in a Course Selection Sheet.

In the first week of June 2018, students whose registration fee has been paid 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 Honors to College Prep level courses if the applicable final grades are not up to the stated standards. Students 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 changed also.

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 2018. 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. This is reserved for failure in an elective course.** 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 grade school testing), elementary 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 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 Department

The goal of the Religion Department is to implement the American 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 various campus ministers in the spiritual and liturgical life of the school and its commitment to service to the Church and the community.

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's 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 focusing on the basic principles of Moral Theology and the implications of the 10 Commandments and laws of the Church for the lives of all people.

PEACE AND JUSTICE/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.

RELIGION HONORS PROGRAM

Students registering for courses in the Religion Honors Program must secure department approval.

UNDERSTANDING THE SCRIPTURES/CHRISTOLOGY HONORS (925)

GRADE 10 – REQUIRED

5 Credits - Honors

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's passion, death, resurrection, and ascension and how this Paschal Mystery shapes our faith as Catholic Christians is the culmination of this course. Any student moving from a regular level college prep course to an Honors Course must maintain a grade of 93 or above in Religion and English, and secure department approval with the teacher's recommendation.

THE CHURCH/MORALITY HONORS (935)

GRADE 11 – REQUIRED

5 Credits - Honors

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 focusing on the basic principles of Moral Theology and the implications of the 10 Commandments and laws of the Church for the lives of all people. Students will be required to do research and class presentations on the various topics presented both semesters and demonstrate the ability to apply the principles learned to the issues facing the Church today. Any student requesting an Honors Course must maintain a grade of 93 or above in Religion and English, and secure department approval with the teacher's recommendation.

SOCIAL JUSTICE/CHRISTIAN VOCATIONS HONORS (944)

GRADE 12 – REQUIRED

5 Credits - Honors

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. Students will be required to do research and class presentations on the various topics presented both semesters and demonstrate the ability to apply the principles learned to the issues facing the Church today. Any student requesting an Honors Course must maintain a grade of 93 or above in Religion and English, and secure department approval with the teacher's recommendation.

CHRISTIAN MINISTRY: JUSTICE AND SERVICE (946)

GRADE 12 – REQUIRED

5 Credits - Honors

This course requires the student to make 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. Any student requesting an Honors Course must maintain a grade of 93 or above in Religion and English, and secure department approval with the teacher's recommendation.

Health and Physical Education Department

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.

PHYSICAL EDUCATION AND EXERCISE SCIENCE (011-Male, 012-Female)

GRADE 9 - REQUIRED

2.5 Credits - College Prep

This course strives to help students develop mentally, emotionally, and socially as well as physically by emphasizing cooperation, responsibility, fair play, and good sportsmanship. Students participate in a variety of activities including conditioning, weight training, team and individual sports, aerobic and anaerobic exercise, and recreational activities. Instruction, drills, and lead-up games develop skills, endurance, strength, and flexibility. Our goal is to promote wellness through physical fitness and to motivate students to continue to be physically active throughout their lives. **Students who are not able to physically participate in Physical Education class for medical reasons will be required to complete research topics assigned by the instructor.**

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.

JUNIOR HEALTH: RED CROSS COMMUNITY CPR AND FIRST AID (035)

GRADE 11 - REQUIRED

2.5 Credits - College Prep

This course uses the American Red Cross Community Health and Safety program to prepare students to respond in an emergency. Through “hands on” practice using CPR manikins, students will gain confidence in helping adults, children, and infants who are experiencing emergencies, including unconsciousness, choking, apnea, bleeding, and cardiac arrest. In addition, this course emphasizes the value of a safe and healthy lifestyle by examining behavior and situations that contribute to the risk of injury or illness and encouraging precaution and making lifestyle changes if necessary. By meeting specific skill requirements and achieving 80% or better on written standardized tests, students will receive American Red Cross certification cards in both Adult CPR and Standard First Aid.

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.

JUNIOR AND SENIOR PHYSICAL EDUCATION AND EXERCISE SCIENCE (043)

GRADES 11, 12 - ELECTIVE

2.5 Credits - College Prep

This course re-emphasizes the expectations established during freshman physical education. In addition, students will be exposed to more lifetime sports and recreational activities to promote wellness and to motivate students to continue to be physically active throughout their lives.

English Department

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 will be challenged to achieve high classroom expectations and build a highly developed structure of knowledge that will accompany them throughout their lives.

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.

JOURNALISM (148)
GRADES 11, 12 - ELECTIVE
5 Credits - College Prep

This course offers students the opportunity to explore the elements of journalistic writing while studying the history of journalism, both in the United States and around the world. The emphasis of the course will be splits between the analysis of contemporary issues in the media and contribution of student generated journalistic writing in the school newspaper. This course is an English elective and would be taken in addition to the yearly required English class

ENGLISH HONORS PROGRAM

Placement in The English Honors or AP program is teacher directed and requires Department Approval.

HONORS LITERATURE AND COMPOSTION (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. Any student in a college prep level English Course requesting an Honors Course must maintain a grade of 93 or above in English, and secure department approval with the teacher's recommendation.

HONORS BRITISH LITERATURE: A STUDY OF CLASSICAL LITERTURE, READINGS, AND RESEARCH (134)
GRADE 11 - REQUIRED
5 Credits - Honors

This course emphasizes in-depth analyses of selected works from the major periods of British literature. In addition, the study of research techniques and mechanics of a research paper results in the production of a full-length, thoroughly documented research paper by each student. Any student in a college prep level English Course requesting an Honors Course must maintain a grade of 93 or above in English, and secure department approval with the teacher's recommendation.

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. Any student in a college prep level English Course requesting an Honors Course must maintain a grade of 93 or above in English, and secure department approval with the teacher's recommendation.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION (138)

GRADE 11 - ELECTIVE

5 Credits - AP

Students who enroll in the AP English Language course will become astute readers of prose, poetry, 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, and various subjects contribute to communication and understanding. Students who enroll in this course must be capable of reading challenging material and committed to writing and revision. This course may be taken either in place of or in addition to English 134.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION (136)

GRADE 12 - ELECTIVE

5 Credits - AP

Students who enroll in the AP English Literature course will be challenged daily in a rigorous and 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 144.

Social Studies Department

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, world religions, 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.

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 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 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-fields of psychology, students hone reading, writing, and critical thinking skills through activities, demonstrations, projects, and presentations.

SOCIAL STUDIES HONORS PROGRAM

Placement in The Social Studies Honors or AP program is teacher directed and requires Department Approval.

HONORS WORLD AND EUROPEAN HISTORY (218)

GRADE 9 - REQUIRED

5 Credits - Honors

This course teaches the history of western civilization from ancient Greece and Rome through the Middle Ages to Renaissance and Reformation ending at World War I. Students will develop historical research skills, map skills, an awareness of the world affairs through various research projects. Analytical essays and other writing assignments accompany extensive reading and analysis of primary and secondary sources. Students are placed in this course based on their scores on the Entrance Test (HSPT), and middle school Social Studies and English grades.

HONORS UNITED STATES HISTORY I (228)

GRADE 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. Students must maintain an 85 in Honors World and European History or a 93 in World and European History to be eligible for this 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.

ADVANCED PLACEMENT UNITED STATES HISTORY (250)

GRADE 11- REQUIRED

5 Credits - AP

This study of American History, beginning at 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. An 85 in Honors United States History I is required for this course. Students taking United States History I need a 93 in the course and the teacher recommendation for this 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.

ADVANCED PLACEMENT EUROPEAN HISTORY (240)

GRADE 11, 12 - ELECTIVE

5 Credits - AP

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 and English courses, and secure department approval with the teacher's recommendation.

ADVANCED PLACEMENT PSYCHOLOGY (275)

GRADE 12 - ELECTIVE

5 Credits - AP

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-fields 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.

Mathematics Department

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.

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 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, basic operations of rational expressions, solving quadratic equations, and systems of equations.

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 system and solving open response problems.

GEOMETRY (320)

GRADES 9, 10, 11 – REQUIRED

5 Credits - College Prep

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, areas and volumes of geometric figures and similar shapes; and an introduction to trigonometry.

***To start in College Prep Geometry, a student must have completed a FULL YEAR of Algebra in 8th grade and score successfully on the Mathematics Department's Algebra I placement exam.**

ALGEBRA II (322)
GRADES 10, 11, 12 – 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.

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 pre-requisite is Algebra II.*

PRE-CALCULUS (327)
GRADES 11, 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 will include matrices and determinants, complex numbers, exponential and logarithmic functions, sequences and series, probability and statistics, trigonometric ratios, functions, and graphs.

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 will include applications of counting methods (voting theory); fair division methods (game theory); Euler and Hamilton graphs; networks; combinatorics; symmetry; symbolic logic; a descriptive statistics; and a review of matrices .

MATHEMATICS HONORS PROGRAM

Placement in The Mathematics Honors or AP program is teacher directed and requires Department Approval.

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 GEOMETRY (321)
GRADE 9* OR 10 - 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, a student must have completed a FULL YEAR of Algebra in the 8th grade and score successfully on the Mathematics Department's Algebra I final exam.**

HONORS ALGEBRA II (324)
GRADES 10, 11 – 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 non-linear 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.

HONORS PRECALCULUS (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.

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.

ADVANCED PLACEMENT CALCULUS AB (333)
GRADE 12 - REQUIRED
5 Credits - AP

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.

Science Department

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.

BIOLOGY (426)

GRADE 9 – REQUIRED

5 Credits - College Prep

This course will acclimate the student to high school sciences by investigating the major biological topics of the human body systems, genetics, evolution, and ecology. Supporting biological concepts such as cell structure, importance of water, structure and function of DNA, will be incorporated within their major respective topic. Investigation skills like modeling and direct observations using a microscope 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.

QUANTITATIVE SCIENCE (428)

GRADE 10 – REQUIRED

5 Credits - College Prep

This course will introduce students to the fundamental concepts and principles of Physics and 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, mechanical (kinematics and dynamics), gravity, work, energy, waves, sound and light, electricity. Laboratory experiences are designed to reinforce topics through gathering, graphing, analyzing, and reporting data.

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 pre-requisite 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 topics in chemistry. Topics include: the Quantum Theory of the atom, the periodic trends of elements in the Periodic Table, formulas of compounds, reaction equations, the mole concept, 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 prerequisite for this course is 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 - and sound. The emphasis of the course is on developing a qualitative, conceptual understanding of general physics principals and models associated with these topics as well providing practical problem-solving exercises. Laboratory experiences are designed to reinforce topics through gathering, graphing, and analyzing data and reporting data. The minimum recommended math co-requisite is Pre-calculus.

SCIENCE HONORS PROGRAM

Placement in The Science Honors or AP program is teacher directed and requires Department Approval.

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, botany, zoology, evolution and ecology. Attention is given to the development of student skills in analytical thinking and synthesis of conceptual relationships.

HONORS CHEMISTRY (439)**GRADES 10, 11 – REQUIRED****6 Credits - Honors**

This course emphasizes the mathematics of Chemistry as well as the traditional chemical principles such as matter its structure & properties, nomenclature, quantum theory of the atom, mass relationships in chemical reactions, Kinetic Theory of gases, liquids and solids, Reactions of aqueous solutions, Period Table & trends, Chemical Bonding and geometry. It is a preliminary course especially for students wishing to proceed to Advanced Placement Chemistry. Double period labs are part of the curriculum. Students who have completed Honors Biology with a minimum year grade of 89 and taking the minimum co-requisite math of Honors Geometry are eligible for this course.

HONORS PHYSICS (436)
GRADES 11, 12 - ELECTIVE
5 Credits - Honors

This course includes topics in both classical and modern physics. A knowledge of Algebra and Basic Trigonometry is required. The course provides a systematic development of the main principles of physics, emphasizing problem solving as well as developing a deep understanding of physics concepts. Laboratory experiences are designed to reinforce topics considered through gathering, graphing and analyzing, and reporting data. The minimum recommended math co-requisite is Honors Algebra II.

ADVANCED PLACEMENT CHEMISTRY (467)
GRADE 11, 12 - ELECTIVE
6 Credits - AP

The AP Chemistry course is designed to be similar to the general chemistry course usually taken during the first college year. 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. This course is designed to be taken only after a successful completion of a first course in high school chemistry. The recommended mathematics prerequisite for an AP chemistry is the successful completion of a second-year algebra course. The course requirements are rigorous, and students should anticipate significant time in individual study.

ADVANCED PLACEMENT BIOLOGY (461)
GRADES 11, 12 – ELECTIVE
6 Credits - AP

The AP Biology course is designed to be a college level introductory biology course. This course will test both the mental aptitude and critical thinking skills of the student. Emphasis is placed on developing a conceptual framework for modern biology and to have the student gain appreciation of biology through the experience of experimentation and inquiry. 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.

World Language Department

The study of languages unfamiliar to students seeks to enrich a 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 than 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.

LATIN I (512)

GRADES 9, 10, 11 - REQUIRED

5 Credits - College Prep

This course provides an introduction to basic language skills. Students learn to read, to write, to speak 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 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, writing, and speaking 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 more varied aspects of contemporary French culture and geography of French speaking countries.

SPANISH III (548)**GRADES 9, 10, 11, 12 – ELECTIVE****5 Credits - College Prep**

This course is designed to further develop reading, writing, and advanced grammatical structures in the Spanish language. Students are encouraged to listen and speak in Spanish in all aspects of this course to further their pronunciation and fluidity in the target language. Complex Spanish literature is studied and oral dialogues and communicational skills are enhanced with upper level grammatical structures and vocabulary. This course is designed for students who have demonstrated proficiency and interest in the Spanish Language. This course is not eligible for dual credit.

CONVERSATIONAL GERMAN (557)**GRADES 10, 11, 12 – ELECTIVE****5 Credits - College Prep**

This course is designed to introduce students to a basic understanding of phrases and conversational techniques in the German language. Students will learn to write, read, speak and appreciate the basic structure of the language. They will learn the uses of formal and informal expressions and practice everyday conversational skills.

LANGUAGE HONORS PROGRAM

Placement in The Languages Honors or AP program is teacher directed and requires Department Approval.

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. Students need to have earned a 93 or higher in Spanish I, and an 85 or higher in all other courses, for eligibility in Honors Spanish II.

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. An 89 or higher in all previous French courses is required for this course.

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. An 89 or higher in all previous French courses is required for this course.

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.

Business, Technology & Interdisciplinary Department

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.

COMPUTER INFORMATION AND APPLIED MODERN TECHNOLOGY (637)

GRADE 9 – REQUIRED

2.5 Credits - College Prep

This course introduces students to computer applications by learning to prepare professional and personal documents and projects using Microsoft Office. The applications used are Microsoft Word, Excel, PowerPoint, and other applications. Students will be challenged to use technological tools across the curriculum by examining the many educational applications of the internet and computer software and hardware. This class will also provide an introduction to web 2.0 applications and the fundamentals of Web Design.

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.

COMPUTER PROGRAMMING AND 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. Learn the building blocks of computer science through programming codes like C++ and Java (did you know Minecraft was built with Java code?) in addition to web page development and design using HTML. Critical thinking, problem solving, strategy, and creativity are at the forefront of this course.

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 MANAGEMENT (665)
GRADES 11, 12 – ELECTIVE

5 Credits - College Prep

Do you have what it takes to be an Entrepreneur and manage you own business? One of the first topics covered in this course is to answer this question. After it is determined that you have the right stuff to be an entrepreneur, the course will cover topics such as: deciding to purchase, join or start a business; choosing a legal form of business; developing a business plan; financing your business; identifying your market; choosing a location; setting pricing; keeping records for your business; marketing your business; distribution; dealing with workers and payroll; risk management and operational procedures. Are you up for the challenge?

GREEN AND WHITE AMBASSADOR CLASS (672)

GRADES 11, 12 - ELECTIVE (Interview Required)

.5 Credits - College Prep

The focus of this class is to teach marketing skills as they relate to marketing a Catholic School education. Students in this course will refine and develop their public speaking and presentation skills and learn basic principles about communications and promotions to the customer. Students will participate in hands on marketing activities throughout the school year in conjunction with the admissions and marketing offices of Camden Catholic High School such as Guest Days and Open House. This class will meet before the school day begins. There will be approximately 18 scheduled sessions. Students who register for this course are committing to arrive at school early for scheduled class meetings. Registration in this course will be limited to 25 students. Requirements for the course are students who can represent Camden Catholic in a positive manner, have enthusiasm and proud of their school. An interest in the field of marketing is not a requirement but an added benefit for a student who does have that interest.

General Arts

Camden Catholic High School offers a comprehensive Arts curriculum in the Fine Arts, Performing Arts and Digital Arts. Many of these courses support and enhance the extra-curricular Arts Program.

LEADERSHIP

LEADERSHIP IN THE 21ST CENTURY

GRADES 11, 12- ELECTIVE

5 Credits- Honors

Course Times: After school

The goal of this general arts course is for students to become proficient in the leadership skills most desired by employees to be successful in the 21st century economy. Students will learn the latest research in the fields of Leadership Theory, 21st Century Learning Skills, Resilience and Positive Psychology. Students will use the principles of Chris Lowney's Heroic Leadership book to apply this knowledge first in their own lives and then by creating Leadership Academy programs for other students within the community. Classes will be 3 hour sessions outside of school hours and will also contain a three day overnight immersion trip to prepare leaders to create their own programs.

Colleges are looking for students who not only have a solid academic record but also are driven, creative, and take a leadership role in their community. The opportunity for students to create and lead their own Leadership Academy courses for other students is unique to Camden Catholic and will set them apart from other college applicants.

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 those 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

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

ADVANCED PLACEMENT HISTORY OF ART (285)

GRADES 10, 11, 12 – ELECTIVE

5 Credits - AP

The AP art history course is a broad overview of the history of art, primarily Western art. The course begins with prehistoric art and culminates with the art of the 20th century. It is intended to provide students with a familiarity of art's development, its major movements and figures, and its relationship to the historical periods through which it moves. This course is opened to students who have a grade of A or B in history, English, and/or AP Art. This course will be offered as an independent study. See the instructor for details.

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 B or better. This course will be offered as an independent study. See the instructor for details.

PERFORMING ARTS COURSES

SYMPHONIC BAND (760)

GRADES 9, 10, 11, 12 – ELECTIVE

5 Credits - College Prep

Prerequisite: Audition and interview with the director; prior ensemble experience on elementary level

The Symphonic Ensemble consists of students wishing to study music performance in a large ensemble setting. This course provides a comprehensive study of music that develops skills in the psychomotor, cognitive, and affective domains. Classroom activities are designed to develop elements of musicianship and performance practice. Students study a varied repertoire of developmentally appropriate literature and technical studies through classroom rehearsal and concert performance. Time outside of the academic day is required for rehearsals and performances and is a component of the course grade. Self-practice outside of class time is expected and private lesson study is encouraged.

WIND ENSEMBLE (771)**GRADES 11, 12 – ELECTIVE (may be open to sophomores for 2018-19 with approval)****5 Credits - Honors****Prerequisite: Audition and interview with the director; prior ensemble experience on secondary level**

The Wind Ensemble is an elite musical ensemble comprised of the most advanced musicians. This course provides a comprehensive study of music that develops skills in the psychomotor, cognitive, and affective domains. Classroom activities are designed to refine elements of musicianship and performance practice. Students study a varied advanced repertoire while the ensemble maintains a rigorous performance schedule both on and off of campus, including concerts and contests. Time outside of the academic day is required for rehearsals and performances and is a component of the course grade. Self-practice outside of class time is expected and private lesson study is encouraged.

STRING ENSEMBLE (772)**GRADES 9, 10, 11, 12 – ELECTIVE****5 Credits – College Prep****Prerequisite: audition and interview with the director; prior ensemble experience on elementary level**

The String Ensemble consists of students who have had previous experience playing the stringed instruments of the orchestra: violin, viola, cello and bass. This course provides a comprehensive study of music that develops skills in the psychomotor, cognitive, and affective domains. Classroom activities are designed to develop elements of musicianship and performance practice. Students study a varied repertoire of developmentally appropriate literature and technical studies through classroom rehearsal and concert performance. Time outside of the academic day is required for rehearsals and performances and is a component of the course grade. Self-practice outside of class time is expected and private lesson study is encouraged.

MUSIC THEORY (770)**GRADES 10, 11, 12 – ELECTIVE****5 Credits - College Prep****Prerequisite: fluency with musical notation; performance competency with an instrument or in voice.**

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.

WOMEN'S CHORUS: (767)
GRADES: 9-12 - 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 members by beginning the year with 3 part arrangements (SSA) and eventually adding bass harmonies in 4 or more part arrangements through combining the choral classes. (SATB, SATBB...) Students will be given sight-singing assignments at a level appropriate to their experience, and will be tested regularly on their repertoire. The course will also explore vocal technique and health. The students will learn how to listen, 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.

MEN'S CHORUS (775)
GRADES 9, 10 (BASS VOICES ONLY), 11, 12 (MIXED VOICES) - 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 members by beginning the year with 3 part arrangements (TTB) and eventually adding treble harmonies in 4 or more part arrangements through combining the choral classes. (SATB, SATBB...) Students will be given sight-singing assignments at a level appropriate to their experience, and will be tested regularly on their repertoire. The course will also explore vocal technique and health. The students will learn how to listen, 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.

ADVANCED PLACEMENT MUSIC THEORY (790)
GRADE 11, 12 – ELECTIVE
5 Credits - AP

Prerequisite: successful completion of Music Theory; department approval.

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.

JAZZ ENSEMBLE (791)**GRADES 9, 10, 11, 12 – ELECTIVE****1.25 credits – College Prep****Prerequisite: music reading proficiency; performance competency with an instrument or in voice.**

Jazz Ensemble is an advanced, performance-oriented group that studies and performs a variety of musical styles. This course will develop musicianship and specific performance skills through group and individual rehearsal for the study and performance of varied styles. Instruction includes the study of the history, formative, and stylistic elements of American jazz. Students develop their creative skills through improvisation, composition, arranging, performing, listening, and analyzing. THIS COURSE WILL MEET AFTER SCHOOL.

CHAMBER ENSEMBLE (792)**GRADES 9, 10, 11, 12 – ELECTIVE****1.25 credits****Prerequisite: music reading proficiency; performance competency with an instrument or in voice.**

Students taking this course are provided with a balanced comprehensive study of chamber ensemble and solo literature, which develops skills in the psychomotor, cognitive and affective domains. Students develop and refine elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of literature as pertaining to chamber ensemble and solo literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom. THIS COURSE WILL MEET AFTER SCHOOL.

INTRODUCTION TO PUBLIC SPEAKING (782)**GRADES 11, 12 – ELECTIVE****2.5 Credits - College Prep**

This performance based course introduces the student to the art of public speaking. Students will prepare an introductory speech, an informative speech, a persuasive speech, a commemorative speech, and an after dinner speech in this semester course. Students will choose the topics for these speeches and be given an opportunity to grow in writing, research, and presentation skills in addition to becoming more confident in speaking.

DANCE I - ELEMENTS OF DANCE & MOVEMENT (784)**GRADES 9, 10, 11, 12 - ELECTIVE****5 Credits - College Prep**

Dance students will access an introduction to various genres of dance including ballet, tap, modern, hip-hop and jazz principles. They will become familiarized with vocabulary and elements that make each style important. The class focuses on students' development of kinesiological body awareness, technical facility, spatial expressiveness and personal creativity. Performance is required.

THEATER (788)**GRADES 10, 11, 12 – ELECTIVE****5 Credits - College Prep**

Theater is a first-year course designed to introduce students to the various elements of the theatre and to encourage students in further participation. Students will examine and study the role that acting, directing, sound, lights, set, costumes, make-up, and publicity play in the creation of a production. Students will also learn the basic approach to working comfortably on the stage through warm-ups, monologues, scene work and improvisation. The course includes an introduction to the techniques of movement, voice projection, character development, and performance. Students will be encouraged to view at least one professional production throughout the course year. While developing critical thinking and listening skills through collaboration, this course will help students with poise and self-confidence.

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 course provides an introduction to story-telling, scriptwriting, film making, and participation in CCTV. Students will work with DSLR cameras and learn how to edit on iMovie, and Final Cut. Students will also learn sound and lighting techniques and how to produce live and recorded video.

FILM STUDIES (736)**GRADES 10, 11, 12 – ELECTIVE****5 Credits - College Prep**

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.

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.

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.

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.

PRE-ALGEBRA (988)

This course is designed to reinforce mathematical reasoning in preparation for further study of Algebra. Factors, averaging, measuring, graphing, percentages, mixed numbers, fractions, and pre-Algebra skills are reinforced.

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.

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.

PRACTICAL MATH FOR CONSUMERS (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.

STUDY SKILLS AND TECHNOLOGY (997-998)

These courses are designed to provide assistance to the students in organizational skills, library skills, test taking, assignments, projects, and the use of computers under the direction of a classroom teacher. Students may or may not be required to participate in the Reading Course for all 4 years.

***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)***