

**York Catholic High School
Course Catalog
2026-2027**



**YORK CATHOLIC
HIGH SCHOOL**

**601 East Springettsbury Avenue
York, Pennsylvania 17403**

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Preface

Welcome to York Catholic High School's course selection process for 2026-2027. As you think about your schedule for next year, seek advice from your parents, your teachers, and your guidance counselor. Challenge yourself by taking a rigorous course load for your ability, keeping in mind course prerequisites.

We ask that students and their families make an honest assessment of the time demands required of selected courses, as they fit with the students' overall schedule of activities, sports, and/or outside work. Unless the student spends the required time on study each day, he/she cannot expect to achieve academic success. Students in grades 9-12 may take a seventh major class, but this will impact the number of study halls available. It is critical that students choose courses they intend to take as the master schedule is built around course selection.

When selecting courses it is important to remember:

- All high school students are required to take six major classes per year plus the required minors for their grade level.
- Requests for a specific teacher will not be honored.
- Courses will be scheduled only if there is sufficient student demand and staffing permits.

Not all courses will match your schedule. Scheduling conflicts occur when two or more classes a student requests are offered at the same time. Not all conflicts can be resolved due to the number of courses offered and students requesting courses. If a conflict occurs, we make every effort to honor the alternate course selected by the student.

Our Philosophy

We, the community of York Catholic Middle & High School, see ourselves as co-workers with Jesus Christ in the ministry of education rooted in the Gospels, the teachings of the Roman Catholic Church, and the guidelines of the Commonwealth of Pennsylvania and the Diocese of Harrisburg.

Operating in a global society, we choose the Christian world-view as our distinct orientation in carrying out what we regard as our essential task: the development of our students as whole Christian persons. We accomplish this by teaching, by fostering a Catholic value system, and by serving the larger community.

Our quest for academic excellence leads us to teach a core curriculum which is continuously and judiciously updated. Our desire to foster Catholic values prompts us to create an environment which develops personal integrity, respect for one another, reverence for God, and stewardship for our world. Our commitment to serve the larger community impels us to foster social awareness and encourage action for the common good.

We recognize this necessarily collaborative effort is one which increasingly demands the support and involvement of students, parents, staff, parishes, alumni, and the community at large.

Thus we envision our mission as the education of our students to become active members of church and society living their faith.

Mission Statement

Guided by a Christian moral compass, we educate our students in an atmosphere of faith, family, and mutual respect, preparing them to serve the global community.

Belief Statements

- We believe in a faith community that promotes Gospel values and a Christian moral compass.
- We believe in valuing and respecting each individual in a safe educational environment.
- We believe collaboration between our students and highly qualified, compassionate faculty fosters academic excellence and lifelong learning.
- We believe everyone is created in the image of God and we strive to develop the faith, heart, body, and mind of each student.
- We believe in the value of diversity and equity, and in each individual's unique God-given talents and gifts.
- We believe in the respect and dignity of human life in an atmosphere based on Catholic moral values.
- We believe in stewardship, promoting the betterment of our school, church, community, country, and world.
- We believe service to others is not only a witness to our faith, but a lifestyle.
- We believe in the importance of self-discipline and personal accountability in the development of our students.

High School Graduation Requirements

Graduation from York Catholic High School depends upon the successful completion of all required courses as mandated by the Pennsylvania Department of Education, York Catholic High School, and the Department of Education of the Diocese of Harrisburg. A minimum total of 25 credits over four years is required for graduation, to include a Theology credit for each year of attendance at York Catholic High School.

Required Courses and Credits for Graduation

Theology	4.0 Credits
English	4.0 Credits
Social Studies	3.0 Credits
Mathematics	3.0 Credits
Science	3.0 Credits
Electives/Arts/Humanities	6.75 Credits
Health	0.25 Credits
Physical Education	1.0 Credit

Academic credits are awarded for all planned courses that are successfully completed meeting the requirements of instructional time and testing. Academic credits attempted and earned become part of the permanent record of the student and are listed on the transcript.

Levels of Study

The High School Academic Program consists of curriculum offerings aimed at the following levels of instruction:

Advanced Placement: These are college level courses offered in accordance with the national Advanced Placement program through College Board. AP students are required to take the corresponding placement exam in May and pay the necessary fee (approximately \$92). No school final exam will be given.

Honors: College preparatory courses for students of a high or exceptional ability and work ethic.

Level 1 (CP): College preparatory courses for students of an above average ability.

Level 2: College preparatory courses for students of average ability.

Level G: Minor subjects

Students' schedules may represent varying levels according to interest and ability. The level for each subject taken is indicated on the report card and the permanent record of the student.

Additional Educational Opportunities

Customized Academic Experiences and Internships

At York Catholic, students exceed state standards for graduation and have the freedom to design elective experiences that help them explore careers, distinguishing themselves on college applications. Upperclassmen are able to take college courses while at York Catholic, and they are encouraged to investigate career opportunities off campus. During the school day, seniors are able to explore careers of interest, coordinating internships with professionals in the community. Students are responsible for outreach regarding internships; our guidance team is ready to offer full support in regard to community partnership and scheduling, ensuring an invaluable look at the world of work beyond the classroom.

College in the Classroom

York Catholic partners with both York College and Alvernia University, offering students the opportunity to earn transferable college credits over the course of their high school career. Information regarding both programs is mailed home to eligible students in late June; students who opt to participate will incur an additional fee to cover the cost of classes taken. Both institutions offer three credit introductory level classes at a discounted rate. Courses through York College are \$200, and courses through Alvernia University are \$270. Upon graduation, it is the student's responsibility to request transcripts be sent from either York College or Alvernia University to the college of their choice.

Courses offered in partnership for 2026-27 are as follows: Financial Accounting, Intro to Entrepreneurship, Enterprise Data Management, Internet Communications, Sociology/Psychology, Spanish 5, and Honors Statistics.

Dual Enrollment

Dual Enrollment options offer a senior the option to leave York Catholic during the course of a school day and take college courses on campus at Harrisburg Area Community College, York College, or Penn State York. Students are responsible for the complete cost of a Dual Enrollment course. Pending approval by the high school principal, college credits may count toward York Catholic graduation requirements.

Students wishing to participate in these Dual Enrollment opportunities must meet the following criteria:

- Senior status
- York Catholic weighted GPA of 2.0 or higher
- All entrance requirements of the college/university

Course selection information is as follows:

- A maximum of six college credits may be taken per semester.
- Three college credits will generally equal one York Catholic credit.
- To earn concurrent York Catholic credit, the course must be substantially different than any course the student has previously taken or is projected to take at York Catholic.
- To be awarded York Catholic credit, students must provide an official college transcript to the high school.
- Courses will be recorded on the high school transcript with the college/university noted.
- The student's York Catholic grade point average, weighted and unweighted, will calculate based upon courses taken at York Catholic High School; although credit will be accepted, dual enrollment grades will not count toward those averages.

Virtual High School Electives

Virtual High School (VHS) offers a wide array of elective offerings for the student in grade 9-12 interested in an independent online course. To browse the course catalog, visit www.vhslearning.org. Click on *View Catalog*. In order to be considered for an online course, students must have maintained an 85 midyear average in all courses. Space is limited; seniors have priority. There is no additional cost for these courses, however, any student failing an online course through The Virtual High School will be accountable for the cost of the course. VHS classes are one semester long (1/2 year) for 0.5 credit.

York County School of Technology Part-Time Flex Opportunities

The part-time program at York County School of Technology offers a York Catholic junior or senior the opportunity to pursue technical preparation while earning their York Catholic diploma. Students are required to take Theology, English, and other courses required for graduation at York Catholic, but are able to attend York Tech for afternoon programming. Interested students should see the York Catholic principal for further information. Information regarding the York County School of Technology Flex Program is also available online at www.ytech.edu under *Prospective Students - Flex Programs*.

NCAA Eligibility Standards

The National Collegiate Athletic Association periodically revises its academic standard for college freshmen who wish to participate in intercollegiate athletics. Please visit web3.ncaa.org/ecwr3 for the most recent information on those standards if you are considering college athletics. Eligibility is based on the number of approved core courses, GPA in those approved courses, and SAT scores.

Grade Point Average / Class Rank

Students grade 9-12 are awarded two averages, a weighted and unweighted grade point average. The unweighted grade point average is based upon all major subjects, and is a calculation of percentage points awarded in each class. This number might be, for example, a 94.3. A weighted grade point average is also based upon all major subjects, but calculates using a 4.0 point scale (see page 9), taking into consideration the level of difficulty or rigor of the course. This weighted grade point average is used to determine a student's class rank. Both averages appear on a student's fourth quarter report card as a yearly and cumulative figure; class rank is also included on the final grade report.

GPA Quality Points Table

Grade	2	1	H	AP
100	4.0	4.5	5.0	5.5
99	3.9	4.4	4.9	5.4
98	3.8	4.3	4.8	5.3
97	3.7	4.2	4.7	5.2
96	3.6	4.1	4.6	5.1
95	3.5	4.0	4.5	5.0
94	3.4	3.9	4.4	4.9
93	3.3	3.8	4.3	4.8
92	3.2	3.7	4.2	4.7
91	3.1	3.6	4.1	4.6
90	3.0	3.5	4.0	4.5
89	2.9	3.4	3.9	4.4
88	2.8	3.3	3.8	4.3
87	2.7	3.2	3.7	4.2
86	2.6	3.1	3.6	4.1
85	2.5	3.0	3.5	4.0
84	2.4	2.9	3.4	3.9
83	2.3	2.8	3.3	3.8
82	2.2	2.7	3.2	3.7
81	2.1	2.6	3.1	3.6
80	2.0	2.5	3.0	3.5
79	1.9	2.4	2.9	3.4
78	1.8	2.3	2.8	3.3
77	1.7	2.2	2.7	3.2
76	1.6	2.1	2.6	3.1
75	1.5	2.0	2.5	3.0
74	1.4	1.9	2.4	2.9
73	1.3	1.8	2.3	2.8
72	1.2	1.7	2.2	2.7
71	1.1	1.6	2.1	2.6
70	1.0	1.5	2.0	2.5

Education Plan 2026-2027

Grade 7

Theology 7
English Language Arts 7
Pre-Algebra
Science 7
World Cultures & Geography
Introduction to World Language
Enrichment 7 (see below)

Grade 9

Theology 9
English 9
Algebra II
Science
U. S. History II
Elective
Required minors (see below)

Grade 11

Theology 11
English 11
Mathematics
Foundations of American Government
and Economics
Science
Elective
Required Minors (see below)

Grade 8

Theology 8
English Language Arts 8
Algebra I
Science 8
US History I
German 1 or Spanish 1
Enrichment 8 (see below)

Grade 10

Theology 10
English 10
Geometry
Science
World History
Elective
Required Minors (see below)

Grade 12

Theology 12
English 12
Elective
Elective
Elective
Elective
Required Minor (see below)

Required Minor Courses

Enrichment 7

Art 7
Music 7
Study Skills
Physical Education

Enrichment 8

Art 8
Career Exploration
Health 8
Physical Education

Minor 9

Physical Education
Health

Minor 10

Physical Education
SOAR (College and
Career Exploration)

Minor 11

Physical Education
Personal Finance

Minor 12

Physical Education

Sequence of Courses 2026-2027

Subject	Grade 9	Grade 10	Grade 11	Grade 12
Theology	Theology 9	Theology 10	Theology 11	Theology 12
English	English 9 English 9 CP English 9 H ESL English	English 10 English 10 CP English 10 H ESL English	English 11 English 11 CP English 11 H ESL English	English 12 CP English 12 H AP English Literature ESL English
Social Studies	US History II CP US History II H	World History CP World History H	Foundations of American Government and Economics CP / H AP US History Holocaust Studies CP	AP Government Sociology/Psychology CP Holocaust Studies CP Criminology CP
Mathematics	Algebra I CP Algebra II Algebra II CP Algebra II H	Geometry Geometry CP Geometry H Algebra II / CP / H	Geometry / CP / H Algebra II / CP / H Pre-Calculus H / Trig H Algebra III / Trig Algebra III / Trig CP Statistics CP / H Calculus H / AP	Algebra III / Trig Algebra III / Trig CP Statistics CP / H Pre-Calculus H / Trig H Calculus H / AP
Science	Physical Science Physical Science CP Biology I H	Biology I Biology I CP Biology I H Chemistry H	AP Biology Environmental Science CP Anatomy CP Chemistry CP / H Physics CP / H	AP Biology AP Physics Environmental Science CP Anatomy CP Chemistry CP Physics CP / H
World Language (Elective)	Spanish I CP Spanish II CP German I CP German II CP	Spanish I CP Spanish II CP Spanish III CP German I CP German II CP German III CP	Spanish I CP Spanish II CP Spanish III CP Spanish IV H German I CP German II CP German III CP German IV H	Spanish I CP Spanish II CP Spanish III CP Spanish IV H Spanish V H German II CP German III CP German IV H
Business/ Computer (Elective)	Enterprise Data Management Internet Communications	Accounting Intro. to Entrepreneurship Enterprise Data Management Internet Communications	Intro. to Entrepreneurship Enterprise Data Management Internet Communications	Accounting Intro. to Entrepreneurship AP Computer Science A Enterprise Data Management Internet Communications
Visual Arts (Elective)	Fundamentals of Art	Fundamentals of Art 2D Drawing & Painting I Digital Art I	Fundamentals of Art 2D Drawing & Painting I / II Digital Art I / II	Fundamentals of Art 2D Drawing & Painting I / II Digital Art I / II Advanced Studio
Performing Arts (Elective)	Band Choir Beginner Guitar	Band Choir Beginner Guitar	Band Choir Beginner Guitar	Band Choir Beginner Guitar
Physical Education	PE Intro. to Weightlifting	PE Intro. to Weightlifting	PE Child Development Intro. to Weightlifting	PE Child Development Intro. to Weightlifting
Required Minor Courses	Health	SOAR	Personal Finance	

Additional Educational Opportunities	VHS Online Electives College in the Classroom	VHS Online Electives College in the Classroom	VHS Online Electives College in the Classroom York County School of Technology	VHS Online Electives College in the Classroom Dual Enrollment York County School of Technology
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Theology Department

The study of Theology is central to the curriculum at York Catholic High School. As such, it serves as the life-giving spirit of our school, permeates all areas of studies, and gives impetus to staff, students, and all associated with York Catholic's life. The Theology program is devised to deepen one's growth as an individual and as a member of a community of faith. Personal daily witness to Christian living in the Roman Catholic tradition is emphasized. Doctrines of the Church in light of Vatican II and the Catechism of the Catholic Church are explored and related to current ecclesial, social, political, and economic issues. Believing service is fundamental to genuine faith, teachers afford opportunities for prayer and worship and for involvement in social action.

Service Requirements

To form habits in the area of service, the school monitors a program of Christian service whereby each student is required to perform hours of non-remunerated service each year within a volunteer program or individually. High School students are required to verify sixteen (16) hours of service. While this amount of time is minimal over the course of the year, it is important in teaching students the merits of volunteer work.

011 Theology 9 1 Credit

Level 1
Grade 9

Semester One: The Revelation of Jesus Christ in Sacred Scripture

The purpose of this semester-long course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. Students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

Semester Two: Who is Jesus Christ?

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

021 Theology 10 1 Credit

Level 1
Grade 10

Semester One: The Mission of Jesus Christ (The Pascal Mystery)

The purpose of this semester-long course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

Semester Two: Sacraments as Privileged Encounters with Jesus Christ

The purpose of this semester-long course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and

especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they encounter Christ throughout life.

031 Theology 11
1 Credit

Level 1
Grade 11

The purpose of this course is to present an overview of the basic concepts of moral theology from the Catholic tradition, as well as specific moral issues that appear in our world. Jesus Christ is the ultimate point of reference for all Catholic Morality, drawing on three sources of knowledge to help discern right and wrong: human reason, human experience, and Divine Revelation. The focus of this course is the basic understanding of why a follower of Jesus tries to live a morally upright life and demonstrate in a concrete way a positive response to God's love and God's gifts.

041 Theology 12
1 Credit

Level 1
Grade 12

Semester One: Responding to the Call of Jesus Christ

The purpose of this semester-long course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students should learn how all vocations are similar and how they differ. The course is structured around married life, single life, priestly life, and consecrated life. Students will learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

Semester Two: History of the Catholic Church

This elective option presents a catechesis of the Church and the Body of Christ in history: its nature and meaning, images, marks, life and ministry, guide to moral life, and the role of prayer. The purpose of this semester-long course is to supply students with a general knowledge of the Church's history from apostolic times to the present. Students will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him throughout history and the Holy Spirit. Students will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. In this course, students will learn about the Church's 2,000 years of history and about how the Church is led and governed by the successors of the Apostles.

English Department

The English Department is committed to cultivating students' abilities in close reading, analytical thinking, and both creative and academic expression. Through engagement with literature, writing, and oral communication, students are guided to discern and develop their individual strengths and talents. Instruction emphasizes not only intellectual growth but also moral and spiritual awareness, encouraging students to recognize the universal themes of the human experience and to reflect upon them through a lens informed by Catholic values.

109 English 9 H
1 Credit

Level H
Grade 9

English 9 Honors focuses on developing independent reading and writing skills through a study of literary genres across cultures and times. Students read short stories, epics, novels, plays, poetry, and nonfiction. They write analytical essays examining the ways an author's purpose shapes the choices s/he makes. The development of research skills culminates in an annotated bibliography and research paper.

Pre-requisite: An average of 93 in ELA 8 and teacher approval.

111 English 9 CP
1 Credit

Level 1
Grade 9

English 9 CP focuses on a study of literary genres across cultures and times. Students read short stories, epics, novels, plays, poetry, and nonfiction. They write analytical essays examining the ways an author's purpose shapes the choices s/he makes. The development of research skills culminates in an annotated bibliography and research paper.

Pre-requisite: Teacher recommendation.

119 English 9
1 Credit

Level 2
Grade 9

Level 2 English is designed for students who need more time and support to develop and strengthen reading and writing skills. Flexibility in the use of course time allows for concentration in areas of weakness. Content matches that of the College Preparatory grade equivalent, but emphasis depends on student ability and need.

Pre-requisite: Teacher recommendation.

120 English 10 H
1 Credit

Level H
Grade 10

This course takes a thematic approach to exploring individual choices and their effects through poetry, short stories, fiction, and nonfiction. Students read and discuss, with a larger degree of independence, works related to heroism, redemption, and navigating relationships, analyzing these works through personal and global lenses. As a capstone assignment, students choose a book they read in the course, research its historical context, making connections between the text, its criticism, and the time and place in which it was written.

Pre-requisite: An average of 88 in English I Honors and teacher approval; an average of 93 in English I CP and teacher approval.

121 English 10 CP
1 Credit

Level 1
Grade 10

This course takes a thematic approach to exploring individual choices and their effects through poetry, short stories, fiction, and nonfiction. Students read works related to heroism, redemption, and navigating relationships, analyzing these works through personal and global lenses. As a capstone assignment, students choose a book they read in the course, and investigate its historical context, making connections between the book and the time and place in which it was written.

Pre-requisite: Teacher recommendation.

129 English 10
1 Credit

Level 2
Grade 10

This course takes a thematic approach to exploring individual choices and their effects through poetry, short stories, fiction, and nonfiction. Students read works related to heroism, redemption, and navigating relationships, analyzing these works through personal and global lenses. As a capstone assignment, students choose a book they read in the course, and investigate its historical context, making connections between the book and the time and place in which it was written.

132 English 11 H
1 Credit

Level H
Grade 11

This course is designed to give students an appreciation of American literature through a chronological approach. Students develop discussion skills and advanced scholarly writing techniques, while connecting historical concepts and themes to the modern world and working with a greater degree of independence and rigor. Ultimately, this course requires students to discern what it means to be American. As a capstone assignment, students will investigate the relationship between American culture, history, and American writing.

Pre-requisite: An average of 88 in English 10 H and teacher approval; an average of 93 in English 10 CP and teacher approval.

131 English 11 CP
1 Credit

Level 1
Grade 11

This course is designed to give students an appreciation of American literature through a chronological approach. As students study these writings, they develop skills in close reading, analysis, research, and writing. Students connect historical concepts and themes to the modern world. Ultimately, this course requires students to discern what it means to be an American. As a capstone assignment, students will investigate the relationship between American culture, history, and American writing.

Pre-requisite: Teacher recommendation.

139 English 11
1 Credit

Level 2
Grade 11

This course is designed to give students an appreciation of American literature through a chronological approach. As students study these writings, they develop skills in close reading, analysis, research, and writing. Students connect historical concepts and themes to the modern world. Ultimately, this course requires students to discern what it means to be an American. As a capstone assignment, students will investigate the relationship between American culture, history, and American writing.

140 AP English Literature
1 Credit

Level AP
Grade 12

This course is an intensive exploration of world literature, particularly emphasizing British and American writers. It is designed to develop the advanced student's skills in reading, comprehending, interpreting, and analyzing prose, poetry, and drama at the level of a successful college freshman. The course requires intensive writing, reading, and class discussion. Students are required to take the AP examination in May.

Pre-requisite: An average of 88 in English 11 H and approval of junior honors English teacher.

142 English 12 H
1 Credit

Level H
Grade 12

The twelfth grade English Honors course is a study of contemporary cultural issues through an examination of fiction and nonfiction texts across cultures and times. Following the "Facing History and Ourselves" curricular framework, it requires students to consider themselves in relationship to the world and to people around them. A major research paper is the capstone assignment for this course. In it, students consider a current social issue, examine its history and context, and develop a detailed proposal for change.

Pre-requisite: An average of 88 in English 11 Honors and teacher approval; an average of 93 in English 11 CP and teacher approval.

141 English 12 CP
1 Credit

Level 1
Grade 12

English 12 is a course of study of contemporary cultural issues through an examination of fiction and nonfiction texts across cultures and times. Following the "Facing History and Ourselves" curricular framework, it requires students to consider themselves in relationship to the world around them. A major research paper is the capstone assignment for this course. In it, students consider a current social issue, examine its history and context, and develop a detailed proposal for change.

Pre-requisite: Teacher recommendation.

118 ESL English
1 Credit

Level 1
Grade 9-12

This course is designed to transition second language students into the high school curriculum. The fundamentals of grammar, principles of correct usage, and mechanics of writing are reinforced and strengthened. In the first semester special emphasis is placed on evaluation and improvement of English vocabulary and correct grammatical usage in spoken and written language. Colloquial English and idioms in ordinary American English are also addressed.

Social Studies Department

Social Studies represents the integration of all facets of humankind, taking into account their religion, their place in time and space, their interaction with other people, and their interaction with nature. Social Studies education engenders respect for varied ways of life, motivates an exchange of ideas, and stimulates a commitment to free people from injustice. It accentuates the individual's need for recognition of his or her accountability to their fellow persons for the development of a productive and meaningful way of life for all people.

215 U.S. History II H **1 Credit**

Level H
Grade 9

This course is a chronological approach to American History, beginning with post-Reconstruction America and ending with America today. In this course, students will develop analytical reading, writing, and thinking skills by looking at and interpreting relevant primary and secondary sources. They will engage with course content actively, and identify cause and effect relationships throughout history. Upon completion of this course, students will be able to independently answer a document-based question thoroughly, considering the viewpoints and limitations of the sources they use. This Honors level course will provide a more rigorous and in depth approach to studying history with a greater emphasis on independent work.

Pre-requisite: An average of 93 in U.S. History I and teacher approval.

216 U.S. History II CP **1 Credit**

Level 1
Grade 9

This course is a chronological approach to American History, beginning with post-Reconstruction America and ending with America today. In this course, students will develop analytical reading, writing, and thinking skills by looking at and interpreting relevant primary and secondary sources. They will engage with course content actively, and identify cause and effect relationships throughout history. Upon completion of this course, students will be able to independently answer a document-based question thoroughly, considering the viewpoints and limitations of the sources they use.

Pre-requisite: Teacher recommendation.

218 U.S. History II **1 Credit**

Level 2
Grade 9

This course is a chronological approach to American History, beginning with post-Reconstruction America and ending with America today. In this course, students will develop analytical reading, writing, and thinking skills by looking at and interpreting relevant primary and secondary sources. They will engage with course content actively, and identify cause and effect relationships throughout history. Upon completion of this course, students will be able to independently answer a document-based question thoroughly, considering the viewpoints and limitations of the sources they use.

220 World History H **1 Credit**

Level H
Grade 10

This course is a chronological approach to World History, beginning with the Enlightenment and ending with the world today. In this course, students will develop analytical, reading, writing, and thinking skills by looking at and interpreting relevant primary and secondary sources. Upon completion of this course, students will have a

greater understanding of the world around them and be able to make connections between past and present events. This honors level course will provide a more rigorous and in-depth approach to studying history with a greater emphasis on analysis and independent work.

Pre-requisite: An average of 93 in US History II CP with teacher approval or an average of 85 in US History II Honors with teacher approval.

221 World History CP
1 Credit

Level 1
Grade 10

This course is a chronological approach to World History, beginning with the Enlightenment and ending with the world today. In this course, students will develop analytical reading, writing, and thinking skills by looking at and interpreting relevant primary and secondary sources. Upon completion of this course, students will have a greater understanding of the world around them and be able to make connections between past and present events.

Pre-requisite: Teacher recommendation.

229 World History
1 Credit

Level 2
Grade 10

This course is a chronological approach to World History, beginning with the Enlightenment and ending with the world today. In this course, students will develop analytical reading, writing, and thinking skills by looking at and interpreting relevant primary and secondary sources. Upon completion of this course, students will have a greater understanding of the world around them and be able to make connections between past and present events.

230 Foundations of American Government and Economics H
1 Credit

Level H
Grade 11

This course is designed to provide students with an overview of American Government, Practical Law, American Economics, and Practical Economics. Students will review the different levels of government and various political parties in the United States, as well as focus on practical law in preparation for future democratic engagement. Students will also review the basic concepts surrounding economics including production, distribution, and consumption, as well as focus on practical economics in preparation for smart financial decision-making. This honors level course will provide a more rigorous and in-depth approach to studying American Government and Economics with a greater emphasis on independent work.

Pre-requisite: An average of 93 in World History CP with teacher approval or an average of 85 in World History Honors with teacher approval.

231 Foundations of American Government and Economics CP
1 Credit

Level CP
Grade 11

This course is designed to provide students with an overview of American Government, Practical Law, American Economics, and Practical Economics. Students will review the different levels of government and various political parties in the United States, as well as focus on practical law in preparation for future democratic engagement. Students will also review the basic concepts surrounding economics including production, distribution, and consumption, as well as focus on practical economics in preparation for smart financial decision making.

Pre-requisite: Teacher recommendation.

239 Foundations of American Government and Economics **Level 2**
1 Credit **Grade 11**

This course is designed to provide students with an overview of American Government, Practical Law, American Economics, and Practical Economics. Students will review the different levels of government and various political parties in the United States, as well as focus on practical law in preparation for future democratic engagement. Students will also review the basic concepts surrounding economics including production, distribution, and consumption, as well as focus on practical economics in preparation for smart financial decision making.

232 AP U.S. History **Level AP**
1 Credit **Grade 11**

This course is a chronological approach to American History, beginning with the establishment of colonies and ending with America today. In this course, students will develop factual knowledge while also focusing on the following historical thinking skills: chronological reasoning, comparison and contextualization, historical argumentation, and synthesis. Upon successful completion of this course, students will be prepared to take the Advanced Placement US History exam. This AP level course will require summer work, extensive reading and writing, and a significant amount of independent work outside of the classroom. Students taking this course are required to take the AP exam in May.

Pre-requisite: An average of 93 in World History II CP with teacher approval or an average of 88 in World History Honors with teacher approval.

233 AP Government **Level AP**
1 Credit **Grade 12**

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. Upon successful completion of this course, students will be prepared to take the Advanced Placement Government exam. This AP level course will require summer work, extensive reading and writing, and a significant amount of independent work outside of the classroom. Students taking this course are required to take the AP exam in May.

Pre-requisite: An average of 93 in Foundations of American Government CP, or an average of 88 in Foundations of American Government Honors or AP U.S. History. Teacher approval is also required.

241 Sociology/Psychology CP **Level 1**
1 Credit **Grade 12**

College in the Classroom Option

This course is designed to provide students with an introduction to the major concepts in the growing fields of sociology and psychology. Students will gain an understanding of the functions of the brain and how those functions cause people and society to behave. Throughout this course, students will be required to read scholarly articles and case studies, and complete writing pieces analyzing the trends in sociology and psychology. Students have the option of taking this course for college credit through Alvernia University.

248 Holocaust Studies CP **Level 1**
0.5 Credit - Semester Course **Grades 11-12**

This course is designed to enhance content knowledge of the Holocaust and its relevance to modern contemporary society. The course focuses on visual history, narratives, the complexity of choices made by individuals, and the responsibility of individuals to uphold political, moral, and ethical behavior.

Pre-requisite: An average of 82 in U.S. History II, World History, or AP U.S. History.

247 Criminology CP **Level 1**
0.5 Credit - Semester Course **Grade 12**

This course is designed to be an introduction to crime and the criminal justice system in the United States. Emphasis will be placed on criminal law and understanding the causes of crime and criminal behavior. Additionally, students will use readings and case studies to examine contemporary criminal justice issues.

Pre-requisite: Successful completion of Foundations of American Government & Economics or AP U.S. History.

Math Department

The Mathematics Department of York Catholic High School is committed to accomplishing the following:

1. Develop accuracy and facility in performing fundamental mathematical operations.
2. Present the means for developing the ability to analyze and solve problems of varying types and degrees of difficulty.
3. Encourage an understanding of the nature and structure of math so students will be able to apply and communicate basic principles.
4. Develop in the students an appreciation and recognition of the relationships between mathematics and other disciplines.
5. Expose students to calculators, computers, and manipulatives through the use of application so students develop appreciation of these tools.
6. Provide multi-level math courses in high school to meet the needs of all students as well as possible.

391 Algebra I CP **1 Credit**

Level 1
Grade 9

This course offers a study of algebra concepts such as the number line, sets of numbers, properties and operations of real numbers, solving linear equations, and inequalities. Other topics include polynomials, exponents, factoring, solving quadratic equations, rational algebraic expressions, and graphs of linear equations.

Pre-requisite: An average of 78 in Pre-Algebra CP with teacher approval.

330 Algebra II H **1 Credit**

Level H
Grades 9-11

This course offers a study of the algebraic structure of the real number system. Content includes solving and graphing linear, quadratic, and polynomial equations and inequalities, systems of equations and inequalities, polynomials, radicals, and complex numbers. Additional topics include slope, functions, and rational algebraic expressions.

Pre-requisite: An average of 88 in Algebra I H or an average of 96 in Algebra I CP with teacher approval.

332 Algebra II CP **1 Credit**

Level 1
Grades 9-11

This course offers a study of the algebraic structure of the real number system. Topics include linear equations and inequalities, slope systems of equations, graphing of polynomial and radicals. Also included are quadratic equations, rational algebraic expressions, and complex numbers.

Pre-requisite: An average of 78 in Algebra I CP or an average of 96 in Algebra I with teacher approval.

338 Algebra II **1 Credit**

Level 2
Grades 9-11

This course offers a study of real numbers, linear sentences, systems of equations, factoring polynomials, and solving quadratic equations. Also included are rational algebraic expressions, complex numbers, and functions.

Pre-requisite: Successful completion of Algebra I.

320 Geometry H
1 Credit

Level H
Grades 10-11

This course offers the study of points, lines, planes, and congruent and similar figures. It shows the significance of deductive reasoning by studying formal and informal proofs as a pattern of logical thought. Students will use different tools to develop concepts of special right triangles, trigonometry, slope, and transformational geometry. Connections with other branches of mathematical and real life applications are emphasized.

Pre-requisite: An average of 96 in Algebra II CP with teacher approval, an average of 88 in Algebra II Honors with teacher approval.

322 Geometry CP
1 Credit

Level 1
Grade 10-11

This course concentrates on plane geometry with some applications to solid geometry. It shows the significance of undefined terms, assumptions, theorems, and informal proofs as a pattern of a mathematical system and logical thought. There is a strong application to coordinate geometry, slope, areas, and volumes. Students will study geometric constructions, have an introduction to special right triangles and trigonometry. Life applications are emphasized.

Pre-requisite: An average of 78 in Algebra II CP with teacher approval, or an average of 96 in Algebra I with teacher approval. Students must maintain an average of 78 to be recommended for Algebra III/Trigonometry CP.

328 Geometry
1 Credit

Level 2
Grade 10-11

This course offers the study of geometric terminology and symbolism. It shows the significance of undefined terms, assumptions, theorems and informal proofs as a pattern of a mathematical system and logical thought. The study of points, lines, planes, polygons, and coordinate geometry will be included. Students will study geometric constructions, have an introduction to special right triangles, and trigonometry. Students from this class will be recommended to take Algebra III/Trigonometry.

331 Pre-Calculus H/Trigonometry H
1 Credit

Level H
Grades 11-12

This course offers the study of the following functions: quadratic, polynomial, rational, inverse, exponential, and logarithmic; also graphs of functions, determining even and odd functions, solving equations, finding intervals of increase, decrease, maximum, and minimum points; working with complex numbers, series, and sequences, and an introduction to limits. In addition, this course offers the study of the trigonometric functions and their graphs. Topics include finding values and applications for the trigonometric functions and trigonometric identities.

Pre-requisite: An average of 88 in Algebra II Honors and Geometry Honors and teacher approval.

342 Algebra III/Trigonometry CP **Level 1**
1 Credit **Grades 11-12**

The first part of this course offers topics from Algebra including factoring, solving higher order equations and inequalities, rational algebraic expressions, radicals, complex numbers, quadratic equations, the quadratic formula and completing the square, and conics. Trigonometry concepts covered also include special right triangles, the definition of the six trigonometry functions and their graphs, finding values for trigonometric functions, radian and degree measure, and trig identities.
Pre-requisite: An average of 78 in Algebra II CP and Geometry CP.

348 Algebra III/Trigonometry **Level 2**
1 Credit **Grades 11-12**

This course offers the study of polynomials, linear equations, and inequalities and their graphs. Topics include functions, radicals, quadratic equations, and the quadratic formula. Trigonometry offers the study of the trigonometric functions. Topics include the Pythagorean Theorem, finding values for trigonometric functions, graphs of trigonometric functions, and simple identities.
Pre-requisite: Successful completion of Algebra I, Algebra II, and Geometry with teacher recommendation.

353 Statistics H **Level H**
1 Credit **Grades 11-12**
College in the Classroom Option

This course will emphasize an introduction to statistics including organized data and calculating measures of central tendency and variability. Other topics include probability, sampling, hypothesis testing, and linear regression. Students have the option of taking this course for college credit through Alvernia University.
Pre-requisite: An average of 85 in Pre-Calculus H/Trigonometry H with teacher approval.

345 Statistics CP **Level 1**
1 Credit **Grades 11-12**
College in the Classroom Option

This course will emphasize an introduction to statistics including organized data and calculating measures of central tendency and variability. Other topics include probability, sampling, hypothesis testing, and linear regression. Students have the option of taking this course for college credit through Alvernia University.
Pre-requisite: An average of 78 in Geometry CP or Algebra III Trig CP and teacher approval.

344 AP Calculus AB
1 Credit

Level AP
Grade 11-12

The purpose of this course is to prepare students to take the Advanced Placement exam, for which placement and/or credit may be awarded at the college level if a qualifying score is obtained. This course begins with the study of limits and function continuity. An intense study of derivatives and integrals, with a strong concentration on application problems is included. The course culminates with a preparation for the AP Calculus test. A graphing calculator is used extensively in this course. Students taking this course are required to take the AP exam in May.

Pre-requisite: Pre-Calculus H/Trigonometry H and teacher approval.

349 Calculus H
1 Credit

Level H
Grade 11-12

This course offers the study of limits and derivatives and applied problems involving these concepts. Other topics include related rates, sketching curves, logarithmic and exponential functions, integration, and a preliminary study of differential equations. A graphing calculator is used extensively in this course.

Pre-requisite: An average of 85 in Pre-Calculus H/Trigonometry H with teacher approval.

Science Department

The science curriculum consists of those courses, activities, and units of instruction which are designed to meet every student's educational needs related to science. Emphasis is placed on:

1. The importance of major scientific principles and their understanding and application
2. The development of competence in the use of methods of science
3. The development of desirable attitudes, interest, and an appreciation of science and its application
4. The recognition of and preparation for the role of science in the evolving biological, chemical, and physical technological age

The curriculum provides opportunities for all students to study science to meet their common needs and interests. The science educators strive to provide for individual differences and differential growth within the framework of the science curriculum. An outgrowth of this should be independent academic responsibility.

509 Biology I H 1 Credit

**Level H
Grades 9-10**

This course is designed as an introduction to the major biological themes to include the following: science as a process, the cellular basis of life, cell energetics, reproduction and heredity, evolution, unity and diversity of life, and the interactions of organisms and the environment. Students will participate in related laboratory activities including various dissections, as well as engage in research of various topics. **Pre-requisite:** An average of 95 in Earth Science, 93 in Physical Science; 88 in Algebra I Accelerated, 93 in Algebra I CP, 90 in Algebra II H; and teacher approval.

511 Biology I CP 1 Credit

**Level 1
Grade 10**

This course is designed as an introduction to the major biological themes to include the following: science as a process, the cellular basis of life, cell energetics, reproduction and heredity, evolution, unity and diversity of life, and the interactions of organisms and the environment. Students will participate in related laboratory activities including various dissections.

519 Biology I 1 Credit

**Level 2
Grade 10**

This course is designed as an introduction to the major biological themes to include the following: science as a process, the cellular basis of life, cell energetics, reproduction and heredity, evolution, unity and diversity of life, and the interactions of organisms and the environment. Students will participate in related laboratory activities including various dissections.

521 Physical Science CP
1 Credit

Level 1
Grade 9

Physical Science is a practical study of the relationship between matter and energy. The course is divided into two main branches, chemistry and physics. It examines the diversity of matter, its composition, and chemistry. It probes the dynamics of the various forms of energy, their origins, transformations, and applications in the world of today and tomorrow. Throughout the course, scientific principles are reinforced through activities and experiments.

529 Physical Science
1 Credit

Level 2
Grade 9

Physical Science is a study of matter and energy. This course provides students with the basic knowledge of physical science as it relates to them and to their range of experiences. The approach of this course emphasizes everyday applications of physical laws. The course is designed for the freshman student who, in most cases, will not continue with chemistry or physics.

530 Chemistry I H
1 Credit

Level H
Grades 10-11

A solid and rigorous understanding of chemistry, known as the central science, will allow the honors student to fully appreciate and comprehend all other sciences. Students will investigate the foundations, theories, and laws that govern modern day chemistry through topics such as the metric system, properties of matter, atomic structure, behavior of electrons, periodic trends, chemical reactions, ratios of reactants and products, gases, and acid/base behavior. Students in Honors Chemistry should be equipped with an innate curiosity about how things work and individual responsibility and dedication for learning and understanding content.

Pre-requisite: An average of 90 in Algebra II H or Geometry H, 95 in Algebra II CP or Geometry I CP; 88 in Biology H, 95 in Biology I CP; and teacher approval.

531 Chemistry I CP
1 Credit

Level 1
Grades 11-12

Chemistry is known as the central science. A solid understanding of chemistry will allow the student to more fully appreciate and comprehend all other sciences. Students will investigate the foundations, theories and laws that govern modern day chemistry through guided inquiry, investigation, and analysis of data. Topics covered in Chemistry include the metric system, properties of matter, atomic structure, behavior of electrons, periodic trends, chemical reactions, ratios of reactants and products, gases, and acid/base behavior. These topics will be covered using a combination of inquiry, group activities, lab investigations, and demonstrations.

Pre-requisite: An average of 82 in Geometry CP, 93 in Geometry; 82 in Physical Science CP, 93 in Physical Science, 82 in Biology CP, 93 in Biology; and teacher approval.

545 AP Biology
1 Credit

Level AP
Grades 11-12

This biology course is designed to be the equivalent of a college introductory biology course. The three general areas of study include molecules and cells, heredity and evolution, and organisms and populations. Students taking this course are required to take the AP exam in May.

Pre-requisite: An average of 85 in Chemistry I H, an 85 in Physics I H, a 93 in Chemistry I CP or Biology I CP, and teacher approval.

540 Physics I H **Level H**
1 Credit **Grade 11-12**

The physics program is designed to introduce and develop an understanding of the physical world. All physical phenomena are described in terms of two fundamental concepts: matter and energy. This course covers application of physics in daily living with emphasis on the theory as well.

Pre-requisite: An average of 85 in Chemistry I H. Must be taking Trig/Pre-Calc H.

541 Physics I CP **Level 1**
1 Credit **Grade 11-12**

The Physics program is designed to introduce and develop an understanding of the physical world. All physical phenomena are described in terms of two fundamental concepts: matter and energy. This course covers the applications of physics in daily living.

Pre-requisite: An average of 82 in Chemistry I CP.

546 Anatomy and Physiology CP **Level 1**
1 Credit **Grades 11-12**

Human Anatomy and Physiology is a preparatory course designed for students interested in the medical field. The primary focus is the anatomy of major organ systems. Students participate in laboratory activities relevant to the corresponding topics. Dissections of various mammals and organs are used for both discovery and mastery of information.

Pre-requisite: An average of 85 in honors level science or 88 in CP level science and teacher approval.

552 Environmental Science CP **Level 1**
1 Credit **Grades 11-12**

Environmental Science is a study of how humans interact with the biotic and abiotic factors that make up the biosphere. This course provides students with knowledge of the types of environmental problems they will encounter as the population's consumption crisis continues to increase, and as people compete for the use of its renewable and nonrenewable resources. This course requires students to recall what they have learned in general science, earth science, physical science, and biology to understand the complex systems and cycles to which the environment must adjust. Being extraordinarily complex, environmental problems often defy easy answers and quick solutions. Therefore, the emphasis of this course is the study of science and the development of thinking and decision-making skills which students will need as they take part in society.

World Language Department

The study of world languages serves to introduce students to various cultural, societal, and language norms. Respect, understanding, and appreciation for differing customs are benefits of language study. At York Catholic High School students may elect to study one of two world languages, Spanish or German. Within all languages, the goal is the development of listening, reading, writing, and speaking skills and continued student growth.

414 Spanish I CP **1 Credit**

Level 1
Grades 9-12

This course introduces the language within the context of the contemporary Spanish-speaking world and its culture. Emphasis is given to the development of listening, speaking, reading, writing, and formation of grammatical and language structures. The vocabulary presented relates to the students' world and encourages practical use of the language.

Pre-requisite: Students must have a 75 average in English CP and teacher approval.

424 Spanish II CP **1 Credit**

Level 1
Grades 9-12

The second level of language continues the acquisition of correct pronunciation and intonation, as the students hear and respond more in the language. Basic grammatical and vocabulary skills are expanded and the students do some imitative composition. Spanish culture is highlighted through related readings. The ability to speak and read the language without resorting to translation is encouraged.

Pre-requisite: Students must have a passing grade of 70 in Level I CP or a minimum average of 80 in eighth grade language and teacher approval.

434 Spanish III CP **1 Credit**

Level 1
Grades 10-12

Spanish III further develops the student's ability to use Spanish in speaking and writing. The course is grammar intensive and aural, and reading comprehension skills are also improved. This course will help students to acquire knowledge of the culture and the history of Spanish-speaking countries.

Pre-requisite: Students must have a minimum average of 80 in Level II CP and teacher approval.

444 Spanish IV H **1 Credit**

Level H
Grades 11-12

This honors course increases the student's ability to use the world language as a means of communication both orally and through the written word. This course will help the students deepen their knowledge of the culture and the history of Spanish-speaking countries. Students will expand their reading, writing, and speaking skills in the language. The class will be conducted in the language and students will be required to participate in class discussions.

Pre-requisite: Students must have a minimum average of 85 in Level III and teacher approval.

454 Spanish V H
1 Credit

Level H
Grade 12

College in the Classroom Option

In this honors course, students will refine those language skills which were acquired in the previous levels with a special emphasis on reading, writing, listening, and oral communication. Students will read novelettes and learn how to express their thoughts orally and in composition. Understanding of culture and art is stressed. The class will be conducted in and students will be required to participate in class discussions in Spanish. This course has a College in the Classroom option through which students have the opportunity to earn 6 college credits from Alvernia University (Intermediate Spanish 1 & 2). Alvernia University information will be available in August.

Pre-requisite: Students must have a minimum average of 85 in Level IV and teacher approval.

412 German I CP
1 Credit

Level 1
Grades 9-11

This course introduces the language within the context of the contemporary German world and its culture. Emphasis is given to the development of listening, comprehension, reading, writing skills, and formation of grammatical and language structures. The vocabulary presented relates to the students' world and encourages practical use of the language.

Pre-requisite: Students must have a 75 average in English CP and teacher approval.

422 German II CP
1 Credit

Level 1
Grades 9-12

The second level of language continues the acquisition of correct pronunciation and intonation, as the students hear and respond more in the language. Basic grammatical and vocabulary skills are expanded and students do some imitative composition. The culture of Germany is highlighted through related readings. The ability to speak and read the language without resorting to translation is encouraged.

Pre-requisite: Students must have a passing grade of 70 in Level 1 CP or a minimum average of 80 in eighth grade language and teacher approval.

432 German III CP
1 Credit

Level 1
Grades 10-12

German III further develops the student's ability to use the language in speaking and writing. The course is grammar intensive and aural, and reading comprehension skills are also improved. This course will help students to acquire knowledge of the culture and the history Germany.

Pre-requisite: Students must have a minimum average of 80 in Level II CP and teacher approval.

442 German IV H
1 Credit

Level H
Grade 11-12

This honors course increases the student's ability to use the world language as a means of communication both orally and through the written word. This course will help the students deepen their knowledge of the culture and the history of the target language countries. Students will expand their reading, writing, and speaking skills in the language. The class will be conducted in the target language and students will be required to participate in class discussions.

Pre-requisite: Students must have a minimum average of 85 in Level III and teacher approval.

Business/Computer Department

Welcome to the dynamic and innovative realm of the Business and Technology Department at York Catholic High School. Our department is dedicated to equipping students with the essential knowledge and skills for thriving careers in business and technology, as well as fostering a foundation for continued education in business majors beyond high school. Rooted in the principles of effective communication, our curriculum emphasizes not only the mastery of business concepts, but also the ability to articulate thoughts and ideas with purpose, laying the groundwork for strategic business thinking. At York Catholic, we are committed to nurturing a diverse and global mindset, empowering students to navigate the complexities of the modern business landscape while steadfastly upholding ethical Christian values. Join us on a journey where education meets innovation, preparing students for success in the dynamic intersection of business and technology.

651 Accounting CP 1 Credit

**Level 1
Grades 12**

This course is designed to equip students with a foundational understanding of essential financial accounting and managerial accounting principles, applied within diverse business entities, with a particular emphasis on sole proprietorships and corporations. The curriculum emphasizes fundamental accounting concepts and techniques essential for interpreting and leveraging financial information in the management and analysis of business operations. This course is suitable for high school students with an interest in business, finance, or related fields, providing a strong foundation for future academic and professional pursuits in accounting.

Pre-requisite: Overall average of 80 and math teacher recommendation.

653 Introduction to Entrepreneurship 1 Credit

**Level 1
Grades 10-12**

This course is structured to provide an overview of entrepreneurial activities relevant to both startup companies and existing business expansions. It is applicable to students in all academic disciplines interested in starting or owning a business, while maintaining relevance for existing business owners looking to gain an edge. The course details the fundamental principles and processes of entrepreneurship. It will focus on entrepreneurs, entrepreneurial thinking, idea generation, market evaluation, financing options, business essentials, the execution phase, growth strategies, and exit plan development.

701 AP Computer Science A 1 Credit

**Level AP
Grades 12**

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Students taking this course are required to take the AP exam in May.

Pre-requisite: Math teacher approval.

703 Internet Communications 0.5 Credit - Semester Course

**Level 1
Grades 9-12**

This course provides a broad theoretical overview of computer and telecommunications networks. The Open Systems Interconnect (OSI) model is used as the primary basis for examining what communications tasks need to be performed in order for electronic communications to occur. The Internet's TCP/IP protocol stack is used as the primary example of how the OSI model may be implemented in practice.

A thorough examination of how the TCP/IP protocols provides the student with a detailed understanding of the functioning of packet-based networks and the Internet. Lab-based exercises are used to demonstrate concepts where possible.

704 Enterprise Data Management
0.5 Credit - Semester Course

Level 1
Grades 9-12

This course is an introduction to database technology and database theory. Students will learn the principles of sound relational database design as well as the use of Structured Query Language (SQL) for building data structures and retrieving data. The use of SQL will be emphasized through hands-on exercises and course projects. In addition to fundamental database design theory, students will also explore how organizations leverage database technology to strategically and operationally support multiple business functions and processes.

Visual Arts Department

The Visual Arts program at York Catholic believes in developing the whole individual. Students are given opportunities to express themselves, become creative problem solvers, think critically, build community and character, and shine light on the beauty that God has created. Opportunities within the Visual Arts program to collaborate and communicate with peers builds community within York Catholic, enriching the school culture. Incorporating real world and interdisciplinary connections through the art making process is an important component of YC's art education program.

712 Fundamentals of Art 1 Credit

**Level 1
Grades 9-12**

This introductory level course explores the elements of art and principles of design and how they are used to create works of art. Artists experiment with a variety of media and become creative problem solvers as they find new ways to express themselves. Artists observe and analyze how art has been created throughout history and how it continues to evolve through contemporary art.

713 2D Drawing & Painting I 0.5 Credit - Semester Course

**Level 1
Grades 10-12**

This course focuses on two-dimensional observational drawing and painting using a variety of media. Artists extend their learning on how light, shadows, and color play a role in rendering objects from life. Observational skills will be strengthened through both structured exercises and open-minded assignments.

Pre-requisite: Fundamentals of Art

715 Digital Art I 0.5 Credit - Semester Course

**Level 1
Grades 10-12**

This course engages artists in technology using a variety of tools, techniques, and creative processes. Artists will explore digital drawing and painting, graphic design and typography, animation, and 3D modeling. Artists will focus on developing their own unique digital aesthetic.

Pre-requisite: Fundamentals of Art

722 2D Drawing & Painting II 0.5 Credit - Semester Course

**Level H
Grades 11-12**

This honors level course challenges artists to push their two-dimensional art making skills to create more sophisticated compositions. Artists refine their observational drawing skills and expressive painting skills as they visually communicate their ideas. Research is conducted to study 2D artists (both contemporary and historical) for inspiration.

Pre-requisite: Fundamentals of Art and 2D Drawing & Painting I

724 Digital Art II 0.5 Credit - Semester Course

**Level H
Grades 11-12**

This honors level course challenges artists to immerse themselves in applying sophisticated techniques and unique problem-solving experiences. Artists will build on the technology learned in the Digital Art I class. Research is conducted to study current trends for inspiration in an ever-changing art field.

Pre-requisite: Fundamentals of Art and Digital Art I

732 Advanced Studio
1 Credit

Level H
Grade 12

The Advanced Studio course is a rigorous independent art course designed for students to create their own sustained portfolio, sharing their personal artistic voice. Artists conduct research and prepare proposals to be reviewed before creating their portfolios. Critique sessions occur frequently to provide feedback to artists as they deepen their personalized exploration.

Pre-requisite: Level II Art course (ex. 2D Drawing & Painting II, 3D Sculpture II, or Digital Art II) and must be a senior.

Performing Arts Department

It is the continuing philosophy of the performing arts department of York Catholic High School to provide students with a broad array of educational opportunities for the development of abilities in music and the performing arts. Through competitive and noncompetitive evaluation and instruction, the primary goal is to promote the ongoing development and mastery of cumulative technical and artistic skills reflecting contemporary educational principles. We ascribe to the concept that artistic, aesthetic, and creative standards must be joined with positive inspiration, recognition, and dignity for all participants. Performance opportunities must promote and assist in the educational development of the students to achieve their greatest potential.

000	High School Band 1.0 Credit	Level G Grade 9
001	High School Band 1.0 Credit	Level G Grade 10
002	High School Band 1.0 Credit	Level G Grade 11
003	High School Band 1.0 Credit	Level G Grade 12

High School Band forms the backbone of all instrumental ensembles in the school. Student leadership is encouraged wherever possible, and all members are guided to the realization that personal commitment and self-discipline are an integral part of any performing organization. High School Band provides students the opportunity to perform in an organized group setting, and at the same time improve their skills through musical exercises, practice, sight-reading, school rehearsals, and public performances. Students are eligible to audition for representation in District, Regional, and Honors Band. Marching Band can be an extra-curricular activity.
Pre-requisite: Instrumental training.

004	High School Choir 1.0 Credit	Level G Grade 9
005	High School Choir 1.0 Credit	Level G Grade 10
006	High School Choir 1.0 Credit	Level G Grade 11
007	High School Choir 1.0 Credit	Level G Grade 12

Choir is open to any student interested in singing. Its aim is to promote a high level of musical artistry by developing skills in style, diction, vocal technique, and choral singing. Repertoire for this group consists of a variety of challenging musical literature from classical through contemporary composers. This ensemble performs twice annually. Singers in this group are eligible to audition for representation at District, Regional, and Honors Chorus.

842 Beginner Guitar
0.25 Credit - Semester Course

Level G
Grades 9-12

Beginner Guitar introduces students with little or no musical background to the fundamentals of music reading and the pleasure of interpreting basic solo and accompaniment techniques on the guitar. Students will learn about their instrument, rhythm, pitch, intervals, chords, and how to play notes and chords on the guitar. Students are required to provide their own guitar and pick. Students who already play guitar are welcome to take the course.

Physical Education/Health Department

781 Child Development

0.5 Credit - Semester Course

Level 1

Grade 11-12

The goal is to provide the student with the awareness that development includes not only physical maturation, but also an understanding of how social, emotional, and intellectual development are fostered and hindered. These classes will instill in the student an appreciation for the parenting skills needed to raise a family in today's society, and emphasize the care of the mother and child during pregnancy, and the development of the child from birth to age two.

810 Introduction to Weightlifting

0.25 Credit - Semester Course

Level G

Grades 9-12

This introductory course is designed to teach students the fundamentals of weightlifting and resistance training in a safe, supportive environment. Students will learn proper lifting techniques, safety procedures, and how to design balanced workouts that promote strength, endurance, and overall fitness. Emphasis will be placed on correct form, injury prevention, and personal goal setting. Through hands-on training, students will develop confidence in the weight room and gain a better understanding of how strength training supports lifelong health and wellness.

Course Goals:

- Learn and demonstrate proper lifting form and spotting techniques.
- Understand key muscle groups and how to train them safely.
- Develop individualized fitness goals and workout plans.
- Build confidence through consistent training.

Required Minor Course Physical Education

People who exercise regularly tend to live longer and are less likely to suffer from degenerative diseases. Sports usually considered lifetime in nature are best learned and practiced during the adolescent years. Such sports can provide the medium for regular physical activity throughout life. The general aim of the physical education program is to aid in the physical, social, and emotional development of each student through participation in physical activities, sports, and games.

Activities include movement exploration activities, low organization activities, individual and dual activities, team sports, rhythmic activities, fitness, and cooperative learning activities. The planned four-year Physical Education program is designed to:

1. Assist students to attain and maintain a desirable level of physical fitness
2. Promote an understanding of the relationship between regular physical activity and health
3. Develop an understanding of the fundamentals, rules, and skills of various sports
4. Provide sports, games, and other physical activities that promote self-confidence, teamwork, sportsmanship, and competency for participation in physical activities later in life

A passing grade in each of the four years of physical education is required for graduation.

801	Physical Education 0.25 Credit - Semester Course	Level G Grade 9
802	Physical Education 0.25 Credit - Semester Course	Level G Grade 10
803	Physical Education 0.25 Credit - Semester Course	Level G Grade 11
804	Physical Education 0.25 Credit - Semester Course	Level G Grade 12

Other Required Minor Courses

806 Health

0.25 Credit - Semester Course

Level G

Grade 9

The health course is designed to help every student acquire good health habits and an understanding of the conditions necessary for maintaining physical and emotional well-being. The course includes lifetime wellness information related to physical activity and nutrition, mental and emotional health, drug education, and diseases. A passing grade is required for graduation.

870 SOAR

0.5 Credit - Semester Course

Level G

Grade 10

SOAR builds upon the foundations of the Middle School career exploration program and will prepare students for their final years of high school and beyond. The course will focus on the four domains of Career Exploration and Readiness: Self-Knowledge, Exploration, Decision Making, and Action. Students will deepen knowledge of themselves, further explore college and career options, begin making decisions about their future plans, and create action steps to finish their last two years of high school and prepare to enter university or the workforce.

664 Personal Finance

0.5 Credit - Semester Course

Level 1

Grades 11-12

This comprehensive high school course equips students with essential financial skills for a successful future. Covering budget crafting, credit management, homeownership, investing, retirement planning, and education financing, this course empowers students to make informed decisions about their personal finances. By exploring real-world scenarios and practical strategies, students develop the confidence and know-how to navigate financial challenges and secure their long-term financial well-being. Prepare for a transformative journey in financial literacy that will lay the foundation for a lifetime of small financial decision-making. This course will be a required course for graduation per the state of Pennsylvania effective 2026-2027.