Catholic Central High School

Great Education. Greater Purpose.

2020-2021
Mission Statement
Catholic Central High School challenges students to know and love God, seek knowledge and truth, respect the dignity of each person, and contribute to society through leadership and service.

Vision Statement
The greatest gift we can give our students is an open heart, a prepared mind, and a living faith. Through our core values, our education reflects both the life skills and outcomes we seek to cultivate in our students as part of a life of discipleship in the 21st century.

Core Values
   Honor
   Serve
   Lead
   Strive
   Love
   Wonder

Every effort has been made to prepare the most correct and clearly expressed information for your course planning purposes. However, should there be a discrepancy between the information included in this Curriculum Guide and CCHS policy and standards, CCHS reserves the right to notify CCHS parents and students of the correction to this Curriculum Guide while upholding established policies and standards.
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**English Department**

**Program Goal:**

The study of literature and language provides students the opportunity to expand literacy, critical thinking, and communication skills necessary for college-level study, for understanding and communicating with the world beyond academics, and for life-long learning. Further, exposure to various cultural perspectives of the past and present expressed in novels, stories, poetry, drama, and non-fiction are essential to self-awareness and an appreciation of one’s place in, and responsibility to, the world. In broadening student perspectives and guiding their growth in writing, reading, speaking, and listening, the English program’s goal is to graduate prepared, competent, and compassionate young adults who confidently and faithfully face the challenges of continued study and of the rich complexity of human interaction.

**English Department Offerings:**

- English I: Literature and Composition or
  - Honors English I: Literature and Composition

- English II: American Literature and Composition or
  - Honors English II: American Literature and Composition

- English III: Language and Composition or
  - A.P. Language and Composition

- English IV: Classical and Contemporary Literature and Composition or
  - A.P. Literature & Composition

- Creative Writing A/B
- Debate
- Journalism
- Mythology A/B
- Oral Communication
- Yearbook
English I: Literature & Composition or English I: Honors Literature and Composition
1 credit required (placed in 1 of 2 options)
Prerequisite: None
Open to grade: 9

Literature & Composition: This is the first course in an integrated study of literature and language focused on preparing students for the challenges of college. Through self-directed reading selections and whole class texts, students will learn to apply literary elements in analysis, connect themes, and better understand the world around them. Students will develop writing skills by composing in various forms, learning the stylistic conventions of each mode, and by refining grammar and vocabulary skills. Through a combination of individual and group work, students will gain independence in their ability to read and comprehend challenging texts, to document and communicate their findings, and to critically analyze works of various cultures from the perspective of Catholic Social Teaching.

Honors Literature & Composition: This course is the first in a vertically-teamed approach geared toward advanced placement credit and college English; it shares the goals of Literature and Composition, but requires a higher level of critical analysis and reading and writing fluency at the freshman level.

English II: American Literature and Composition or English II: Honors American Literature and Composition
1 credit required (placed in 1 of 2 options)
Prerequisite: English I or Honors English I: Literature and Composition
Approval of previous English teacher required
Open to grade: 10

American Literature and Composition: This survey course is designed to further develop essential language arts and critical thinking skills in the analysis of a variety of literary genres. The course will be guided by thematic units that study the core underlying concepts and ideas that shape American identity. Students will work to improve critical reading skills and to respond to literature in directed discussion and formal and informal writing in a variety of modes (free writing, journals, creative work, non-fiction writing, narrative, descriptive, persuasive, and analytical essays) with an emphasis on the process of writing. Vocabulary and grammar instruction will be tailored to specific reading and writing tasks; students will learn and practice these skills within the context of their reading. Students will practice research and documentation skills and a variety of note-taking and study skills. In addition to coursework, students will enhance and practice time management, group participation, verbal communication, public speaking, and listening skills within the daily routine of the classroom. Through a combination of individual and group work, students will gain independence in their ability to read and comprehend challenging texts, to document and communicate their findings, and to critically analyze works of various cultures from the perspective of Catholic Social Teaching.

Honors American Literature and Composition: This course is the second in a vertically-teamed approach geared toward advanced placement credit and college English; it shares the goals of American Literature and Composition, but requires greater independence as well as a higher level of critical analysis and reading and writing fluency at the sophomore level.
English III: Language and Composition or Advanced Placement Language and Composition
1 credit required (placed in 1 of 2 options)
Prerequisite: English II or Honors English II: American Literature and Composition
Approval of previous English teacher required
Open to grade: 11

Language and Composition: This is the third course in an integrated study of literature and language focused on preparing students for the challenges of college. Through a close study of fictional and non-fiction texts, students will build linguistic, rhetorical, and critical thinking skills as they hone their own style and voice in writing. This course has a significant research component, extends literacy skills to other media (i.e., visual, auditory), and is geared toward mixing modes and techniques of writing for persuasive effect. Through a combination of individual and group work, students will gain independence in their ability to read and comprehend challenging texts, to document and communicate their findings, to critically analyze works of various cultures from the perspective of Catholic Social Teaching, and to form opinions after seeking out and then synthesizing others’ ideas with their own thoughts, experiences and values.

Advanced Placement Language and Composition: The AP English Language and Composition course is the third in a vertically-teamed approach geared toward college advanced placement credit. This course focuses on the development of evidence-based argumentative writing and the rhetorical analysis of nonfiction texts from a range of disciplines and historical periods. Students evaluate, synthesize, and cite source material to support their arguments and develop confidence in making their own rhetorical choices in speech and writing. In addition, students are required to take the Advanced Placement Language and Composition exam in May.

English IV: Classical and Contemporary Literature and Composition or Advanced Placement Literature and Composition
1 credit required (placed in 1 of 2 options)
Prerequisite: English III: Language and Composition or AP Language and Composition
Approval of previous English teacher required
Open to grade: 12

Classical and Contemporary Literature and Composition: This is the fourth course in an integrated study of literature and composition focused on preparing students for the challenges of college. Through a survey of key works in Western literature, including works from the Renaissance through the 20th century, students will learn to closely analyze literature of various cultures and eras, to participate in the timeless conversations about our roles and relationships in the world, and to understand how perspectives change in response to the historical context of the period. Students will develop writing skills by composing in various forms, developing the stylistic conventions of each, learning how to mix modes where appropriate, and refining grammar and vocabulary skills. Through a combination of individual and group work, students will gain independence in their ability to read and comprehend challenging texts, to document and communicate their findings and to critically analyze works of various cultural perspectives from the standpoint of Catholic Social Teaching.
**Advanced Placement Literature and Composition:** The AP English Language and Composition course is the fourth in a vertically-teamed approach geared toward college advanced placement credit. With its repeating rotation of short fiction, poetry, and long fiction, the course is designed to meet the comprehensive requirements established by the College Board for depth and breadth of reading and close analysis of representative works of literary merit from a variety of genres and cultures. The course requires greater independence, a higher level of critical analysis, and greater reading and writing fluency at the senior level. *In addition, students are required to take the Advanced Placement Literature and Composition exam in May.*

**Creative Writing A/B**
½ credit elective
Prerequisite: None
Open to grades: 9, 10, 11, 12

**Course Description:** This course will examine different forms of creative expression in writing and expose students to various author’s styles and methods. Students will be encouraged to explore and experiment with language to develop their own writing style. Students may take this course twice during their high school career, once in the fall semester and once in the spring semester.

**Debate**
½ credit elective
Prerequisite: Recommendation and approval of instructor required.
Open to grades: 9, 10, 11, 12

**Course Description:** In this course, students will learn the basics of formal policy debate. Students will be expected to work independently as well as with teammates, not only to debate complex political/world issues, but also to perform the necessary research needed in order to compete in these debates. Initially, the course will focus on public speaking skills and debate basics, with projects increasing in complexity over time. The course culminates with a series of full-hour, structured debates covering complex issues. Students taking this course will also have the opportunity to join the debate team with the approval of the instructor. (Team participation is an extracurricular activity and requires a time commitment.)
Journalism
1 credit elective (credit may be repeated)
Prerequisite: A “B” average in English. Submission of application/recommendation and approval of instructor required
Open to grades: 9, 10, 11, 12

Course Description: In this course, students work together to organize and produce up to eight issues of the school newspaper, the Blue and White. Throughout the year, staff members learn and practice journalistic skills involving research, interviewing, writing, editing, page design and layout, and photography. In addition, students are required to sell advertising. This course can be taken for credit during the sophomore, junior, AND senior years, with opportunities for leadership positions, awards, and specialized roles (such as business management, computer-assisted page design, and photography). Academic success on the newspaper staff requires a strong work ethic and sense of responsibility, as well as a commitment to excellence in terms of deadline completion and attention to detail.

Mythology A/B
½ credit elective
Prerequisite: None
Open to grades: 9, 10, 11, 12

Course Description: This is a one-semester course in which students will explore the ideas of myth, folklore, and science fiction as they are expressed in modern culture. Using classic text as a foundation, students analyze modern-day works that utilize similar themes and ideas in a multi-media study of novels, short stories, films, poems, and graphic novels. Students may take this course twice during the course of their high school career, once in the fall semester and once in the spring semester.

Oral Communications
½ credit elective
Prerequisite: None
Open to grades: 9, 10, 11, 12

Course Description: This one-semester class will include coursework in public speaking and in non-verbal, interpersonal, group and one-to-group communication. Students will learn to become more confident and effective communicators in a variety of speaking situations. Listening skills and leadership qualities will also be emphasized.
**Yearbook**
1 credit elective
Prerequisite: Submission of an essay/application and permission of yearbook advisor required
Open to grades: 9, 10, 11, 12

**Course Description:** This course offers students the opportunity for involvement in every facet of yearbook production, including writing, photography, editing, layout-design, and advertising, as they work together to produce CC’s annual publication, *Spires*. Academic success on the yearbook staff requires a strong work ethic and sense of responsibility, as well as a commitment to excellence in terms of deadline completion and attention to detail. Students also are required to sell advertising. This course can be taken for credit during the sophomore, junior, AND senior years, with opportunities for leadership positions.
Fine Arts Department

Program Goal:

All students will experience the understanding, the appreciation, and the creation of the Arts in a Catholic Christian setting for lifelong appreciation. Art provides knowledge about the world and ways of experiencing it that contribute to a global understanding different from that gained through verbal or written language.

Students will develop skills through:

- Expressing oneself creatively in various media in the visual and performing arts
- Communicating with others through the language of the arts
- Respecting the rights of others’ artistic expression
- Critically evaluating the artistic works of self and others
- Comprehending the arts in a historical and cultural context
- Cultivating creative solutions to problems and opportunities
- Learning to be a discerning artist while manifesting an open mind to the arts in everyday life.

Fine Arts Department Offerings:

Visual Arts
- Art 1: Art Foundations
- Art 2: Media Foundations
- Digital Media 1
- Digital Media 2
- Painting & Drawing
- Sculpture/Ceramics
- Honors Art 1
- Honors Art 2
- Studio Art

Performing Arts
- Capella Choir
- Marching Band/Symphonic Band
- Men’s Choir
- Percussion Ensemble
- Women’s Chorale
- Introduction to Theater
VISUAL ARTS:

Art 1: Art Foundations
½ credit elective
Open to grades: 9-12

**Course Description:** This is a foundation course designed to introduce students to a high school art program. Aspiring artists will become familiar with the elements and principles of art and design as they explore a variety of techniques for creating art. In the first nine weeks of this semester-long course, the major focus is on the elements of art: line, shape, form, color, value, texture and space and how these elements are put together into a composition. The principles of design: emphasis, balance, movement, rhythm, proportion, contrast and pattern are the foundation of the second nine weeks. Various drawing and 2-D design techniques will be introduced and incorporated in projects. Art vocabulary, art history and art criticism will help reinforce the basic concepts. This course is a prerequisite for all other art courses.

Art 2: Media Foundations
½ credit elective
Prerequisite: Art 1: Art Foundations
Open to grades: 9-12

**Course Description:** Students continue their artistic development and expound on curriculum and skills taught in Art 1. In addition, students will be exposed to the mediums of painting, 3D design, ceramics, sculpture, and mixed media. Students will create art with all mediums, develop a vocabulary for each, and further develop their sense of the principles and elements of art.

Digital Media 1
½ credit elective
Prerequisite: Art 1: Art Foundations or Computer Applications
Open to grades: 10, 11, 12

**Course Description:** This course designed for 10th to 12th grade students. Artists will focus on a variety of technologies to explore digital illustration, digital photography, web design, sound, animation, and video. To complete these units, artists will rely on available software and technology and work from storyboarding through to completed projects.

Digital Media 2
½ credit elective
Prerequisite: Digital Media 1
Open to grades: 10, 11, 12

**Course Description:** Digital Media 2 builds upon the basic skills learned in Digital Media 1 to create work at an advanced level.
**Painting & Drawing**  
½ credit elective  
Prerequisite: Art 1: Foundations and Art 2: Media Foundations  
Open to grades: 10, 11, 12  

**Course Description:** Students will explore and develop their drawing skills using an array of media: graphite pencil, charcoal, pastels, conte crayon, pen and ink, colored pencils, and markers. Certain art movements that begin with 19th century impressionism and continue throughout the 20th century (Fauvism, Cubism, Surrealism, Abstract Expressionism, Pop Art, Op Art, Minimalism, and Photo Realism) will form the inspiration for paintings created using watercolor, goauche, acrylics, and water-based oils. Surfaces may include canvas, illustration board, masonite, canvas board, and cold press watercolor paper.

**Sculpture/Ceramics**  
½ credit elective  
Prerequisite: Art 1: Foundations and Art 2: Media Foundations  
Open to grades: 10, 11, 12  

**Course Description:** This course concentrates on three dimensional materials and concepts. Students will explore different forms and techniques of sculpture and clay to create their own functional and non-functional works. Subtractive and additive methods will be created with many different mediums for sculpture.

**Honors Art 1 (Will alternate years with Studio Art)**  
½ credit elective  
Prerequisite: B or higher in Art 2: Media Foundations and teacher recommendation  
Open to grades: 10, 11, 12  

**Course Description:** This is an advanced course designed to further the individual art skills of students. Students will gain experience and learn a higher level of techniques and rigor in 2D and 3D mediums. These media and techniques will build upon the basic principles and elements of art on a more conceptual level. Art vocabulary, art history and art criticism will help reinforce more complex and conceptual concepts.

**Honors Art 2 (Will alternate years with Studio Art)**  
½ credit elective  
Prerequisite: Honors Art 1  
Open to grades: 10, 11, 12  

**Course Description:** Honors Art 2 builds upon the skills of Honors Art 1. This is an advanced course designed to further the individual art skills of students. Students will gain experience and learn a higher level of techniques and rigor in 2D and 3D mediums. These media and techniques will build upon the basic principles and elements of art on a more conceptual level. Art vocabulary, art history and art criticism will help reinforce more complex and conceptual concepts.
**Studio Art (Will alternate years with Honors Art)**

1 credit elective
Prerequisite: B or higher in Art 2: Media Foundations and teacher recommendation
Open to grades: 11 and 12

**Course Description:** This course is designed for students who are seriously interested in the practical experience of art and wish to develop mastery in the concept, composition, and execution of their ideas. Students will submit portfolios for evaluation at the end of the school year. In building the portfolio, students experience a variety of concepts, techniques and approaches designed to help them demonstrate their abilities as well as their versatility with techniques, problem solving, and ideation. Students also develop a body of work for the Concentration section of the portfolio that investigates an idea of personal interest to them.

**PERFORMING ARTS:**

**Capella Choir**

1 credit elective; credit may be repeated
Prerequisite: At least one year of prior study, and audition required
Open to grades: 10, 11, 12

**Course Description:** Capella Choir is the select choral ensemble of CCHS. With its very demanding performance schedule, Capella is designed for outstanding choral students to sing madrigal, *a capella*, and vocal jazz literature. There is a limited enrollment to this ensemble based upon proper balance of voices. Students must be capable of advanced music reading skills, sight reading and interpreting difficult literature.

**Marching Band/Symphonic Band**

1 credit elective; credit may be repeated
Prerequisite: None
Audition or Director permission required
Open to grades: 9, 10, 11, 12

**Course Description:** This course is open to any student who has actively studied a band instrument and has approval from the Director. Through practice and performance of music literature, this class gives students a chance to learn, strengthen and experience music. Students will have competition and concert performances throughout the year. Focus will be on ensemble skills, music theory and personal music development. Students in this band must be enrolled in the Marching Band/Symphonic Band first semester as this is a continuation of a year-long class. NOTE: Two years of band fulfill Physical Education requirement.

**Marching Band requires all members to attend Band Camp for a week in July or August prior to the start of school and 1-2 evening rehearsals per week in the fall.**
**Men's Choir**
1 credit elective
Prerequisite: None No signature required
Open to grades: 9, 10, 11, 12

**Course Description:** Students will learn the basic vocal and choral techniques necessary to participate in higher level ensembles. Breathing, vocal techniques, basic music theory and sight reading will be emphasized on a daily basis. Students will perform selections at various concerts throughout the year. Students enrolling in Men’s Choir should come with a good attitude toward choral music and a willingness to learn vocal and musical technique.

**Percussion Ensemble**
½ credit elective
Prerequisite: Must be enrolled in Marching Band/Symphonic Band first semester. Approval of Director

**Course Description:** This second semester course is open to any current Percussion student who is currently enrolled in band and has approval from the Director. This class focuses on individual skills, special technique of all percussion instruments and small percussion ensemble work. Students will participate at District Solo & Ensemble Festival and perform at concert performances throughout the semester. Students in Percussion Ensemble must be enrolled in Marching Band/Symphonic Band first semester as this is a continuation of a year-long class.

**Women’s Chorale**
1 credit elective; credit may be repeated
Prerequisite: None Signature required
Open to women in grades: 9, 10, 11, 12

**Course Description:** Women’s Chorale is a large choral ensemble at the high school level. Basic vocal and choral techniques will be employed on a daily basis. Students will continue to explore music theory and sight-reading as a way of understanding the musical language. A wide variety of choral literature will be studied and performed. A desire to learn and perform music to the best of their ability should motivate students to enroll in this class.

**Introduction to Theater**
½ credit elective; credit may be repeated
Open to grades 9, 10, 11, 12

**Course Description:** Students in grades 9th through 12th may earn .5 elective credit and satisfy Catholic Central High School Visual/Performing Arts requirement by participating in both the Fall play and the Shakespeare Play in the same school year and meeting director’s requirements for attendance and role fulfillment.
Mathematics Department

Program Goal:

The study of mathematics provides the student with a foundation of logic, reasoning and calculation skills and an experience in current technology which will enable the student to succeed in his/her chosen career, whether or not it is a mathematical field. Furthermore, mathematics provides challenges and methods of operating which serve to increase one’s problem solving capabilities and critical thinking skills. Students will understand basic computations, develop accuracy in mathematical computations, attack problems logically, and acquire sufficient knowledge of mathematical skills to fulfill needs of future work. Through the study of mathematics, the students will foster virtues of wisdom, knowledge and honesty that will go with them to any of the myriad of vocational opportunities to which God calls them.

NOTE: Some classes require that the student have access to a graphing calculator. CCHS prefers TI83 or TI84.

Math Department Offerings:

- Algebra I
- Advanced Algebra I
- Fundamentals of Geometry
- Geometry
- Honors Geometry
- Algebra II
- Algebra II/Trigonometry
- Honors Algebra II/Trigonometry
- Into to Personal Finance
- Financial Literacy
- Analysis
- Pre-Calculus
- Honors Pre-Calculus
- Calculus
- AP Calculus
- AP Statistics
Algebra I
1 credit
Open to grade 9

**Course Description:** This course will establish a solid foundation in fundamental algebra skills. It will include manipulation of variables, expressions, radicals and exponents. It will cover solving equations and inequalities both algebraically and graphically. Basic statistics and probabilities will be introduced. **A scientific calculator is required.**

Advanced Algebra I
1 credit
9th grade prerequisite: Based on standardized test scores, math grades and teacher evaluation.
10th grade consideration: Department recommendation.
Open to grade 9

**Course Description:** This course will include the manipulation of variables, expressions and radicals. It will cover solving equations and inequalities, algebraically and graphically. In addition to these topics, an introduction to basic statistics and probability will be included. **A TI83 or TI84 graphing calculator is required.**

Fundamentals of Geometry
1 credit
Prerequisite: Algebra I or Advanced Algebra I and department recommendation.
Open to grades 10, 11, 12

**Course Description:** This course will include fundamental topics of Euclidean Geometry from a slightly less rigorous approach. Topics will focus on dimensional properties of polygons and circles with excursions into three-dimensional properties of surface and volume. **TI30 XIIS calculator is required.**

Geometry
1 credit
9th grade prerequisite: Must have completed Algebra in 8th grade and have qualifying standardized test results.
10th and 11th grade prerequisite: Minimum of 70% in Advanced Algebra I and department recommendation.
Open to grades 9, 10, 11

**Course Description:** This course will focus on topics of Euclidean Geometry through the use of vocabulary of two and three dimensional properties, logic and proofs, technology, and activities to enhance life connections. **TI30 XIIS calculator is required.**
Honors Geometry
1 credit
9th grade prerequisite: Must have completed Algebra in 8th grade and have qualifying standardized test results.
10th grade prerequisite: Based on test scores in Advanced Algebra I and teacher recommendation.
Open to grades 9, 10

Course Description: This course will focus on topics of Euclidean Geometry through the use of vocabulary of two and three dimensional properties, logic, technology and activities to enhance life connections. Honors Geometry demands more in-depth understanding and extensive utilization by the students. They will be exposed to selected non-Euclidean topics where appropriate and as time allows, i.e., graph theory, fractal geometry, and discrete geometry. A TI83 or TI84 calculator is required.

Algebra II
1 credit
Prerequisite: Algebra I, Geometry or Fundamentals of Geometry and department recommendation.
Open to grades 11, 12

Course Description: This course is designed to emphasize and reinforce fundamental algebraic skills. The course will extend and/or advance discussion of linear, quadratic, exponential functions, and systems of equations/inequalities through the use of appropriate technology, activities and applications. A TI83 or TI84 graphing calculator is required.

Algebra II/Trigonometry
1 credit
9th grade Prerequisite: Must have completed Algebra or Geometry in 8th grade and have qualifying standardized test results.
10th, 11th, and 12th grade Prerequisite: 70% in Geometry and Algebra and recommendation of department.
Open to grades 9, 10, 11

Course Description: This course will cover all the material of Algebra II. Also included will be graphing, modeling and applications of advance functions. Some trigonometric topics will be covered. Skills learned will prepare a student for success in higher level math courses. A TI83 or TI84 graphing calculator is required.
**Honors Algebra II/Trigonometry**
1 credit
9th grade Prerequisite: Must have completed Algebra or Geometry in 8th grade and have qualifying standardized test results.
10th and 11th grade Prerequisite: 88% in Honors Geometry and department recommendation.
Open to grades 9, 10, 11

**Course Description:** This course will cover all the material of Algebra II/Trigonometry. A greater emphasis will be placed on graphing, modeling and application of advanced functions as well as conic sections, trigonometric topics. The pace of the class and student expectations will increase to prepare the student to continue with honors math classes. **A TI83 or TI84 graphing calculator is required.**

**Intro to Personal Finance**
½ credit elective
Open to grades 9 & 10

**Course Description:** This class will look at the value of money, the importance of understanding how money works, why it is important to look at your financial future now, and how decisions you make today can impact your future. We will look at spending habits of a high school teenager, create a budget to live off of and figure out what is important for the student to spend money on. This course will cover topics that include budgeting, money management, checking and saving accounts, saving and paying for college, and bargain shopping. This course will also cover some basics of investing, debt, and credit.

**Financial Literacy**
½ credit elective
Open to grades 11 and 12

**Course Description:** This class will look at a number of topics that will prepare the students for their financial future during their college years, working years, and retirement years. The students will gain an understanding of how the stock market works and different investment opportunities. Topics that will be covered are taxes, insurance, budgeting, investing and retirement accounts, saving and checking accounts and credit scores. This course will also explore the history of the credit system, what debt does to our financial future, how we had money in the different types of relationships that are developed over time, and our Christian values of giving. **A TI83 or TI84 calculator is required.**

**Analysis**
1 credit
Prerequisite: Algebra II and teacher recommendation.
Open to grade 12

**Course Description:** This course is a continuation of Algebra II. It will reinforce graphing, modeling and applications of advanced functions. Trigonometric, polynomial and logarithmic functions will be introduced. **A TI83 or TI84 calculator is required.**
Pre-Calculus
1 credit
Prerequisite: Minimum of 70% in Algebra II/Trigonometry or Honors Algebra II/Trigonometry and department recommendation.
Open to grades 10, 11, 12

**Course Description:** This course will reinforce topics of Algebra II/Trig while extending and enhancing them beyond their development in Algebra II/Trig. Conic sections, probability & statistics, limits, polar coordinates & matrices are also included. The skills learned will prepare students to be successful in Calculus. **A TI83 or TI84 graphing calculator is required.**

Honors Pre-Calculus
1 credit
Prerequisite: Minimum of 88% in Honors Algebra II/Trigonometry and teacher recommendation.
Open to grades 10, 11, 12

**Course Description:** Designed for high-achieving students, this class is a more rigorous treatment of the topics found in Honors Algebra II/Trig. Limits, vectors, parametrics, polar coordinates, matrices and an introduction to derivatives will be included. The skills learned will prepare students for success in AP Calculus. **A TI83 or TI84 graphing calculator is required.**

Calculus
1 credit
Prerequisite: Minimum of 73% in Pre-Calculus or Honors Pre-Calculus and teacher recommendation.
Open to grades 11, 12

**Course Description:** This course is a thorough study of the two branches of calculus: derivatives and integrals. **A TI83 or TI84 graphing calculator is required.**

AP Calculus
1 credit
Prerequisite: Minimum of 88% in Honors Pre-Calculus and teacher recommendation.
Open to grades 11, 12

**Course Description:** This course contains an in-depth coverage of all topics required for the AB Advanced Placement Calculus Exam. Fundamentals of calculus are thoroughly covered through a geometrical, analytical and mathematical approach. **AB exam of the AP Calculus test is required. A TI83 or TI84 graphing calculator is required.**
AP Statistics
1 credit
Prerequisite: Pre-Calculus, Calculus or AP Calculus, and teacher recommendation.
Open to grades 12

Course Description: This course thoroughly covers descriptive and inferential statistics required for the AP exam, including techniques for collecting, analyzing and reporting conclusions and making inferences from the data. Students are required to take the AP Statistics exam. A TI83 or TI84 calculator is required. Class size cannot exceed 29.
# MATH DEPARTMENT

## RECOMMENDED COURSE OF STUDY

(Exceptions will be addressed on an individual basis)

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<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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<tbody>
<tr>
<td><strong>Students who have NOT successfully completed Algebra I</strong></td>
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<tr>
<td>Level One:</td>
<td>Algebra I</td>
<td>Fundamentals of Geometry</td>
<td>Algebra II</td>
<td>Analysis/Financial Literacy</td>
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<tr>
<td>Level Two:</td>
<td>Adv. Algebra I</td>
<td>Geometry or Fundamentals of Geometry</td>
<td>Algebra II or Algebra II/Trig</td>
<td>Pre-Calculus or Analysis/ Financial Literacy</td>
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<td>Level Three:</td>
<td>Adv. Algebra I</td>
<td>Honors Geometry</td>
<td>Honors Algebra II/Trig</td>
<td>Honors Pre-Calculus</td>
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<td><strong>Students who HAVE successfully completed Algebra I (placement test)</strong></td>
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<tr>
<td>Level One:</td>
<td>Geometry</td>
<td>Algebra II/Trig</td>
<td>Pre-Calculus</td>
<td>Calculus or AP Statistics</td>
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<td>Level Two:</td>
<td>Honors Geometry</td>
<td>Honors Algebra II/Trig</td>
<td>Honors Pre-Calculus</td>
<td>AP Calculus or AP Statistics</td>
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<td><strong>Students who HAVE successfully completed Algebra I/Geometry (placement test)</strong></td>
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<td>Level One:</td>
<td>Algebra II/Trig</td>
<td>Pre-Calculus</td>
<td>Calculus</td>
<td>AP Statistics</td>
</tr>
<tr>
<td>Level Two:</td>
<td>Honors Algebra II/Trig</td>
<td>Honors Pre-Calculus</td>
<td>AP Calculus</td>
<td>AP Statistics</td>
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</table>
Physical Education Department

Program Goal:

Through a faith-based wellness program, students will develop and demonstrate the knowledge, skills, and behaviors required for healthy active living.

Physical Education Department Offerings:

- Health
- Sport Fitness
- Sports Leadership I and II

Health
½ credit required
Prerequisite: None
No course signature required
Open to Grades: 9, 10

Course Description: In order to make healthy decisions, students will learn about nutrition, disease prevention, mental health, substance abuse, and CPR. This semester course offers students rich opportunities for analyzing their behaviors and learning ways to create a happier and healthier lifestyle.

Sport Fitness
½ credit (required for students who must meet physical education requirement)
Prerequisite: None
Open to Grades: 9-12

Course Description: This is an introductory course for students who need to prepare their bodies for the basic movements that all sports need. It will help develop knowledge, skills and movements necessary for a lifetime of growth and sport assistance. The class is designed for students who want to maintain or increase their fitness and to find out how seriously they want to take their physical health.

Sports and Leadership
½ credit
Prerequisite: Completion of 1 JV athletic season and/or recommendation of AD
Open to Grades: 10-12, Grade 9 with approval from the teacher

Course Description: This advanced sport training and leadership development course is designed for students who have some background in weight training and are serious about developing their bodies and minds for their sports teams. For seniors, 2nd semester would have to be approved if a student intends to play an intercollegiate sport.
Sports and Leadership II
Credit only – No grade assigned
Prerequisite: Department Approval
Open to Grades: 11, 12

Course Description: See Sports and Leadership I description (above): Students who have completed up to four semesters of Sports Fitness and/or Sports and Leadership I must register for Sports and Leadership II.

*Students are only permitted to take one P.E. course per semester*
Science Department

Program Goal:

Guided by the principles of Catholic Social Teaching, students will develop an understanding of what science is, what science can and cannot do, and how science contributes to the culture of our society. Through a minds-on experiential approach, students will become familiar with modes of scientific inquiry, rules of evidence, methods of formulating questions, and strategies for proposing explanations. All scientific instruction incorporates the QPOE\(_2\) method developed by the Van Andel Education Institute Science Academy (See below). Students are expected to think and act like a scientist in all course offerings. Students will practice applying both moral and ethical principles when evaluating advances in technology, the role of science in society, and personal decision-making.

Science Department Offerings:

- Advanced Integrated Science
- Biology
- Honors Biology
- AP Biology
- Anatomy/Physiology
- Chemistry
- Honors Chemistry
- AP Chemistry (offered alternate years)
- Physics
- AP Physics I
- Pre-Engineering

Learning Science within a Community of Scientific Practice

Habits of Mind + A Process of Scientific Inquiry (QPOE\(_2\)) + Socially and Language Rich Environment = Improved Learning of Science

- Curiosity
- Openness to New Ideas/Informed Skepticism
- Creative Thinking
- Critical Thinking
- Persistence
- Adaptability
- Self-direction
- Integrity

- Mental Stimulation
- A Culture Supporting Risk-Taking
- Collaborative Structures
- Cooperative Interactions
- Shared Control
- Negotiated Meaning
- Discourse

Thinking and Acting Like Scientists: Students | Teachers | Community
**Note:**
To meet CC graduation requirements, a student is required to take Biology, Chemistry or Physics, and one additional science credit. (i.e. Advanced Integrated Science, an Advanced Placement course or any other elective.) Students not taking an Advanced Integrated Science course must take Biology, Chemistry, and a Physics course.

All CC science courses meet college requirements for lab-based curricula. All graduation requirements must be met prior to or concurrently in order to take science elective courses.

**Advanced Integrated Science: STEAM Learning**
1 credit
Prerequisite: Algebra I previously or concurrently
Open to grade: 9

**Course Description:** This course develops students’ scientific inquiry, problem solving and coding skills as students work both individually and collaboratively on chemistry, physics and earth science topics including mechanics, wave behavior, periodic trends, reactivity of substances, the formation and advanced dynamics of earth systems, and our role as stewards of creation. Students will use the QPOE2 model of scientific thinking with emphasis on observation, reasoning and data processing. Students will also engage in engineering activities through robotics, designing and testing mechanical structures, developing computational models of the climate based on existing data, and researching a variety of technological advancements. Both Next Generation Science Standards as well as excerpts from Pope Francis Laudato Si will be explored. Through oral and written discourse, students will often be required to communicate and/or defend scientific ideas and engineering design decisions to an audience of their peers.

**Biology**
1 credit
Prerequisite: Completion of Advanced Integrated Science; departmental approval required
Open to grade: 10

**Course Description:** This course covers cell structure and function, genetics and heredity, evolution and classification, diversity of living organisms, and ecology. This course provides an opportunity for students to develop scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will be expected to engage in scientific questioning and collect and analyze data. Students will explore biological science as a process.
Honors Biology
1 credit
Prerequisites: 92% or higher in Advanced Integrated Science and English; Review of Standardized Test Scores; Departmental approval required
Open to grades: 9, 10

Course Description: This course covers cell structure and function, genetics and heredity, evolution and classification, and ecological interactions within the biosphere. This course provides an opportunity for students to develop scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will demonstrate an understanding of these concepts by using various representations and models to communicate scientific phenomena and solve scientific problems. Students will be expected to use mathematics appropriately, engage in scientific questioning to extend thinking or to guide investigations, plan and implement data collection strategies, perform data analysis, evaluate evidence and connect and relate their knowledge across various biological scales and concepts. This course covers the same content as Biology, differing only in emphasis, pace, performance, expectations and level of student responsibility. Honors Biology students are expected to spend at least 25 minutes each day outside of class studying and have no more than 9 absences per semester.

AP Biology
1 credit
Prerequisites: 90% or higher in Honors Biology and Honors Chemistry; 95% or higher in Biology and Chemistry; departmental approval required
Open to grades: 11, 12

Course Description: Students in AP Biology will attain college-level competence and understanding in dealing with biological problems. AP Biology is structured around the following big ideas: how the process of evolution drives the diversity and unity of life, how biological systems utilize free energy and molecular building blocks, how living systems store, retrieve, transmit and respond to information essential to life processes, and how biological systems interact. Students will demonstrate an enduring understanding of these concepts by using various representations and models to communicate scientific phenomena and solve scientific problems. Students will be expected to use mathematics appropriately, engage in scientific questioning to extend thinking or to guide investigations, plan and implement data collection strategies, perform data analysis, evaluate evidence and connect and relate their knowledge across various biological scales and concepts. This course is designed to cover all the learning objectives in the AP Biology Curriculum Framework. AP students are expected to spend at least 5 hours per week in unsupervised study and have no more than 9 absences per semester. AP Students are required to take the AP Exam.
**Anatomy/Physiology**

1 credit  
Prerequisites: 80% or higher in Biology and/or Chemistry; attendance patterns will be reviewed;  
Departmental approval required  
Open to grades: 11, 12 *priority given to seniors

**Course Description:** This course presents the anatomy and functions of the human body. It is presented through a unit of method covering the skeletal, muscular, nervous, respiratory, circulatory, digestive, integumentary, endocrine, excretory, and reproductive systems. Knowledge presented in this course will be helpful for students considering a career in medicine, nursing, and their health-related fields. *An anatomical dissection of a cat is an integral and required part of this course.*

**Chemistry**

1 credit  
Prerequisites: Completion of Biology; Math placement considered; departmental approval required  
Open to grades: 10, 11, 12

**Course Description:** This course will allow students to develop a basic knowledge and understanding of the concepts of chemistry. Students will engage in laboratory activities designed to explore and enhance chemical concepts. Topics covered are chemical formulas and equations, modern atomic structure, periodic law, chemical bonding, molecular structure, phases of matter, mole concept, stoichiometry, and behavior of gases.

**Honors Chemistry**

1 credit  
Prerequisites: 90% or higher in Algebra 1, 90% or higher in Honors Biology, 95% or higher in Biology, departmental approval required  
Open to grades: 10, 11, 12

**Course Description:** This course is designed for the college-bound student who plans on further scientific study. It will provide the student with a fundamental background in chemistry, enhanced by laboratory activities. Topics covered are atomic theory, the periodic law, chemical bonding, chemical reactions, acid-based theory, phase theory, gas laws, solutions, and equilibrium.
AP Chemistry *(offered alternate years)*
1 credit
Prerequisites: 90% or higher in Honors Biology; 94% or higher in Chemistry; 90% or higher in Honors Chemistry; and Math at minimum concurrent with Algebra II/Trigonometry; Departmental approval required
Open to grades: 10, 11, 12

**Course Description:** Students in AP Chemistry will attain college level competence and understanding in dealing with chemical problems. AP Chemistry is intended to expose students to sophisticated chemical principles and concepts and fundamental laboratory technique. The central objective of the course is for students to connect the macro scale (the scale at which they observe phenomena) to the nanoscale (the scale at which atoms and molecules interact). Students will demonstrate that they can make these connections symbolically, graphically, and mathematically throughout the year. Students will be expected to synthesize and apply their knowledge, rather than memorize a mountain of facts. This course is designed to cover all the learning objectives in the AP Chemistry Curriculum Framework. *AP students are expected to spend at least 5 hours per week in unsupervised study and have no more than 9 absences per semester. AP Students are required to take the AP Exam.*

Physics
1 credit
Prerequisites: 77% or higher in Chemistry and Algebra II/Trigonometry; Departmental approval required
Open to grades: 11, 12

**Course Description:** This course will allow students to develop an understanding of physics in the world and the universe around them through the learning of mechanics, electricity and magnetism. Students will use their mathematical skills to problem-solve and analyze data gathered in laboratory situations. Classroom activities will be analyzed using Newton’s laws and conservation of energy. A component of the course will also focus on static equilibrium and static electricity. As time permits, modern physical theories will be explored.

AP Physics I
1 credit
Pre/Co-requisite: 92% or higher in Chemistry and Algebra II/Trigonometry; Departmental approval required
Open to grades: 11, 12

**Course Description:** A year-long course designed to be the equivalent of a first-semester college course in algebra-based physics. This course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, mechanical waves, and sound. Electrical circuits will also be introduced. *AP Students are required to take the AP Exam.*
Pre-Engineering
1 credit
Open to grades: 10, 11, 12

Course Description: This course is an introduction to engineering and will provide students with an overall view of the main principles of engineering. It includes an introduction to engineering design process and resource design tools through team projects that require creativity, collaboration, engineering analysis, and computational tools. Reading, lectures, and discussions also examine the areas of technology in society and engineering ethics. 3-D printing and various software tools are introduced and used to help the student achieve an authentic experience in their first exposure to the field of engineering.
Program Goal:

Students will exercise the rights and responsibilities of their Catholic faith and of participatory citizenship by:

- Possessing a comprehensive knowledge base in social studies encompassing historical, geographic, civic, economic, psychological and sociological perspectives.
- Demonstrating the skills needed to acquire, organize, and use information and to be an ethical decision-maker in an ever-changing world.
- Utilizing their faith to acknowledge and respect the value of others and society through democratic and religious perspectives.
- Accepting the responsibility to see, care and act on issues in the community, nation and the world.

Incorporating the seven principles of Catholic social teaching into each course.

Social Studies Department Offerings:

- World Geography A/B
- World History
- AP World History
- US History
- AP US History
- Economics
- AP Macroeconomics
- Government
- AP Government and Politics
- Psychology
- AP Psychology
- Aquinas College - Intro to Sociology (SY 101)

*Students who wish to pursue an AP track or are considering 4 years of Social Studies are strongly encouraged to begin their coursework in 9th grade.*
**World Geography A/B**  
½ credit/1 credit elective  
Prerequisite: None, No signature required  
Open to grades: 9, 10, 11, 12

**Course Description:** World Geography is a comprehensive study of the physical, political, economic, historical and cultural make-up of the various regions of the globe. Students will gain a greater understanding of the differences among people, the interdependent relationships among nations, and insight into global issues. Skills in reading a variety of maps, satellite imagery, and statistical data are developed and practiced. While this class is open to 9 – 12 grades, it is strongly encouraged that underclassmen take this course as a foundation to their history and government courses.

**World History**  
1 credit elective  
Prerequisite: None, No signature required  
Open to grades: 9, 10

**Course Description:** This course is a general survey of historical events beginning with the origin of man and continuing through modern civilization. Topics include Prehistoric Man, Ancient & Classical Civilizations of the East and West, the Middle Ages, Renaissance/Reformation, Scientific Revolution, Age of Exploration, and the Emergence of World Powers. Religion, art, culture and patterns of thought will be discussed. This class is highly recommended as a foundation for studies in other disciplines as well as the social studies curriculum.

**AP World History**  
1 credit elective  
Prerequisite: 85% overall standardized test score, Honors English or superior performance in English course work; recommendation of English/Social Studies teacher.  
Open to grades: 9, 10

**Course Description:** Advanced Placement World History is a challenging full year course that is structured around the investigation of selected themes woven into key concepts covering distinct chronological periods. AP World History is equivalent to an introductory college survey course. The course has a three-fold purpose. First it is designed to develop skills of analysis and thinking in order to prepare students for success in the twenty-first century. Second it is designed to prepare students for successful placement into higher-level history courses. Finally, it is the intent of this class to make the learning of world history an enjoyable experience. Students are required to take the AP World History exam in May.
**US History**
1 credit required
Prerequisite: (recommended) World History, AP World History or World Geography
Open to grades: 10, 11

**Course Description:** This is a year-long course in basic American History, surveying systematically the events that led to the development of the United States. To this end, we will begin with a review of events from Christopher Columbus to the Civil War. Emphasis will then shift to the post-Reconstruction Era. The political, economic, and social aspects of American life will be considered.

**AP US History**
1 credit elective; fulfills grade 11 U.S. History requirement
Prerequisite: H-English Department recommendation required Standardized test scores considered.
Open to grades: 10, 11, 12

**Course Description:** This is an accelerated and enriched program for highly motivated students who would like to pursue the study of American History in depth. It will be the equivalent of a full-year college history course. The students will receive a thorough treatment of the facts as well as their significance: context, causes, and results. Emphasis will be placed on reading primary historical material analytically and critically, the weighing of historical evidence and interpretations, and the arriving at conclusions on the basis of fact rather than prejudice. Students will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. **Students are required to take the AP U.S. History exam in May.**

**Economics**
½ credit required
Open to grade 11, 12

**Course Description:** This course studies basic economic theory from a micro and macro perspective. The course will emphasize the relevance that economic theory has to students' everyday lives.
**AP Macroeconomics**

½ credit: Fulfills Grade 12 Economics Requirement
Prerequisite: Honors/AP English concurrent/previous; AP US History/Math standardized test scores.
Department Recommendation Required
Open to grade: 12

**Course Description:** AP Macroeconomics will be an accelerated and in-depth study of economic concepts including scarce resources, resource allocation, opportunity cost and comparative advantage. This course will study indicators and other measurement tools of economic performance and the effects of monetary and fiscal policy on economic conditions. The course will examine macroeconomic conditions using national income and price determinants to show interaction of supply and demand. **Students are required to take the AP Macroeconomics Exam in May.**

**Government**

½ credit required
Prerequisite: US History
Open to grades: 11, 12

**Course Description:** This course is a study of the foundation of the American governmental system. It is intended to provide the student with a basic understanding of the organization and functions of government and the rights and responsibilities of participatory citizens. The legislative, executive, and judicial branches of federal, state, and local governments are studied.

**AP Government and Politics**

1 credit; fulfills grade 12 Government requirement.
Prerequisite: Honors/AP English concurrent/previous; AP U.S. History Instructor Approval required
Open to grades: 11, 12

**Course Description:** This is an accelerated and enriched program to help motivated students study American government in depth. This course studies the general concepts of government and American politics with an emphasis on critical thinking and analytical writing. **Students are required to take the AP Government Exam in May.**
**Psychology**  
½ credit elective  
Prerequisite: None, No signature required  
Open to grades: 11, 12  

**Course Description:** This course is designed to survey the basic principles underlying the science of human behavior, with emphasis on heredity and environment and the various factors which affect the emotional, social and mental development of the person. It examines the different types of modern psychology and then considers their enduring influence upon modern American culture. Additionally, it considers how psychologists seek to explain and to treat disorders such as depression, substance abuse, stress, and eating disorders. This course only counts for general elective credit and cannot be taken toward specified Social Studies requirement.

**AP Psychology**  
1 credit elective  
Prerequisite: Honors English Department Recommendation Required  
Open to grades: 11, 12  

**Course Description:** This is an accelerated and enriched program for self-directed and intrinsically motivated students who would like to examine the major core concepts and theories of psychology. It will be the equivalent of a college Psychology course. Students should learn the basic skills of psychological research, apply psychological concepts to their own lives, develop critical thinking skills and build their reading, writing, and discussion skills. **Students are required to take the AP Psychology exam in May.**

**Aquinas College – Introduction to Sociology (SY 101)**  
3 credits in Sociology from Aquinas College; might meet sociology or general education credit at other colleges  
Open to grades: 11, 12  

**Course Description:** Learn about your own society. This course introduces students to the fundamental concepts and general theories of sociological thought and research. Students will be introduced to the major and to careers the sociology major offers. Students will complete 3(three) hours of participant observation of a community-based initiative, organization or cultural even outside of the classroom.
Technology Department

*Program Goal:*

To develop the life skills necessary to meet the technological and ethical challenges of living and working with technology:

- Organize and evaluate information.
- Design and produce multimedia projects, desktop publishing documents and programs. Communicate (legally and ethically) in our global society.

*Technology Department Offerings:*

- AP Computer Science Principles
- Computer Science Discoveries A/B
- Intro to Python
- Student Technology Innovation and Integration: Catholic Central Help Desk

*AP Computer Science Principles*

1 credit elective
Prerequisite: Algebra 1
Open to grades: 10, 11, 12

*Course Description:*

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world. **Students are required to take the AP Computer Science Principles Exam in May.**
**Computer Science Discoveries A/B**  
½ credit elective  
Prerequisite: None  
Open to grades 9, 10, 11, 12  

**Course Description:** Computer Science Discoveries is an introduction to problem-solving, coding, and the design process. The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices. Students can take A in fall semester and B in spring semester, in any order. This course prepares students to take AP Computer Science Principles in 11th or 12th grade, but is not a pre-requisite.

**Intro to Python**  
½ credit elective  
Prerequisite: CS Discoveries (A or B) or AP Computer Science Principles  
Open to grade: 11 and 12  

**Course Description:** This one semester course builds upon a student’s foundation of basic programming including logical thinking and problem solving skills through the use of conditional structures, functions, looping and variables. Using Python as the programming language, students will enhance their skills by creating, altering and extending data structures through a variety of projects. A highly visual, dynamic and interactive course, it is designed for a high level of engagement for all students.

**Student Technology Innovation and Integration: Catholic Central Help Desk**  
½ credit elective  
Application process  
Open to grades: 10, 11, 12  

**Course Description:** The Student Technology Innovation and Integration course is a hands-on, blended (on-line and in person) course in which students learn the foundations of information technology integration in an organization. Students will be introduced to, practice, and will be assessed on the development of both technical and soft skills while being required to work through daily help-desk problem solving scenarios. In addition to solving problems for students, parents, and teachers, students will be required to initiate, complete, and maintain several running projects that address problems or solutions in educational technology integration. The course also provides students with the opportunity to pursue an independent learning pathway in an IT or Technology Integration related context and develop a project which positively impacts their community. Students will be able to collaborate with outside businesses and organizations as they develop and implement their projects. To be successful in the course, students should have a prior understanding of Apple OS, Microsoft Window OS, and iPad iOS. There is an application process for this course.
Theology Department

Program Goal:

Each Student will:
- Have opportunities to develop a deeper knowledge of the Catholic faith and its relevance throughout their lives.
- Develop a greater love of God and an awareness of the dignity of all people and creation.
- Serve others in response to Christ's call for justice.
- Become people of conscience motivated by the Holy Spirit.
- Share sacramental experiences through liturgy, prayer, and faith sharing.

Theology Department Offerings

- Theology IA: The Revelation of Jesus Christ in Scripture (Introduction to Scripture)
- Theology IB: Who is Jesus Christ (Christology)
- Theology IIA: The Mission of Jesus Christ (The Paschal Mystery)
- Theology IIB: Jesus Christ's Mission Continues in the Church (Ecclesiology)
- Theology IIIA: Life in Jesus Christ (Personal Morality)
- Theology IIIB: Sacraments as Privileged Encounters with Jesus Christ
- Theology IVA: Living as a Disciple of Jesus Christ in Society (Social Justice)
- Theology IVB: History of the Catholic Church
- Science, Faith, and Reason (Elective)
- Catholic Bioethics: On the Life that Gives Light to Life (Elective)

*Course descriptions in line with the USCCB Framework concepts
Christian Service Program

We as Christians are called to live out the Gospel message by serving the needs of others. In order to develop sensitivity to this call of Jesus, the students of Catholic Central High School are invited to get involved in our Christian Service Program during each of their four years.

NOTES: National Honor Society applications in junior or senior year will be evaluated based, in part, on these recommendations for service involvement. Time of service runs June 1 through May 31.

9th Grade: 20 hours, no more than 10 from family or school; the remaining 10 hours from parish and/or community.

10th Grade: 30 hours, no more than 10 from family or school; the remaining 20 hours from parish and/or community.

11th Grade: 40 hours, no more than 10 from family or school; the remaining 30 hours from parish and/or community.

12th Grade: 40 hours, no more than 10 from family or school; the remaining 30 hours from parish and/or community.

Theology IA: The Revelation of Jesus Christ in Scripture (Introduction to Scripture)
½ credit-Required
Open to Grade: 9

Course Description: The purpose of this 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. 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. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

Theology IB: Who Is Jesus Christ? (Christology)
½ credit-Required
Open to Grade: 9

Course Description: The purpose of this 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, the students will also learn who he calls them to be.
**Theology IIA: The Mission of Jesus Christ (The Paschal Mystery)**
½ credit-Required  
Open to Grade: 10

**Course Description:** The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. 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.

**Theology IIB: Jesus Christ’s Mission Continues in the Church (Ecclesiology)**
½ credit-Required  
Open to Grade: 10

**Course Description:** The purpose of this course is to help students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the Living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church, but about the sacred nature of the Church as Christ’s ongoing presence in the world, guided by the Holy Spirit.

**Theology IIIA: Life in Jesus Christ (Personal Morality)**
½ credit-Required  
Open to Grade: 11

**Course Description:** The purpose of this course is to help students understand that it is only through Christ that they can fully live out God’s plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ’s disciples.

**Theology IIIB: Sacraments as Privileged Encounters with Jesus Christ**
½ credit-Required  
Open to Grade: 11

**Course Description:** The purpose of this 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 may encounter Christ throughout life.
Theology IVA: Living as a Disciple of Jesus Christ in Society (Social Justice)
½ credit-Required
Open to Grade: 12

Course Description: The purpose of this course is to acquaint the student with the Church’s social teachings and traditions dealing with justice issues. We will critically analyzing papal encyclicals, episcopal teachings, scripture and tradition while dealing with contemporary issues of social sin. Students will learn how Christ’s concern for others, especially the poor and needy, is present today in the Church’s social teaching and mission.

Theology IVB: History of the Catholic Church
½ credit-Required
Open to Grade: 12

Course Description: During this course, the students will study the 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 course is to supply the students with a general knowledge of the Church’s history from apostolic times to the present. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. The 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.

Science, Faith, and Reason
½ credit-Elective
Open to grades 11 and 12; grade 10 with faculty approval

Course Description: This course surveys evidence from science that supports Christian beliefs, keeping the two disciplines in dialogue with one another. Topics discussed will be, although not limited to, proof of the existence of God, meaning of life, congruence of Scripture and science, evolution vs. creation, metaphysics of creation, and evidence of a soul. This will be done by looking at works of the great scientists, Church Fathers, and classic philosophers. These and other discussions are necessary to equip students for dialogue with our culture.
World Language Department

Program Goal:

In the World Language Department, all students will learn to:

- communicate* in the target language,
- recognize, appreciate and respect the cultures, customs, and traditions of the peoples and regions of the target language and how they relate to the student’s own language and culture,
- understand the structure of the target language and how grammatical structure varies from language to language,
- explore and understand the value and benefits of studying other languages and cultures.

*Communicate in this set of goals means the ability to relay information with the least possible loss of meaning through reading, writing, speaking, and listening.

Freshmen wishing to enroll in Spanish II:
Incoming Freshmen wishing to enroll in Spanish II are required to take an entrance exam in May. Comprehension of dialogues and short articles will be tested. The test results indicate the student’s proficiency in speaking, listening, reading and writing skills in order to proceed to the next level of language learning.

Note: Effective with the Class of 2019, students may fulfill the World Language requirement by:
- Completing two years of one World Language at Catholic Central.
- Fulfilling one credit by completing a CCHS-approved formal career and technical education program (for example, KCTC) and one year of a World Language at Catholic Central.
- Fulfilling one credit by completing a year of Visual or Performing Arts beyond the 1 credit required and one year of a World Language at Catholic Central.
- Testing into the second year of study in a World Language and completing a full year of World Language instruction at Catholic Central.

World Language Department Offerings:

- Chinese – Levels I, II, III and IV
- French – Levels I, II, III and IV
- Spanish – Levels I, II, III, IV and V
**Chinese I**  
1 credit elective  
Prerequisite: None  
Open to grades: 9, 10, 11, 12

**Course Description:** This course is designed to practice basic skills of speaking, listening, reading, and writing in Chinese and to provide an introduction to Chinese culture. The primary goal is to acquire basic skills of using Chinese for communication. Thus, class time will be mainly used for speaking activities. Active participation in class is required. During this course, Mandarin Pinyin Romanization and simplified characters will be used. Culture activities will include practicing calligraphy, celebrating Chinese New Year, making Chinese handicrafts, and making traditional Chinese cuisine. Term projects include creating a family tree, making store ads/coupons in Chinese, building a house, ordering food at a Chinese restaurant etc.

**Chinese II**  
1 credit elective  
Prerequisite: Mandarin Chinese I or equivalent, Course instructor’s recommendation is required. Students should demonstrate novice proficiency in speaking, listening, reading, and writing in Pinyin.  
Open to grades: 9, 10, 11, 12

**Course Description:** Chinese II is a continuation of Chinese I. Students will learn more complex (but commonly used) sentence structures, expand their vocabulary, learn basic Chinese characters, and become more comfortable with speaking and listening in Chinese. The class will continue its exploration of contemporary Chinese culture and its influence on the rest of the world. Culture activities will include practicing calligraphy, celebrating Chinese New Year, making Chinese handicrafts, and making traditional Chinese cuisine. Term projects include researching Chinese public transportation, making a class schedule in Chinese, researching Chinese schools/campuses, traveling to China in different seasons, and creating family life stories etc.

**Chinese III**  
1 credit elective  
Prerequisite: Mandarin Chinese II or equivalent. Course instructor’s recommendation is required. Students should demonstrate novice high proficiency in speaking, listening, reading and writing in Pinyin, novice low in recognizing Chinese characters.  
Open to grades: 9, 10, 11, 12

**Course Description:** Chinese III is a continuation of Chinese II. Students will learn more complex (but commonly used) sentence structures, expand their vocabulary, learn more common Chinese characters, and become more comfortable with speaking and listening in Chinese at intermediate low level. The class will continue its exploration of contemporary Chinese culture and its influence on the rest of the world. Class expectation: more advanced speaking and composition skills.
**Chinese IV (Honors)**
1 credit elective
Prerequisite: Mandarin Chinese III or equivalent. Course instructor’s recommendation is required. Student’s should demonstrate intermediate low proficiency in speaking, listening, reading and writing in Pinyin, novice mid level in recognizing Chinese characters.
Open to Grades: 11, 12

**Course Description:** Honors Chinese IV is a continuation of Chinese III. Students will learn more complex sentence structures, expand their vocabulary, learn more common Chinese characters, and become comfortable and fluent with speaking and listening in Chinese at intermediate mid level. The class will continue its exploration of contemporary Chinese culture and its influence on the rest of the world. Class expectation: more advanced speaking/composition skills.

**French I**
1 credit elective
Prerequisite: None
Open to grades: 9, 10, 11, 12

**Course Description:** This course is designed as an introduction to French language and culture. Students study practical, high frequency vocabulary such as food, clothing, family and sports. Units focus on vocabulary and linguistic structures rather than grammar. The course emphasizes reading and oral communication and incorporates appropriate audio and video programs. Students will also study French cultural expectations and demonstrate an understanding of and tolerance for French and Francophone cultures. Term projects include playing café, creating and presenting a family album, a monument report and putting on a fashion show.

**French II**
1 credit elective
Prerequisite: French I or equivalent, Course instructor’s recommendation is required. Students should demonstrate novice mid proficiency.
Open to grades: 9, 10, 11, 12

**Course Description:** This course builds on the foundation of French I. Students continue their study of practical, everyday vocabulary such as rooms of the house, health and diet, travel and French. Although the course emphasizes reading and oral communication, there is greater emphasis on writing and spelling than in French 1. The major linguistic structures focus on the past. This course also incorporates appropriate audio and video programs. Students continue their study of French cultural expectations and demonstrate a deeper understanding of and tolerance for France (especially its distinct regions) and Francophone cultures. Term projects include a castle report, living in Paris, creating a health club/exercise program, and preparing an Ivorian meal.
**French III**  
1 credit elective  
Prerequisite: French II. Course instructor’s recommendation is required. Students should demonstrate novice high proficiency.  
Open to grades: 10, 11, 12

**Course Description:** Students of French III study more complex vocabulary and grammar such as the future tense and the subjective and conditional moods. Students further deepen their understanding of and tolerance for French and Francophone cultures with a special focus on French-speaking countries in Europe and Africa. Term projects include creating a comic book, making music videos, “vacationing” in a region of France and in Senegal, creating podcasts and creating a children’s book.

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**French IV (Honors)**  
1 credit elective  
Prerequisite: French III. Course instructor’s recommendation is required. Students must demonstrate intermediate low proficiency.  
Open to grades: 10, 11, 12

**Course Description:** This course is designed for students who wish to further perfect their language skills. It is designed as a complete overview of the fundamentals of the French language. Students will read a number of authentic texts in French with a special focus on current events. Term projects include creating a magazine, making music videos, and writing an autobiography.

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**Spanish I**  
1 credit elective  
Prerequisite: None  
Open to grades: 9, 10, 11, 12

**Course Description:** This course is an introduction to Spanish. Basic speaking, listening, writing and reading skills are developed through the study of vocabulary, grammar and Hispanic cultures. By the end of this course, students will have the ability to describe and discuss family, daily activities, weather, various foods and nutrition/eating out, clothing, locations of places and events, and likes and dislikes in the present tense.
**Spanish II**
1 credit elective
Prerequisite: Spanish I or equivalent. Course instructor’s recommendation is required. Students should demonstrate novice mid proficiency.
Open to grades: 9, 10, 11, 12

**Course Description:** During the second year of Spanish, topics covered in Spanish I will be reinforced. The preterite and imperfect tenses are introduced and increased emphasis will be placed on comprehension both in spoken and written form. By the end of this course, students will be able to discuss daily events both in the present and past, and describe these events in written form as well. Students who complete this course with a minimum A- average in all grading categories are eligible for entrance into Spanish III.

**Spanish III**
1 credit elective
Prerequisite: Spanish II. Course instructor’s recommendation is required. Students should demonstrate novice high proficiency.
Open to grades: 9, 10, 11, 12

**Course Description:** In the third year of study, students will be introduced to the future, conditional, and present progressive verb forms and expand their knowledge of preterite vs. imperfect. Listening comprehension and speaking skills will increase as students listen to native speakers and engage in responses with their classmates. Writing and reading skills will continue to be honed as students are exposed to longer authentic and culturally-based written materials and are expected to complete personal, thorough written responses to the themes presented in these materials on a regular basis. (The student should have earned at least a B+ overall to advance to Spanish IV).

**Spanish IV (Honors)**
1 credit elective
Prerequisite: Spanish III. Course instructor’s recommendation is required. Students should demonstrate intermediate low proficiency.

**Course Description:** Spanish IV and V are oriented toward students who have an interest in pursuing the study of Spanish to its highest level at this high school. Students qualified for this class must perform above and beyond expectations, receiving top scores on assessments, class work, homework, and oral participation. A positive attitude towards accomplishment through hard work is required. This course is fast paced and demands not only independent study, but also an optimal ability to speak, listen, read, and write in the target language. Although this is not an AP class, the expectations of the class and materials used are very similar. The study of historical contemporary events, along with cultural themes found in the Spanish-speaking world are important components of this class. Students may choose to take the AP exam upon completion.
**Spanish V (Honors)**
1 credit elective
Prerequisite: Spanish IV. Course instructor’s recommendation is required. Students should demonstrate intermediate mid proficiency.
Open to grades 11, 12

**Course Description:** Spanish V is oriented toward students who have an interest in pursuing the study of Spanish to its highest level at this high school. Students qualified for this class must perform above and beyond expectations, receiving top scores on tests, class work, homework, and oral participation. A positive attitude towards accomplishment through hard work is required. This course is fast paced and demands not only independent study, but also an optimal ability to speak, listen, read, and write in the target language. Although this is not an AP class, the expectations of the class and materials used are very similar. The study of historical contemporary events, along with cultural themes found in the Spanish-speaking world are important components of this class. Students may choose to take the AP exam upon completion.
AP Capstone

About the AP Capstone Program

AP Capstone is an innovative diploma program designed by the College Board that equips students with independent research, critical thinking, collaborative teamwork, and communication skills. AP Capstone is built on the foundation of two AP courses: AP Seminar and AP Research and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP exams will receive the AP Seminar and Research Certificate. AP Seminar may also be taken as a stand-alone option.

The AP Capstone program gives students the chance to develop college-level academic skills and dig deep into subjects they love. It also gives students the chance to distinguish themselves to colleges.

AP Seminar
1 credit elective
Prerequisite: Administrative approval
Open to grades 10, 11 and 12
Note: Successful completion of AP Seminar is required for AP Research placement

This year-long foundational course engages students in cross-curricular conversations that investigate real-world issues from multiple and divergent perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. Using an inquiry framework, students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Students, in collaboration with teachers, have the flexibility to choose appropriate themes that allow for deep exploration based on student interests, local and/or civic issues, global or international topics, and concepts from other AP courses. Students are required to produce a team project and presentation, an individual research-based essay and presentation, and take the AP Seminar exam in May.
AP Research
1 credit elective
Prerequisite: AP Seminar
Open to grade 12

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. Students must have successfully completed the AP Seminar course. **Students are required to take part in the AP Research Assessment.**
Dual Enrollment

Catholic Central High School has entered into an agreement with Aquinas College providing Aquinas College courses on Catholic Central’s campus, fulfilling college credits upon successful completion of the course. Students seeking dual enrollment will complete an Aquinas College Application for Admission and will be required, as a condition of admission, to agree that student records be held by each institution may be shared and available to each institution (see Dual Enrollment Program Description).

*Aquinas College does not use Canvas or Infinite Campus. As a college program, student attendance and grade information is provided to students only.

Aquinas College Dual Enrollment courses are offered at Catholic Central in order to expand our elective offerings, to provide students with additional college-level learning experiences, and provide the opportunity to earn transferrable college credit while attending Catholic Central. Aquinas College is a participant in the Michigan Transfer Agreement. While many Michigan colleges and universities honor the MACRAO Transfer Agreement, some participate in a more limited manner. Students should check with the receiving institution regarding their credit transfer policies.

Additional fee required for these courses. Also, students are responsible for books and materials.

Aquinas College – Business Communication (BS/EH 106)
3 credits (SSI, AP)
Open to grades: 11, 12

Course Description: This course introduces students to effective listening, writing, and presenting skills for business and other professional activities.

Aquinas College – Principles of Management (BS 201)
3 credits (SSI)
Open to grades: 11, 12

Course Description: The focus is on managerial excellence through the study of the origin, history and development of management theory, management processes and managerial decision-making. We will also spend significant time studying good, better and best forms of Leadership. We will explore the importance of verbal, written and non-verbal communications, crisis management, ethical management and why managers succeed and why managers fall. The Principles of Management class will focus on social responsibility, team development, and importance of diversity management. You will leave the vital four functions of management to include planning, organizing, leading and controlling. We will be doing a variety of assessments to include Cengage MindTap (Computer Simulation Activities) quizzes, business analysis team project, real world business case studies and a final exam.
Aquinas College – Principles of Marketing (BS 202)
3 credits
Open to grades: 11, 12

**Course Description:** An introduction to basic marketing concepts, including marketing strategy, pricing, promotional activities, product development, and physical distribution.

Aquinas College – Introduction to Sociology (SY 101)
3 credits in Sociology from Aquinas College; might meet sociology or general education credit at other colleges
Open to grades: 11, 12

**Course Description:** Learn about your own society. This course introduces students to the fundamental concepts and general theories of sociological thought and research. Students will be introduced to the major and to careers the sociology major offers. Students will complete 3(three) hours of participant observation of a community-based initiative, organization or cultural even outside of the classroom.
Interdisciplinary Courses

AP Seminar
1 credit elective
Prerequisite: Administrative approval
Open to grades 10, 11 and 12
Note: Successful completion of AP Seminar is required for AP Research placement

This year-long foundational course engages students in cross-curricular conversations that investigate real-world issues from multiple and divergent perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. Using an inquiry framework, students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Students, in collaboration with teachers, have the flexibility to choose appropriate themes that allow for deep exploration based on student interests, local and/or civic issues, global or international topics, and concepts from other AP courses. **Students are required to produce a team project and presentation, an individual research-based essay and presentation, and take the AP Seminar exam in May.**

AP Research
1 credit elective
Prerequisite: AP Seminar
Open to grade 12

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based, investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in academic paper of approximately 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. **Students are required to take part in the AP Research Assessment.**
**Journalism**
1 credit elective (credit may be repeated)
Prerequisite: A “B” average in English. Submission of application/recommendation and approval of instructor required
Open to grades: 9, 10, 11, 12

**Course Description:** In this course, students work together to organize and produce up to eight issues of the school newspaper, the *Blue and White*. Throughout the year, staff members learn and practice journalistic skills involving research, interviewing, writing, editing, page design and layout, and photography. In addition, students are required to sell advertising. This course can be taken for credit during the sophomore, junior, AND senior years, with opportunities for leadership positions, awards, and specialized roles (such as business management, computer-assisted page design, and photography). Academic success on the newspaper staff requires a strong work ethic and sense of responsibility, as well as a commitment to excellence in terms of deadline completion and attention to detail.

**Science, Faith, and Reason**
½ credit-Elective
Open to grades 11 and 12; grade 10 with faculty approval

**Course Description:** This course surveys evidence from science that supports Christian beliefs, keeping the two disciplines in dialogue with one another. Topics discussed will be, although not limited to, proof of the existence of God, meaning of life, congruence of Scripture and science, evolution vs. creation, metaphysics of creation, and evidence of a soul. This will be done by looking at works of the great scientists, Church Fathers, and classic philosophers. These and other discussions are necessary to equip students for dialogue with our culture. **This course helps students meet requirements for STEAM Designation.**

**Yearbook**
1 credit elective
Prerequisite: Submission of an essay/application and permission of yearbook advisor required
Open to grades: 9, 10, 11, 12

**Course Description:** This course offers students the opportunity for involvement in every facet of yearbook production, including writing, photography, editing, layout-design, and advertising, as they work together to produce CC’s annual publication, *Spires*. Academic success on the yearbook staff requires a strong work ethic and sense of responsibility, as well as a commitment to excellence in terms of deadline completion and attention to detail. Students also are required to sell advertising. This course can be taken for credit during the sophomore, junior, AND senior years, with opportunities for leadership positions.
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<td>Chinese II</td>
<td>Chinese II</td>
<td>Chinese II</td>
<td>Chinese II</td>
</tr>
<tr>
<td>Chinese III</td>
<td>Chinese III</td>
<td>Chinese III</td>
<td>Chinese III</td>
<td>Chinese III</td>
</tr>
<tr>
<td>French I</td>
<td>French I</td>
<td>Chinese IV(Honors)</td>
<td>Chinese IV(Honors)</td>
<td></td>
</tr>
<tr>
<td>French II</td>
<td>French II</td>
<td>French I</td>
<td>French I</td>
<td></td>
</tr>
<tr>
<td>Spanish I</td>
<td>French III</td>
<td>French II</td>
<td>French II</td>
<td></td>
</tr>
<tr>
<td>Spanish II</td>
<td>French-IV(Honors)</td>
<td>French III</td>
<td>French III</td>
<td></td>
</tr>
<tr>
<td>Spanish III</td>
<td>Spanish I</td>
<td>French-IV(Honors)</td>
<td>French-IV(Honors)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spanish II</td>
<td>Spanish I</td>
<td>Spanish II</td>
<td></td>
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<tr>
<td></td>
<td>Spanish III</td>
<td>Spanish II</td>
<td>Spanish II</td>
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<td>Spanish III</td>
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</tr>
<tr>
<td></td>
<td>Spanish IV(Honors)</td>
<td>Spanish IV(Honors)</td>
<td>Spanish IV(Honors)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Spanish V(Honors)</td>
<td>Spanish V(Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cross-Disciplinary</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AP Capstone</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP Seminar</td>
<td>AP Seminar</td>
<td>AP Seminar</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>*AP Chemistry offered in 2020/2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Courses are subject to change prior to August 2020
<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>CATHOLIC CENTRAL</th>
<th>RECOMMENDED COLLEGE</th>
<th>NCAA CORE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
<td>4 credits</td>
<td>4 years</td>
</tr>
<tr>
<td>Theology</td>
<td>4 credits</td>
<td>Not Required</td>
<td>Not Required</td>
</tr>
<tr>
<td>Math</td>
<td>4 credits</td>
<td>4 credits including Alg. II</td>
<td>3 years (check with Guidance for qualifying courses)</td>
</tr>
<tr>
<td>Science</td>
<td>3 credits</td>
<td>4 credits</td>
<td>2 years of natural/physical science (1 year of lab if offered)</td>
</tr>
<tr>
<td>Social Science</td>
<td>3 credits</td>
<td>3 credits</td>
<td>2 years</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1/2 credit (2 years of Band may be substituted)</td>
<td>Not Required</td>
<td>Not Required</td>
</tr>
<tr>
<td>Health</td>
<td>1/2 credit</td>
<td>Not Required</td>
<td>Not Required</td>
</tr>
<tr>
<td>Electives</td>
<td>2 credits</td>
<td>5-7 credits</td>
<td>4 years (Any of the following: English, Math, Science, Social Science, World Language or Comparative Religion/Philosophy)</td>
</tr>
<tr>
<td>World Language</td>
<td>2 credits (see “note” on pg 42)</td>
<td>2-4 credits</td>
<td>Not Required</td>
</tr>
<tr>
<td>Visual Performing and Applied Arts</td>
<td>1 credit</td>
<td>Not Required</td>
<td>Note: Also required, 1 additional year of English, Math or Natural/Physical Science.</td>
</tr>
<tr>
<td>TOTAL</td>
<td>24 credits</td>
<td>22-26 credits</td>
<td>16 Core-Course Requirements</td>
</tr>
</tbody>
</table>

*Any student applying to Division 1 NCAA should see their counselor for up to date current course options*
General Information
A. **GRADUATION REQUIREMENTS**

In compliance with the requirements set by the Cognia accreditation process and those of the Catholic Central School Board, Catholic Central High School requires the following credits for graduation. One credit is one full year of successful work in a course or subject.

**Requirements for a Catholic Central High School Diploma**

Minimum of 24 Credits

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religion</td>
<td>4</td>
</tr>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>World Language*</td>
<td>2</td>
</tr>
<tr>
<td>Health/Phys Ed**</td>
<td>1</td>
</tr>
<tr>
<td>Visual, Performing &amp; Applied Arts***</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
</tr>
</tbody>
</table>

With Administrative approval, alternatives and exceptions may be considered to Catholic Central High School curricular policies in order to meet students’ documented academic needs.

**Effective with the Class of 2019,** students may fulfill the World Language requirement by:
- Completing two years of one World Language at Catholic Central.
- Fulfilling one credit by completing a CCHS-approved formal career and technical education program (for example, KCTC) and one year of a World Language at Catholic Central.
- Fulfilling one credit by completing a year of Visual or Performing Arts beyond the 1 credit required and one year of a World Language at Catholic Central.
- Testing into the second year of study in a World Language and completing a full year of World Language instruction at Catholic Central.

**Students may waive one semester of the required Physical Education requirement by successfully completing a CCHS athletic program, participating in band for two years, or by successfully completing 90 hours of athletic instruction/practice/competition of a pre-approved non-school program related to physical education/athletics/recreation under the supervision of a teacher/coach/personal trainer in an eighteen week period of time. The Guidance Department will counsel registrants regarding this policy. (Health is required and may be completed in 10th grade.)**

**Visual, Performing & Applied Arts may include, but may not be limited to, credits earned in the Technology and Fine Arts Departments, or through successful completion of classes such as Oral Communication, Yearbook and Journalism. Online courses, with the approval of the administration may also be considered for this requirement and may also be used to fulfill a requirement in another discipline.**
Catholic Central High School Michigan Merit Diploma

Students earning this diploma meet the graduation requirements of a Catholic Central High School Diploma with the following exceptions:

- With Administrative approval, alternatives and exceptions may be considered to Catholic Central High School curricular policies in order to meet students’ documented academic needs.
- More than twelve (12) credits with a modified curriculum designed to meet students’ documented academic needs.

College Board Advanced Placement Capstone Diploma

Students who earn a 3 or higher in both AP Seminar and AP Research, and who also earn a 3 or higher in any four additional AP courses, will be awarded an Advanced Placement Capstone Diploma granted by the College Board.
B. **GRADING PROCESS**

1. **Grade Explanation:**
   - A grade of “A” indicates mastery of the subject, as well as maturity of action and response.
   - A grade of “B” indicates fulfillment of all requirements, as well as a quality of work which is considerably above average.
   - A grade of “C” indicates achievement of average quality.
   - A grade of “D” indicates the lowest passing mark; the quality of work shows little achievement beyond the minimum requirement.
   - A grade of “E” indicates failure to complete the minimum essentials required. To obtain credit in a required course, and thus meet graduation requirements, the student must repeat the course.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Minimum</th>
<th>Percent</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>97-100</td>
<td>4.0</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>93-96</td>
<td>4.0</td>
<td></td>
</tr>
<tr>
<td>A-</td>
<td>90-92</td>
<td>3.7</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>87-89</td>
<td>3.4</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>83-86</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>80-82</td>
<td>2.7</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>77-79</td>
<td>2.4</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>73-76</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>70-72</td>
<td>1.7</td>
<td></td>
</tr>
<tr>
<td>D+</td>
<td>67-69</td>
<td>1.4</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>63-66</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>D-</td>
<td>60-62</td>
<td>.70</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>0-59</td>
<td>0.0</td>
<td></td>
</tr>
</tbody>
</table>

2. **Report cards** are compiled four times a year and are posted on Infinite Campus.
   a) Quarter grades are not posted to the permanent record. They are intended to inform students and parents about student progress. Quarter grades represent 40% of the semester grade.
   b) First semester grades consist of the grade for both first and second quarter and the grade from a comprehensive final exam which counts for 20%. Only the final semester grade is recorded on the student’s permanent transcript and used to calculate the cumulative grade. Second semester grades consist of the grade for the third and fourth quarter and the student’s exam grade. Only the final semester grades are posted on the transcript. The cumulative GPA is then recalculated after each semester.
3. **Incomplete** - A student who receives an Incomplete in a class is responsible for working with the teacher to determine what is missing. Generally, an incomplete grade must be made up within ONE week of the end of the marking period. Extensions may be given with the approval of the teacher and the Assistant Principal. When students are missing grades due to excused absences, the teacher will set a reasonable date by which all make up work must be completed. If a student does not make up the work by the assigned date, the teacher is to record a zero for all work not completed.

4. **Academic Progress** – Academic progress is reflected in grades that are updated weekly and posted each quarter and semester. Students and parents are encouraged to review academic progress regularly.

5. **Suspension** – A student is suspended from participation in school for a serious or continuous breach of school rules. The administration may suspend students if their conduct or influence is considered unsatisfactory. Parents will be informed of the reason(s) for and the length of the suspension. Students are responsible for all classroom material covered during the suspension. A student’s quarter grade will be reduced by 2 points for each day a student missed due to the suspension. For example, a one-day suspension would reduce a quarter grade of 80%, to a 78%. Students are not permitted to attend Catholic Central events during suspension period.

6. **Bonus Points** – Honors and AP courses receive a .018 add-on per ½ credit hour in computing the GPA (see chart of courses on page 69).

C. **ACADEMIC CREDIT**

1. A transcript is the record of grades and is sent to colleges and institutions when applying for admission. An official transcript is one delivered, by request of the student and/or parent, to a college or institution with the school seal. An unofficial transcript is one delivered by request to the student and/or parent.

2. **AP Courses** – If enrolled in an AP course, students must take the AP exam for the course. This is a requirement of enrollment in the AP course. Families who may require financial assistance regarding the cost of the AP exam should contact the Business Office.

3. **Early College** – A student who wishes to take early college courses for which the school does not offer an equivalent course must submit a written request signed by the parent stating the reason for the request and giving a brief description of the classes to be taken. This request must be submitted when a student submits his/her course requests for the upcoming year. The request will be reviewed by a committee consisting of the counselor, Department Head, and Assistant Principal. The committee will grant or deny the request (see Dual Enrollment). Grades for these courses are not computed in the student’s cumulative GPA.

4. **Independent Study** – When a student is enrolled on a regular basis at Catholic Central High School:
   a) Independent Study is offered on an exception basis, usually due to a scheduling conflict.
   b) Prior approval from the Assistant Principal is required in order to earn credit for an independent study.
   c) A maximum of one course (.5 credit) per semester, is allowed, and a student may earn up to a total of four (4) credits for independent study.
d) Credit will be granted for independent study courses not supervised by a Catholic Central High School faculty member only if the independent study is conducted by a recognized and Catholic Central-approved high school program. All costs for this independent study course, including on-line courses, will be assumed by the family.

e) Students enrolled in the AP Capstone Program at Catholic Central may take part in research opportunities and/or internships for independent study credit after receiving prior approval from the Assistant Principal.

5. **Credit Recovery** - Students who fail a course are responsible to meet with their counselor and enroll in approved courses for required credit recovery. Summer school information is available in the Guidance Office. There are additional tuition costs for credit recovery and full payment is required at the time of registration. The credit recovery program only allows the student to remediate failed course content and earn a passing credit. No grade will be issued nor will points be added to the student’s cumulative GPA. Credit recovery courses are pass/fail credit only.

   a) A course that is repeated at Catholic Central, because of a failure and receives a passing grade when retaken, will appear on the permanent record. The passing grade will replace the original failing grade in determining the GPA. If a course is repeated outside Catholic Central, the course and credit will be listed on the transcript. The credit will count toward the total required for graduation, but the grade in the repeated course will not replace the original failure, and the grade will not be computed in the cumulative grade point average.

   b) Course(s) failed in Theology must be repeated through a credit recovery program the following summer. It is the student’s responsibility to register/pay for course recovery through the Theology Department upon completion. Students must complete their Theology credit and submit their work to Catholic Central High School by August 1st.

6. **Replacement Credit**

   a) In order to receive replacement credit, the course must be retaken within one year.

   b) In order to receive replacement by retaking a course, permission must be granted by the administration prior to the beginning of the semester. Generally, such permission will be given if the original grade was C+ or lower or if an educational need is apparent.

   c) When a replacement credit is given, the grade of the record will be the replacement grade.

   d) Exception: Transfer student academic status will be determined upon enrollment at CCHS.

   e) A student who takes outside courses without approval or takes particular classes outside CCHS simply for enrichment can have final grades recorded on the permanent transcript but will not be given CCHS credit.

7. **Grading Irregularities** – Alternative cases of granting credit/no credit are at the discretion of the school administration. With Assistant Principal approval, students with academic challenges may be given credit/no credit grades at Catholic Central High School. Students with extended absences due to medical circumstances should discuss alternative credit options with their guidance counselor.
1. Each student must carry a **minimum of seven (7)** subjects per year. All students must remain in the school building throughout the school day, unless approved by the administration. A required course is one designated as such in the CCHS Curriculum Guide and must be successfully completed to receive a Catholic Central diploma.

2. Four years of participation in a **Theology class** offered at Catholic Central High School is required of all students who attend Catholic Central High School.

3. **Schedule changes** are made only through a formal procedure denoting departmental, parental, counselor, and administrative permission. Some electives may place considerable demands on students. It is imperative that students and parents familiarize themselves with the demands of course selections before course registration. Class changes can cause serious disruptions to the order of the school. Teacher hiring and assignment decisions are made on the basis of course selections in the spring. Changes, therefore, will only be made for very serious reasons. If a schedule is not complete, required subjects are not included, or if a class was assigned that wasn’t selected by the student, a request should be made to correct the situation. Students must remain in currently assigned classes until they receive written add/drop notification.

4. **Dual Enrollment:** Catholic Central High School offers two forms for dual enrollment: on-site and off-site at local colleges and universities. Public Act 160 (1996) and Public Act 258 (2000) that created the Postsecondary Enrollment Options Act, directs school districts including nonpublic schools to assist students in enrolling in postsecondary coursework paid for by the State of Michigan. The following are some of the eligibility guidelines:

- Students in grades 9 through 12 may take up to ten postsecondary courses.
- Students can qualify for dual enrollment by taking one of the following assessments and earning a minimum qualifying score: PSAT, ACT or SAT
- 388.155 Rule 5 (2) The acts do not prohibit a district from supporting any pupil regardless of eligibility under these acts. A district may elect to support college level courses or career preparation courses for any pupil if it is in the best interest of the pupil.
- Students must be enrolled in both the eligible school (public or private) and eligible postsecondary institution during the local school’s regular academic year and must be enrolled in at least one high school class.
- The college courses cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education.
- College courses can only be taken for postsecondary credit.
- College courses cannot be a course already offered at Catholic Central High School or a course that meets CCHS graduation requirements.
The State of Michigan will pay an amount equal to the prorated percentage of the statewide pupil-weighted average foundation allowance, based on the proportion of the school year that the eligible student attends the eligible postsecondary institution. Eligible charges include tuition and mandatory course fees, material fees, and registration fees required by an eligible institution for enrollment in the course. Eligible charges do not include transportation or parking costs or activity fees. The student is responsible for any expense not otherwise met by the state funding.*

*Note: Our partnership with Aquinas College offers CCHS students the opportunity to complete Dual Enrollment courses, offered on our campus to our students, at a reduced-rate tuition plus the cost of textbook and course materials.

a) On-Campus: Catholic Central High School has entered into an agreement with Aquinas College to provide Aquinas College courses on the CCHS campus, fulfilling both high school requirements and college credits upon successful completion of the courses. Students seeking dual enrollment will complete an Aquinas College Application for Admission and will be required, as a condition of admission, to agree that student records held at each institution may be shared between and available to each institution. Deadlines for withdrawal from the Aquinas College classes will be the same as those posted in the official Aquinas College calendar for Fall and Spring semesters. Enrolled students are responsible for Aquinas College’s reduced-rate tuition not reimbursed by the State of Michigan to Aquinas College, and are responsible for purchase of required textbooks and all other course materials. Dually-enrolled students are held to the student conduct policies of Aquinas College in addition to CCHS student conduct policies. Courses will be taught in accordance with college practices and policies and according to the department syllabus and student learning outcomes for that course. Courses will meet according to an established schedule consistent with course credit hours. This schedule will be provided to all students in the first week of class. Traditional Aquinas College students may utilize the CCHS campus offerings if there is additional space. CCHS will screen potential non-CCHS students before welcoming them on campus. Aquinas Dual Enrollment courses will blend in-person instruction and interactive, online learning experience, tailored to our schedule.

b) Off-Campus: Credits earned from outside Catholic Central High School to be applied to a CCHS diploma are carefully considered in light of our mission and purpose and are limited. A student who wishes to take a college-level non-AP course for which the school does not offer an equivalent course is required to seek the approval of parents, Department Head, Counselor and Administration. Any courses required for graduation must be taken at Catholic Central. Courses will be approved only if they are not offered in our curriculum or an exception is made due to a scheduling conflict. Students requesting dual enrollment must have earned a 3.0 grade point average with exception of courses completed at KCTC or Lake Michigan Academy. Under current legislation, The Michigan Department of Treasury may pay all or a portion of the tuition for a post-secondary course. Credit received will be post-secondary, unless the course is considered a non-essential elective course. Fees incurred for outside coursework are the responsibility of the student; CCHS tuition will not be discounted unless an exception is made by the Business Office.
5. **Withdrawal from School:** Students who withdraw from school do so through the Administration and Guidance Department. They must do so in person. Before a transcript of records can be released, the student must not have outstanding obligations in classes (all books and materials turned in), the library, or any other place where school materials have been used. All tuition and fees must be paid in full. An exit form signed by the student, parent, and administrative representative must be completed.
A GUIDE FOR THE COLLEGE-BOUND STUDENT ATHLETE

To practice and play as a freshman at an NCAA Division I college, the student-athlete must satisfy the requirements of NCAA Bylaw 14.3, commonly known as Proposition 48. Bylaw 14.3 requires the student-athlete to:

Graduate from high school;

Successfully complete a core curriculum of at least 16 academic courses (for specific distribution contact the NCAA Clearinghouse) or your counselor, and attain a grade point average and achieve a combined score on the SAT verbal and mathematical sections or highest scores achieved on the individual tests of the ACT based on the following index scale:

<table>
<thead>
<tr>
<th>Core Grade</th>
<th>Minimum Required SAT</th>
<th>Required ACT Sum of Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.550 &amp; above</td>
<td>400</td>
<td>37</td>
</tr>
<tr>
<td>3.525</td>
<td>410</td>
<td>38</td>
</tr>
<tr>
<td>3.5</td>
<td>430</td>
<td>39</td>
</tr>
<tr>
<td>3.475</td>
<td>440</td>
<td>40</td>
</tr>
<tr>
<td>3.450</td>
<td>460</td>
<td>41</td>
</tr>
<tr>
<td>3.425</td>
<td>470</td>
<td>41</td>
</tr>
<tr>
<td>3.4</td>
<td>490</td>
<td>42</td>
</tr>
<tr>
<td>3.375</td>
<td>500</td>
<td>42</td>
</tr>
<tr>
<td>3.35</td>
<td>520</td>
<td>43</td>
</tr>
</tbody>
</table>

For complete scale, please see your counselor or go to www.eligibilitycenter.org and click on “Student Athletes & Parents”.

In Division II, freshman student-athletes must:

Graduate and attain a grade point average of 2.2 (on a 4.0 scale) in a successfully completed core curriculum of at least 16 academic courses, and earn the ACT/SAT score matching your core-course GPA on the Division II sliding scale.

IMPORTANT POINTS:

- These requirements will not apply to NCAA Division III institutions, where eligibility for financial aid, practice and competition will continue to be governed by institutional, conference and other NCAA regulations.

- This legislation establishes a minimum standard for athletic eligibility. It is not a guide to a student’s admission to the institution. Under NCAA legislation, a student’s admission is governed by the regularly published entrance requirements of each college.
## CATHOLIC CENTRAL HIGH SCHOOL
### NCAA Approved Core Courses

<table>
<thead>
<tr>
<th><strong>English</strong></th>
<th><strong>Science</strong></th>
<th><strong>Additional Core Courses</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>English I</td>
<td>Advanced Integrated Science</td>
<td>Chinese I, II, III</td>
</tr>
<tr>
<td>Honors English I</td>
<td>Biology</td>
<td>Honors Chinese IV</td>
</tr>
<tr>
<td>English II</td>
<td>Honors Biology</td>
<td>French I, II, III</td>
</tr>
<tr>
<td>Honors English II</td>
<td>AP Biology</td>
<td>Honors French IV</td>
</tr>
<tr>
<td>English III</td>
<td>Anatomy/Physiology</td>
<td>Spanish I, II, III</td>
</tr>
<tr>
<td>AP English Lang &amp; Comp.</td>
<td>Chemistry</td>
<td>Honors Spanish IV</td>
</tr>
<tr>
<td>English IV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP English Lit and Comp</td>
<td></td>
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</tr>
<tr>
<td>Debate</td>
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<tr>
<td>Creative Writing</td>
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<tr>
<td>Mythology</td>
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<tr>
<td>Oral Communication</td>
<td>Social Science</td>
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<tr>
<td>World Geography</td>
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<tr>
<td><strong>Mathematics</strong></td>
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</tr>
<tr>
<td>Algebra I</td>
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<tr>
<td>Advanced Algebra I</td>
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<td></td>
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<tr>
<td>Geometry</td>
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<td>Honors Geometry</td>
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<tr>
<td>Algebra II</td>
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<tr>
<td>Algebra II/Trig</td>
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<td>Honors Algebra II/Trig</td>
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<tr>
<td>Analysis</td>
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</tr>
<tr>
<td>Pre-Calculus</td>
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</tr>
<tr>
<td>Honors Pre-Calculus</td>
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<td>AP Statistics</td>
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The Kent Career/Technical Center (KCTC) is an educational service of the Kent Intermediate School District. The center provides students with quality training in over 30 career and technical programs which include core technical training, academic integration and alignment with post-secondary education. Upon completion of their training, students are assisted by counselors and work-based learning coordinators in finding employment and in exploring further educational opportunities.

Juniors and Seniors may enroll in a program offered at Kent Career/Technical Center. CC Students may attend the first session (6:55 a.m.-9:30 a.m.) and return to school in time for their 3rd hour class; they must provide their own transportation. Most KCTC courses for students are designed as one-year programs.

Prospective students are strongly encouraged to visit KCTC during their 1st semester and attend a session in their program of interest before making an enrollment decision in March. Arrangements for these visits are made through the Guidance Office at Catholic Central.

For more information visit us at www.thetechcenter.org

HONORS ENROLLMENT CRITERIA

Grand Rapids Catholic Secondary Schools offer Advanced, Honors, and AP level courses that provide an exceptional academic challenge for those students who desire it and whose classroom performance and/or ability indicates that such placement would be appropriate. When making the determination of placement into an Advanced, Honors, or AP level course, the following factors are given consideration:

- Student's desire to enroll in the course
- Student's previous academic performance (in general and in the specific/related content areas)
- Student's ability as determined by a recent standardized instrument
- Student's academic achievement as measured by a recent standardized instrument
- Current and/or previous teacher's evaluation (including 7th/8th grade teacher evaluation)
- Parental input and support
- Number of spaces available per session of a course
- Current placement procedures by department
AP ENROLLMENT CRITERIA

The Advanced Placement Program (College Board) is a cooperative, educational endeavor between secondary schools and colleges and universities. It allows high school students to undertake college level academic learning in AP courses and gives them the opportunity to show that they have mastered the advanced material by taking AP exams. Students have the opportunity to receive credit for high school and/or from thousands of colleges and universities that participate in the Advanced Placement Program. Catholic Central High School offers 14 advanced placement courses.

Advanced placement courses make substantial academic demands on students. Most are full-year classes. Students are required to do considerable outside reading and other assignments to demonstrate the analytical skills and writing abilities expected of first-year students in a strong college program. This experience helps students develop the intellectual skills and self-discipline they will need in college.

In May, those students who are enrolled in an AP course must take the Advanced Placement Examination. The multiple choice portions of the exams are scored by computer, and the free response sections are scored by college and school consultants at the AP Reading in June. Grade reports are sent to students, schools, and colleges in July.

Requirements for Taking Advanced Placement Courses

Students should refer to the Catholic Central High School Curriculum Guide Department Course Listings for the requirements needed to be placed in an Honors or Advanced Placement Course.

AP Tests

All students who are enrolled in Advanced Placement classes are required to take the AP test in those subject areas. There is a fee for each test and each student is responsible for payment of the fee before they are able to take the AP tests. The tests take place during the month of May. Test results are mailed by the College Board to students and schools in mid-July.

Families who may require financial assistance regarding the cost of the AP exam should contact the Guidance office.
HONORS/AP CURRICULUM

The following are departmental honors programs available to the Catholic Central student. The ninth grade segment is an advanced course of study used as a prerequisite to entering each of the honors programs. Only those students meeting the school's requirements will be allowed to take the advanced courses. Only those students satisfying the requirements of the honors program will be considered for the next level in each department. The progression of courses at the honors level is indicated for each department. These progressions are for freshmen students entering the school. No student will be allowed to enter the advanced or honors program unless teacher recommendations, school transcripts, and/or standardized test scores are available.

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<tr>
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*AP Chemistry (alternating years)