



DePaul
CRISTO REY
CINCINNATI

**Course Offerings
2026-2027**

DePaul Cristo Rey High School Mission Statement

DePaul Cristo Rey High School, sponsored by the Sisters of Charity of Cincinnati, meets students where they are and guides them through becoming high school and college graduates who flourish. We partner with families, businesses and the community to provide a uniquely affordable Catholic, college prep curriculum and innovative work study program, which combine to form young women and men of integrity, faith, tenacity and purpose.

Bruin At Grad *Statement of Belief*

Bruins **Believe** in God, Themselves, and their community.

- *In God's purpose in their life. "I have been called."*
- *In themselves. "I matter and I can overcome."*
- *In others. "I am willing to serve my community with compassion and care. I respect those of all faith and no faith traditions."*

Bruins **Achieve** by engaging in a college-preparatory and career-focused education.

- College readiness through hard work, practice and persistence.
- Success through an openness to new opportunities and experiences.
- Leadership in the professional arena and take those skills with them to college.

Bruins **Become** skillful servant leaders.

- Committed to self-growth and development.
 - Committed to doing justice.

**DEPAUL CRISTO REY HIGH SCHOOL MINIMUM GRADUATION
REQUIREMENTS*:**

Students must earn the following credits:

English:	4 credits
Mathematics:	4 credits
Religion:	4 credits
Science:	4 credits
Corporate Work Study:	4 credits
Social Studies:	3 credits
Physical Education:	½ credit
Health:	½ credit
Spanish:	2 credits
College Readiness:	2 ½ credits
Fine Arts:	1 credit
Financial Literacy:	½ credit
30 Credits	

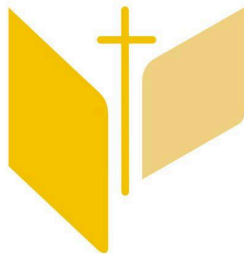
Students must fulfill all requirements in order to graduate. Students who fail any class and therefore have not fulfilled their credit requirements will not graduate.

Sample Course Sequence

Freshmen	Sophomore	Junior	Senior
Religion I	Religion II	Religion III	Religion IV
Corporate Work Study	Corporate Work Study	Corporate Work Study	Corporate Work Study
English I	English II	English III	English IV
Algebra I	Geometry	Algebra II	Statistics/ AP Pre-Calculus
Environmental Science	Biology	Chemistry	Science Elective
World History	US History	US Government & Economics	College Communications and Financial Literacy
Physical Education	Spanish I	Spanish II	Elective
Freshman Academy	Health (semester)	College Readiness (semester)	Elective
	Fine Arts Elective (Semester)	Fine Arts Elective (Semester)	

DePaul Cristo Rey High School provides a college preparatory curriculum. All classes are college prep or higher. The core courses of Math, English, Science, and Social Studies as well as Spanish offer Honors levels courses as well beginning in the Sophomore year. Several Advanced Placement courses are offered instead of Honors courses. There are no remedial or general courses offered.

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College Advising Sequence

Freshmen Year

Freshman Academy

Junior Year

College Readiness

Senior Year

College Communication

Freshman Academy

1 Credit

The year-long Freshmen Academy course is a unique course for first-year high school students to enhance their academic, social, emotional, and technical integration into high school. This course provides the opportunity for students to explore and discover who they are as a person, a student, a citizen, and a DePaul Bruin. This course engages and supports students' observance of the necessary executive functioning skills and social-emotional well-being necessary to experience successful transition to and through high school with foundational college knowledge sprinkled throughout.

College Readiness

½ Credit

College Readiness, a one semester course, teaches students about the preparation needed to find themselves successful in their post-secondary education while learning how to navigate through some of the experiences many first-year college students encounter. Students become knowledgeable of the collegiate research process through assignments, assessments, and projects to better understand what resources are necessary to apply and thrive during their academic journeys. This course is designed to educate students on prospective careers, prepare them for SAT testing, increase their learning potential, aid in the pursuit of their personal goals, and develop critical thinking abilities to ensure an effective transition.

College Communication

½ Credit

This class assists seniors in finalizing their college applications or other post-high school plans. Students research colleges, attend RepVisits, college fairs & tours, and learn about picking a major or a career choice. Students prepare for the SAT, finalize personal essays, apply to colleges, complete FAFSA, interpret financial aid award letters, learn about personal finances, and develop a final post-high school plan.

Financial Literacy**½ Credit**

This class in the second semester will continue the college decision making process. Students will be guided through FAFSA completion, learn about personal finances, and will develop a final post-high school plan. Financial responsibility and decision-making, planning and money management, informed consumer investing, credit and debt, risk management and insurance are all topics covered within financial planning. Within these topics, students will make informed and reasoned financial decisions, become prepared for their role as decision-makers as consumers and act responsible as consumers and investors and best utilize their limited resources.

Elective Beginning 27-28 for Class of 2028 and Beyond**Financial Literacy provided virtually through Arupe Virtual Learning Institute****Financial Literacy****½ Credit**

This is a virtual course taken through Arupe Virtual Learning Institute (AVLI). Students may choose to take this course as a summer course or as an elective course in their Sophomore, Junior or Senior year, during a semester study hall. This course prepares students to understand financial literacy concepts and how to make sound financial decisions. The course provides an overview of different types of insurance and how they protect individuals, explains how to create budgets and plan for unexpected expenses, and introduces investing. Students will receive a pass/fail grade and the grade **will not** be a part of their GPA.



English Sequence

Freshmen Year

English I

Sophomore Year

English II
English II Honors

Junior Year

English III
AP Literature & Composition

Senior Year

English IV
English IV Honors
Elective: Newspaper

English I

1 Credit

Ninth-grade English focuses on cultivating curious, insightful, and intelligent readers and writers. The course emphasizes fundamental reading and writing skills to prepare students for college-level work and state benchmarks. Students will read a variety of literary forms, including short stories, poetry, informational texts, and novels. Major texts include *The Hunger Games*, *The Book Thief*, and William Shakespeare’s *Romeo & Juliet*. Students will likewise practice the full writing process—prewriting, drafting, and revision—across multiple forms, including narrative, persuasive, analytical, and expository writing. The course emphasizes explicit grammar instruction and vocabulary acquisition to improve precision and conciseness. The year consists of various narrative and analytical essays where students practice asking productive questions, distinguishing between credible and non-credible sources, and synthesizing information. Additionally, students will engage in active discussion and oral presentations to build speaking and listening skills. Independent reading is a requirement throughout the year to foster vocabulary growth and reading comprehension.

English II: American Literature

1 Credit

Tenth-grade students will study writers who will advance their understanding of American culture and history, focusing on drama, poetry, fiction, and non-fiction. They will consider the concept of the American Dream with a critical eye, and evaluate its birth and disruption. Major texts include *The Things They Carried*, *Death of a Salesman*, and *They Called Us Enemy*. In tenth-grade writing, students will build on the basics from ninth grade to produce more developed and polished drafts. Tenth-grade students will focus on conducting research, mining the sources they locate for evidence to support their body paragraphs, creating a working thesis, and outlining their finished product. Students will also practice persuasive writing and

speaking through a comprehensive project wherein students will utilize their knowledge of Logos, Pathos, and Ethos.

English II Honors: American Literature **1 Credit**

Tenth-grade honors/pre-AP students will study authors who will advance their understanding of American culture and history, focusing on drama, poetry, fiction, and non-fiction. Major texts include *Uprising* (summer reading), *Unbroken*, American government founding documents, *The Great Gatsby*, and *The Crucible*. Tenth-grade honors/pre-AP students will be introduced to writing evaluated by the AP-grading rubric for literary argumentation and will begin practicing that writing. Additionally, they will build on the basics from ninth grade to produce more developed and polished drafts. Tenth-grade students will focus on conducting research, mining the sources they locate for evidence to support their body paragraphs, creating a working thesis, and outlining their finished product. Students will also practice persuasive writing and speaking through a comprehensive project wherein students will utilize their knowledge of Logos, Pathos, and Ethos. Honors students will also have a specific focus on speech writing and will present a speech to the class.

Prerequisite: *recommendation from the freshmen English teacher, a year-average grade of 90% in English during freshman year, and completion of the summer reading assignment.*

English III: Genre Literature **1 Credit**

Students will apply the skills they developed in ninth and tenth grade to the explicit study of forms of literature including poetry, drama, short stories, novels, and graphic memoirs. They will explore how each genre of literature dictates the elements authors use to create their works and how authors work within those genres in different ways to create meaning. Major texts will include *Much Ado About Nothing*, various forms of poetry, a graphic novel or memoir, *Of Mice and Men*, and various short stories. Students will also continue to develop writing skills across the forms of writing with an emphasis on researched persuasive writing and reflective writing. Students will produce a final draft of a 2-3 page researched persuasive essay building on skills learned in ninth and tenth grade and will draw on skills they learned in drafting narrative writing to revise their personal statements for their college applications. They will likewise increase their analytical writing skills by responding to shorter essay prompts based on the literature they are studying (through homework assignments, exit tickets, and extended answer questions on unit tests).

AP English Literature and Composition **1 Credit**

AP English Literature and Composition is a college-level course requiring students to become critical readers through close textual analysis. Students will read and interpret challenging plays, novels, short stories, and poetry. This prepares students for the AP exam by building skills in analyzing character development, structure, diction, poetic devices, theme, function of the narrator, and setting. Major works read include *Bless Me Ultima*, *Fences*, *Much Ado About Nothing*, *The Awakening*, *The Bluest Eye*, and *Invisible Man*, along with various poems and short stories. Writing is also an integral part of the AP English Literature and Composition course. Writing assignments will increase a student's ability to explain clearly, cogently, and elegantly, what they understand about literary works and why they interpret them as they do. To that end, writing instruction includes attention to developing and organizing arguments in clear, coherent, and persuasive language and proving those arguments with evidence from the text

and commentary which explains how the evidence proves their arguments. Students are expected to complete the AP English Literature and Composition exam in May.

Prerequisite: *recommendation from the sophomore English teacher, a year-average grade of 90% in English during sophomore year, and completion of the summer reading assignment.*

English IV: World Literature

1 Credit

Students in this course will study long dystopian narratives (e.g., *1984* by George Orwell, or *Fahrenheit 451* by Ray Bradbury, etc.), essays (including writing by Ta-Nehisi Coates and Valeria Luiselli), and ancient mythologies (Greek, Yoruba, Maya). Students will learn the literary mechanisms and identify important authors and texts. By doing this, they will understand the evolution of a literary tradition as a historical, social, and aesthetic phenomenon. The course's main objective is to build critical thinking skills and apply them to literature, reality, and the interaction between them. Students will demonstrate their understanding through participation, group discussions, presentations, and academic writing. During the first quarter, Seniors will finalize their personal statements for their college applications.

English IV: Honors World Literature

1 Credit

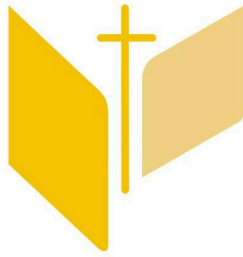
Students in this course will read long dystopian narratives (e.g., *1984* by George Orwell or *Fahrenheit 451* by Ray Bradbury, etc.) and study advanced literary criticism about dystopian literature (A selection from the book *Dystopia(n) Matters: On the Page, on Screen, on Stage*, edited by Fatima Vieira). During the second semester, students will read essays (a selection of works by Ta-Nehisi Coates, James Baldwin, Valeria Luiselli, and Gloria Alzandua) and ancient mythologies (Greek, Yoruba, Maya). This course will teach students literary mechanisms and how to identify important authors and texts. By doing this, they will understand the evolution of a literary tradition as a historical, social, and aesthetic phenomenon. The course's main objective is to gain critical thinking skills and apply them to literature, reality, and the interaction between them. Students will demonstrate their understanding through participation, group discussions, presentations, and academic writing. During the first quarter, seniors will finalize their personal statements for their college applications to maximize their chances of admission. Honors students will study similar works as CP students at a faster pace and with a more in-depth focus.

Prerequisite: *recommendation from the 11th-grade English teacher; a year-average grade of 90% in English during junior year.*

Newspaper

½ Credit

Students enrolled in the DPCR Newspaper elective will use the skills they have developed in their previous English classes to develop, organize, plan, and distribute a quarterly newspaper to the school. Students will take turns acting as the newspaper's editor, while other students in the class will rotate acting as investigative reporters of current events, writing exposes on topics they find interesting, interviewing with relevant sources, publishing creative writing and other art, as well as acting as photographers for specific columns. Editors will lead the class in selecting the right role for each student per quarter, allowing them to thrive in their specific roles by utilizing their unique talents. Students in this class will also learn about basic tenets of journalism, the moral guidelines of journalism and reporting, and identifying credible and unbiased sources.



Fine Arts Sequence

Two semesters required. Not available to Freshmen

Art 1

½ Credit

Students will engage in a variety of art forms to develop creative thought as well as personal expression. Topics include drawing & painting, print-making, 3-D art, digital art, and art history and culture.

Art 2

½ Credit

Students will engage in a variety of art forms, learning to critique their own art and those of others.

Prerequisite: successful completion of Art 1 or recommendation of teacher.

Art 3

½ Credit

Students will engage in a variety of art projects designed to develop their skills.

Prerequisite: successful completion of Art 2 or recommendation of teacher.

Filmmaking 1

½ Credit

Film 1 introduces students to the fundamentals of filmmaking, including creative writing, storyboarding, content capture, and video editing. Students will explore various genres while developing technical and storytelling skills. By the end of the course, students will produce 1–5 minute short films and contribute to school projects, like commercials, gaining hands-on experience in the filmmaking process.

Filmmaking 2

½ Credit

Film 2 is an advanced course designed for students ready to take their filmmaking skills to the next level. Students will work independently to create high-quality short films suitable for submission to film festivals and contests. As leaders in the program, students will oversee major school projects, including commercials and special productions, while diving deeper into virtual production techniques. By the end of the course, students will have started building a professional portfolio to prepare for college and future careers in filmmaking.

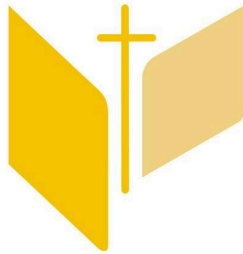
Prerequisite: successful completion of Film 1 or recommendation of teacher.

Filmmaking 3:**½ Credit**

Film 3 is a masterclass designed for advanced students who have demonstrated exceptional leadership and filmmaking skills. This course focuses on directing and creating dynamic, impactful films while preparing students for college and careers in the film industry. Students will work independently on major projects for the school or community, acting as lead directors and mentors to motivate and guide their peers.

Prerequisite: successful completion of Film 2 or recommendation of teacher.

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Health and Physical Education Sequence

Freshmen Year

Physical Education

Sophomore Year

Health

Physical Education

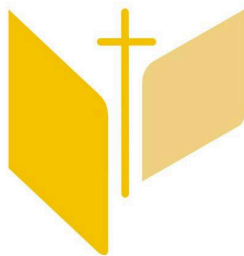
½ Credit (full year course)

PE is designed to provide students with a comprehensive understanding of fitness, wellness, and healthy lifestyle practices. Through the combination of team sports, interval fitness training, and wellness education, students will develop skills to help maintain a healthy lifestyle. This class focuses on building physical, mental, emotional and social skills while improving awareness of healthy choices and personal fitness. Students will engage in various physical activities, including but not limited to team sports and fitness activities such as floor hockey, volleyball, basketball, interval training, and cardio workouts. Students will learn to track and evaluate their fitness progress, make informed decisions about their health, and practice mindfulness techniques for mental well-being.

Health

½ Credit

Health Education is a course designed to provide students with the knowledge and skills necessary to make informed decisions about their physical, mental, and emotional well-being. The course covers a broad range of topics that promote overall health, empower students to develop healthy behaviors, and equip them to face the challenges of living in a dynamic world. Emphasizing both personal responsibility and the importance of community health, this course lays the foundation for a lifetime of healthy choices. By focusing on prevention, education, and skill-building, this course fosters a sense of personal responsibility, awareness, and community involvement.



Math Sequence

<u>Freshmen Year</u>	<u>Sophomore Year</u>	<u>Junior Year</u>	<u>Senior Year</u>
Algebra I Algebra I Honors	Geometry Geometry Honors	Algebra II Algebra II Honors	Probability & Statistics AP PreCalculus

Algebra I

1 Credit

Algebra I is a foundational mathematics course designed to introduce students to the principles of algebraic reasoning and problem-solving. The course covers topics including the coordinate plane, graphing and interpreting solutions, linear equations and inequalities, systems of equations, polynomials, factoring, quadratic functions, exponential functions, and an introduction to statistics. Students will build computational fluency, develop analytical thinking, and explore real-world applications of algebra. This course prepares students for success in all higher-level mathematics courses.

Algebra 1 Honors

1 Credit

Honors Algebra I offers a rigorous exploration of algebraic concepts, designed for students seeking a more in-depth and challenging mathematics experience. This course includes all topics covered in College Prep Algebra I - the coordinate plane, graphing and interpreting solutions, linear equations and inequalities, systems of equations, polynomials, quadratic functions, exponential functions, and statistics - while extending to advanced applications, higher-level problem-solving, and enriched projects. Students in this course will engage in deeper discussions, tackle complex real-world problems, and work at an accelerated pace. Honors Algebra I prepares students for success in advanced mathematics courses such as Honors Geometry and Honors Algebra II.

Geometry

1 Credit

Geometry is focused on studying shapes, sizes, relative positions, and properties of space. Students will explore concepts such as congruence, similarity, geometric proofs, properties of polygons and circles, trigonometry, and coordinate geometry. Through real-world applications and hands-on activities, the course emphasizes critical thinking, problem-solving, and spatial

reasoning. Geometry prepares students for higher-level math courses by fostering an understanding of logical reasoning and geometric relationships.

Geometry Honors

1 Credit

Honors Geometry provides an in-depth and rigorous examination of geometric principles, designed for students seeking a challenging mathematics experience. This course covers all topics included in College Prep Geometry - congruence, similarity, proofs, polygons, circles, trigonometry, and coordinate geometry - while extending to advanced problem-solving, derivations, and enriched applications. Students will engage in complex real-world scenarios, explore connections to other STEM disciplines, and work at an accelerated pace. Honors Geometry equips students with the reasoning skills necessary for advanced math courses such as Honors Algebra II and Pre-Calculus.

Prerequisite: Demonstrated excellence in Algebra 1 and teacher recommendation.

Algebra II

1 Credit

Algebra II builds on the foundational concepts introduced in Algebra I, advancing students' understanding of algebraic principles, functions, and graphing. Topics include quadratic functions, polynomials, rational expressions, exponential and logarithmic functions, sequences and series, trigonometry, and an introduction to probability and statistics. Students will strengthen their problem-solving skills, explore real-world applications, and develop a deeper understanding of mathematical relationships. This course prepares students for all advanced math courses.

Algebra II Honors

1 Credit

Honors Algebra II is a rigorous and fast-paced course designed for students seeking an advanced exploration of algebraic concepts. This course includes all topics covered in College Prep Algebra II - quadratic functions, polynomials, rational expressions, exponential and logarithmic functions, sequences and series, trigonometry, and probability and statistics—while introducing advanced applications including more challenging problem-solving scenarios, and deeper theoretical connections. Students will explore complex real-world problems and prepare for advanced courses such as AP PreCalc.

Prerequisite: Demonstrated excellence in Geometry and teacher recommendation.

Probability & Statistics

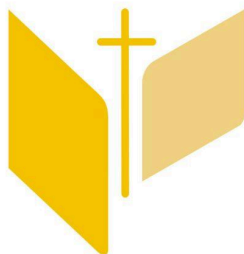
1 Credit

This course will engage students in doing, thinking, and talking about mathematics, probability, statistics, and modeling. Students will be exposed to the language of data analysis, learn to use data and to be critical about conclusions reached based on using data. This course will further develop how to represent quantitative relationships using equations, tables, and graphs and connect the use of representations to reach conclusions and make predictions.

AP PreCalculus**1 Credit**

This course will engage students in doing, thinking, and talking about mathematics, specifically, the preparation for College Calculus. Students will review topics from all previous math courses (Functions and Operations, Polynomials, Rational Functions, Exponential and Logarithmic Functions, Trigonometry and Trigonometric Functions, Polar Coordinates, Complex Numbers, Matrices and Vectors) and integrate this material as a precursor to Calculus. This course will further develop how to represent quantitative relationships using equations, tables, and graphs to prepare a strong foundation for the study of Calculus. Students are expected to complete the AP Pre-calculus exam in May.

Prerequisites: *Demonstrated excellence in Honors Algebra 2 and teacher approval. (Students who have demonstrated excellence in College Prep Algebra 2 may qualify with teacher approval and the successful completion of a summer packet).*



Religion Sequence

Freshmen Year

Introduction to Catholicism
Revelation &
the Old Testament

Sophomore Year

Who is Jesus?
Ecclesiology/
Church History

Junior Year

Morality
Sacraments

Senior Year

Vocations
Catholic Social Teaching

As part of their Religion curriculum, all students are required to attend a yearly retreat, complete service hours and participate in the Bruin Movement.

Introduction To Catholicism

½ Credit

This course provides an overview of the teachings of the Catholic Church — established by Jesus Christ himself as a means of our salvation. Examining the Creed, the Church, the Sacraments, the Commandments, and the lives of the saints. It presents the teachings and practices of the Catholic Church in a clear, straightforward manner. This course examines the most important aspect of our lives – our Faith. In this Introduction to Catholicism class, we cover several key topics – why we need religion, the existence of God, and why relativism is wrong. After looking at various religions, we will better understand the Catholic Church and her Profession of Faith. There are lessons on why we need the Catholic Church, the use of philosophy and logic in understanding the authenticity of Catholicism, the Apostles’ Creed, the Bible, and Tradition in the Church.

Revelation and the Old Testament

½ Credit

Students enrolled in this course will come to understand why the human heart is restlessly seeking God and the truth. They will foster a personal knowledge of Jesus Christ and seek ways to develop a personal relationship with him by studying the Bible which is God’s inspired word. Through reading and study of Scripture, students will be led through the events that helped shape the coming of the Messiah as promised to the Patriarchs and prophesied by the prophets in the Old Testament starting with the Fall of Adam and Eve, to the Covenant between God and Abraham and the New Covenant with the entire world redeemed by Christ’s blood. Students will explore different ways of understanding Divine Revelation through Sacred Scripture and Sacred Tradition. They will learn about Inspiration and Authorship of the Bible. The climax of this class is to understand the purpose of God sending Jesus Christ to die for human salvation summed up in the Paschal Mystery which is the Life and ministry, death and

resurrection, and Ascension of Our Lord Jesus Christ into Heaven and the sending of the Holy Spirit. The work of the Holy Spirit as the Principal agent of evangelization will be explored in the life of the early Christians as recorded in Acts of the Apostles.

Who is Jesus Christ?

½ Credit

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 Trinity. Students will come to understand Jesus as the ultimate Revelation to us from God. In learning about who Jesus Christ is, students will also learn about and reflect on who He calls each of them to be. Throughout this course students will participate in religion workshop.

Ecclesiology/Church History

½ Credit

In this course, students are guided to develop an understanding of the Living Christ, as encountered in and through the Church. They study the founding of the Church by Christ through the Apostles and how Christians believe the Church is today sustained by him through the Holy Spirit. The students thus study the Church as the living Body of Christ today; a Body that has both divine and human elements. Students will learn about the nature of the Church and participate in the Bruin Movement through the lens of stories. All students will participate in Religion Workshop.

Morality

½ Credit

We begin by discussing basic moral principles and looking to lived situations to see how and where they can be applied. A study of morality through the lens of the Ten Commandments will continue throughout the course.

Sacraments

½ Credit

Students will learn the 7 sacraments of the Catholic Church. Each sacrament will be studied and its application to our lives will be discussed.

Vocations

½ Credit

This course is designed to help students understand the various vocations in life and how Christ calls individuals to live out their faith. Students will explore how all vocations are similar in their foundation and how they differ in their specific paths, emphasizing the value of living for the benefit of others and the importance of service to the Christian community. The curriculum is structured around an in-depth study of married life, committed single life, priestly life (Holy Orders), and consecrated life. It encourages students to align themselves with God's will through discernment, integrating principles of Christian anthropology and the Theology of the Body." - *United States Conference of Catholic Bishops & Archdiocese of Cincinnati*

Catholic Social Teaching,

½ Credit

The purpose of this course is to help students understand that, as humans we are each created with dignity and are loved by God. Students will explore several justice issues through the themes of Catholic Social Teaching, as well as the development of social justice as an essential

component to Christianity and the Catholic Faith. All students will participate in Religion Workshop and the senior year component of the Bruin Movement project.

Retreat Experience

Here at DePaul Cristo Rey HS, we have four required retreats. They are designed to help students grow closer to God, deepen their connection with their classmates, and learn more about themselves. Each retreat is tailored to foster spiritual growth and strengthen our community.

The **freshman** retreat is a one-day on-campus experience.

The **sophomore** retreat is a one-day off-campus retreat.

The **junior** retreat is a one-night, two-day retreat.

The **senior** retreat is a three-day, two-night experience.

Service Hours

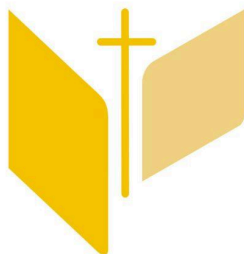
Service learning is a vital part of our school's mission and helps students grow in faith, character, and responsibility. Through service, students are encouraged to look beyond themselves and respond to the needs of others in their community.

Students are required to complete the following number of service hours each academic year:

- Freshmen: 10 hours
- Sophomores: 12 hours
- Juniors: 14 hours
- Seniors: 16 hours

A minimum of **half of these hours must be completed outside of DPCR**, allowing students to engage more broadly with the community through churches, nonprofit organizations, and service opportunities of their choosing.

Completion and proper documentation of service hours is required for academic standing and graduation.



Science Sequence

<u>Freshmen Year</u>	<u>Sophomore Year</u>	<u>Junior Year</u>	<u>Senior Year</u>
Environmental Science	Biology Biology Honors	Chemistry Chemistry Honors	Anatomy & Physiology Computer Science Physics Honors

Environmental Science

1 Credit

Environmental Science is an introductory lab-based science course that combines content focusing on Biology, Earth Science, Physical Science, and Ecology, as well as social sciences such as Economics and Political Science. In Environmental science, we will study how the natural world works, how our environment affects us, and how we affect our environment. The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Topics of study will include the Earth's systems, speciation and organism relationships, biogeochemical cycles, resources and management, and global change. This course will include lab work and activities such as water quality testing, soil analysis, air pollution testing, and determining the effectiveness of different renewable and nonrenewable energy sources.

Biology

1 Credit

Biology is a lab based science course that incorporates scientific ways of thinking into learning biological concepts. The Biological concepts that will be studied are biochemistry, biochemical pathways, cell structure and function, genetics and heredity, evolutionary mechanisms and patterns, and diversity and interdependence of life.

Biology Honors

1 Credit

Biology honors is a lab based course that will study the biological concepts of biochemistry, biochemical pathways, cell structure and function, genetics and heredity, evolutionary mechanisms, and diversity and interdependence of life. Students will be expected to work collaboratively, express critical analysis through writing, and analyze patterns through independent and group lab work.

Prerequisites: *Completion of Environmental Science with an 83% or above and/or teacher recommendation.*

Chemistry**1 Credit**

Chemistry is a lab based science course that examines Chemistry topics. Topics include measurement, metric system, matter, formulas, chemical equations, atomic structure, stoichiometry, thermochemistry, nuclear chemistry, gasses, solutions, bonding, acid-base theory, oxidation-reduction, pH, equilibrium, and organic chemistry. Regular laboratory experiments and activities will accompany the topics.

Chemistry Honors**1 Credit**

Chemistry honors studies chemical equations, atomic structure, stoichiometry, thermochemistry, nuclear chemistry, gasses, solutions, bonding, acid-base theory, oxidation-reduction, pH, equilibrium, and organic chemistry. The ability to communicate understanding of concepts verbally, mathematically, and graphically is of paramount importance in Honors Chemistry.

***Prerequisites:** Completion of Biology or Honors Biology with an 83% or above and/or teacher recommendation.*

Anatomy and Physiology**1 Credit**

This course reviews some basic biology and chemistry concepts needed to understand the human body. Then this course goes through the human body one system at a time, learning the parts, their functions and what can go wrong with that part of the body(disease/disorders). Students will engage in many labs, demonstrations and dissections. Students will be taught the use of basic equipment used to monitor vital human functions.

Computer Science**1 Credit**

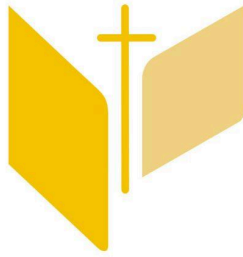
Computer Science is an introductory-level course for students brand new to programming and computer science. In this course, you will learn problem-solving strategies, software design, and the foundations of computer science. You'll do so using two key tools: the Project STEM programming environment and EarSketch, a software package that turns your code into music.

Physics Honors**1 Credit**

Physics is designed for students who may choose to pursue a science-related field in college. The course uses algebra and trigonometry to solve problems. Students apply these math skills when analyzing data from their labs. The topics covered in this course include mechanics, energy, wave theory, optics, circuits, and magnetism. Students are expected to develop an appreciation of physics through inquiry, mathematical modeling and problem-solving. This course allows the student to experience science content at an advanced math level.

***Prerequisites:** Successful completion of Chemistry and Algebra II, or their honors equivalent courses, with an 83% or above*

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Social Studies Sequence

Freshmen Year

World History

Sophomore Year

U.S. History
AP United States History

Junior Year

US Government & Politics
AP Government & Politics

Senior Year

AP Psychology
Where Pigs Fly!
Cincinnati History

World History

1 Credit

This course isn't just about memorizing dates and battles—it's about exploring civilizations and cultures from a global perspective to better understand the complex relationships that exist today. World History and Civilization emphasizes events and developments in the past that greatly affected large numbers of people across broad areas of the world that have significantly influenced peoples and places in subsequent eras. Examples include agricultural, democratic, and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. This is a highly comparative course, as students are expected to compare and contrast events and developments involving diverse peoples and civilizations in different regions of the world. Students examine examples of continuity and change, unity and diversity among various peoples and cultures from the past to the present. Students are expected to practice process skills of historical thinking, document analysis, historical argument, research, and application of content knowledge to the practice of inquiry.

U.S. History

1 Credit

This course examines the history of the United States of America from the Civil War to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions

AP U.S. History**1 Credit**

How did the United States become THE United States? What happened to the American economy when factories went from being powered by water to powered by coal? Or how have definitions of who is, and who is not, a U.S. citizen changed over time? In AP United States History, students will explore and try to answer questions like these, while discussing the ways in which Americans have debated their values, practices, and traditions since even before the country's founding. Students will work collaboratively and individually to analyze primary documents. Analysis of the impact of historical events in both written and presentation form are a part of this course. Students will be expected to take the AP Exam in May.

Prerequisite: Students must successfully complete World History with an 83% and/or a recommendation from the teacher.

U.S. Government & Economics**1 Credit**

Students will examine the Founding Documents and ideological principles which form the basis for the government of the United States of America. In addition, the class will explore how the American people govern themselves at national, state and local levels of government. In Economics, students will explore the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, students will examine the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

AP Government and Politics**1 Credit**

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. This course requires the completion of summer reading. Students will be expected to take the AP Exam in May.

Prerequisite: Students must successfully complete US History, or AP US History, with an 83% and/or a recommendation from the teacher.

AP Psychology**1 Credit**

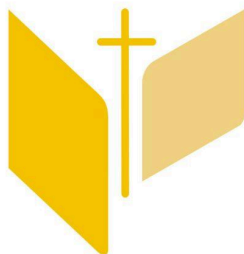
AP Psychology introduces students to the systematic and scientific study of human behavior and mental processes. While considering the studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with major units of study, including biological bases of behavior, cognition, development, learning, social psychology, personality, and mental and physical health. Throughout the course, students apply psychological concepts and employ psychological research methods and data interpretation to evaluate claims, consider evidence, and effectively communicate ideas. Students will be expected to take the AP Exam in May.

Prerequisite: Students must successfully complete US Government & Economics or AP Government & Politics with an 83% and/or a recommendation from the teacher.

Where Pigs Fly! Cincinnati History**½ Credit**

Have you ever wondered about the city of which you live in? Ever gone outside your home and thought, "What is this and why is it in Cincinnati?" If yes, this course is for you!

Cincinnati History is a course on the political, social, economic, and cultural development of Cincinnati, from the city's founding to the present. Topics include but are not limited to: the city's German heritage, the role of a river city in industrialization, and the city's contributions to U.S. history and culture. This is a project based learning course in order for students to experience the city's history through planned field trips. Offered Second Semester only.



Spanish Sequence

Sophomore Year

Spanish I
Heritage Spanish

Junior Year

Spanish II
Spanish II Honors

Senior Year

AP Spanish Language & Culture

Spanish I

1 Credit

Spanish I is an introductory class designed for students with little to no prior knowledge of the Spanish language. The main focus is on developing basic communication skills through the four language competencies: listening, speaking, reading, and writing. The overall goal is for students to complete the course with a solid foundation in Spanish and an appreciation for the cultural diversity of the Spanish-speaking world, setting the stage for more advanced courses in the future.

Heritage Spanish I

1 Credit

Heritage Spanish is designed to explore and celebrate the contributions, traditions, and rich diversity of Spanish-speaking cultures. This course aims to develop a deeper understanding among students of the history, experiences, and cultural impact of Hispanic communities both in the United States and globally. The overall purpose of this course is to inspire students to appreciate and deeply respect the contributions and richness of Hispanic cultures, fostering multicultural understanding and cultural pride. Additionally, it provides students with opportunities to strengthen key skills such as writing, reading, and oral presentation through meaningful and practical activities.

Spanish II

1 Credit

Spanish II develops the fluency of students for conversational Spanish as well as developing an appreciation for Hispanic cultures. Students will learn to read, speak, listen, and write in Spanish.

Spanish II Honors**1 Credit**

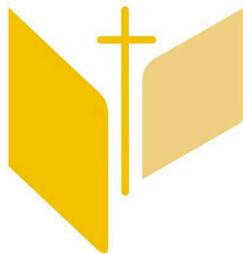
Spanish II Honors is designed to develop students to a moderate level of proficiency in speaking, listening, reading and writing in Spanish. Coursework includes appreciation of Hispanic culture and recognition of important Hispanic holidays.

***Prerequisite:** Successful completion of Spanish I, or Heritage Spanish, with an 83% and/or teacher recommendation.*

AP Spanish Language & Culture**1 Credit**

This elective course develops fluency of Spanish language including reading, writing, listening, and speaking. Students develop conversational Spanish fluency. Students are expected to complete the AP exam in May.

***Prerequisite:** Successful completion of Spanish II, or Honors Spanish II, with an 83% and/or teacher recommendation.*



Electives and Alternative Courses

Most Elective courses are listed in previous sections as appropriate. Others are described below.

Sophomore Year

Art I
Filmmaking I

Junior Year

Art 1 or 2
Filmmaking 1 or 2
AVLI Courses

Senior Year

AP Psychology
AP Spanish
Art 1, 2 or 3
Business Concepts
Filmmaking 1, 2 or 3
Where Pigs Fly! Cincinnati History
*students can choose to take 2
sciences in the senior year
AVLI Courses

Business Concepts

½ Credit

Business Concepts guides students through an overview of five foci within a business management major. A survey approach will include theoretical and popular topics in ethics, economics, finance, accounting, and marketing. While broad in its review, students will benefit from early exposure and application before pursuing the disciplines more in depth in college. Successful leaders and entrepreneurs introspectively consider how choices, financial resources, accurate reporting, and goods and services improve society and themselves. Lessons, discussions, and assignments will be geared towards shaping students' future business-related vocations that lift up humanity.

Arupe Virtual Learning Institute

credits vary

DPCR partners with AVLI to offer additional asynchronous virtual coursework. The following courses are available. Grades earned from these courses will appear on transcripts, though they do NOT impact GPA.

Financial Literacy - offered summer, fall or spring semesters

Engineering Principles - offered first semester only

Computer Game Development - offered second semester only

