CRISTO REY ORLANDO

HIGH SCHOOL

Curriculum Guide

2026 – 2027

6039 S. Rio Grande Ave. · Orlando, FL 32809

www.cristoreyorlando.org

Table of Contents

Principal's Message 1

Cristo Rey Network Mission 2

Core Values 3

Program of Studies 4

Course Progression 5

Graduation Requirements 7

Grading Scale 8

Pre-Advanced Placement (Pre-AP) 9

AP Capstone 10

Dual Enrollment 11

ThinkCERCA 12

Course Descriptions 13

- Theology Department 13
- English Language Arts Department 15
- Mathematics Department 17
- Science Department 19
- History & Social Studies Department 21
- World Languages Department 23
- Elective Course Offerings 24

CURRICULUM GUIDE DISCLAIMER – 2026-2027

The courses, curriculum, graduation requirements, academic pathways, instructional resources, and information contained in this **2026–2027 Curriculum Course Guide** are intended to provide general guidance for students and families and are subject to change as the educational needs of Cristo Rey Orlando High School evolve. The school reserves the right to modify, amend, interpret, add, or discontinue any course, curriculum, program, graduation requirement, instructional resource, prerequisite, or academic policy described in this guide at any time, with or without prior notice, when deemed necessary and in the best interest of the school and its students.

While every effort is made to ensure this Curriculum Course Guide is accurate and up to date at the time of publication, revisions may occur throughout the school year due to enrollment, staffing, scheduling, state or federal requirements, accreditation expectations, Florida Department of Education updates, College Board requirements, or other unforeseen circumstances. Course offerings are contingent upon enrollment, staffing, and available resources and may be added, modified, or canceled as needed. When significant changes occur, Cristo Rey Orlando High School will communicate those updates through official school communication channels.

> *Enrollment at Cristo Rey Orlando High School constitutes acknowledgment that students and parents/guardians are responsible for remaining informed of current school policies and expectations.*

PRINCIPAL'S MESSAGE

Dear Students, Families, and Partners,

Welcome to Cristo Rey Orlando High School. As your Principal, it is a privilege to walk alongside each of you in this important chapter of your education. I believe deeply that every student who walks through our doors is capable of extraordinary things, and our 2026–2027 Course Guide reflects our commitment to helping you get there.

This guide represents more than a list of classes. It is a reflection of our promise to you: that we will challenge you academically, support you personally, and prepare you fully for college, career, and life. At Cristo Rey Orlando, all of our courses are college-ready and designed with your future in mind. Because not all courses are offered every year, our scheduling process is guided by student interest, Florida Department of Education requirements and updates, and our ongoing commitment to expanding opportunity as we grow.

Our goal is to grow the whole child. That means academic growth through rigorous coursework that meets and exceeds college preparatory standards. It means spiritual growth rooted in our Catholic identity and the belief that each of you is created, chosen, and cherished by God. It means professional growth through the Corporate Work Study Program, where you are already building the skills, habits, and confidence that workplaces require. And it means personal growth through the relationships you build with your teachers, counselors, and peers, because we know that learning does not happen in isolation.

To our families, your partnership is essential. You are not observers in your student's journey; you are active participants. We invite you to stay connected, ask questions, and lean on our team whenever you need support. Every decision we make as a school community is centered on your child's success and well-being.

To our Corporate Work Study partners, thank you for your continued investment in our students. Your partnership transforms lives.

Together, we will continue building something extraordinary.

With gratitude and faith,

JOHANA SANTIAGO-PUCKERING
Principal, Cristo Rey Orlando High School

CRISTO REY NETWORK MISSION

The Cristo Rey Network of high schools delivers a career-focused, college preparatory education in the Catholic tradition for students with limited economic resources, uniquely integrating rigorous academic curricula with four years of professional work experience and support to and through college. We partner with educators, businesses and communities to enable students to fulfill their aspirations for a lifetime of success.

MISSION STATEMENT

> *At Cristo Rey Orlando, our mission is to create a safe, supportive, and nurturing community where students thrive academically and emotionally, inspired by God's guidance to become the best versions of themselves through college-preparatory education and professional work experience.*

VISION STATEMENT

> *We envision a collaborative and inclusive school culture that fosters strong relationships among students, families, and teachers, prioritizing holistic development and ensuring the growth and success of every community member.*

Core Values

United in the love of the Hearts of Jesus and Mary, the Cristo Rey Orlando High School family is:

Created

God made us in his image and likeness and is the Creator of all things. Christ the King is the perfect revelation of the Father and each of us reflects God in our own unique way.

Chosen

We have been selected and invited by God for a particular purpose which reflects God's divine plan of holiness in the building of His Kingdom here on earth.

Cherished

We are loved by God unconditionally and He desires goodness for each one of us.

Community

We are a part of a civilization of love, forming a spiritual family in Christ and supporting one another on our journey of faith.

Courageous

We are brave and can persevere in the face of challenges as we continue to develop, learn and grow because we are inspired by faith and trust in God's grace, strength and guidance.

Compassionate

We show kindness, empathy, and mercy towards others, mirroring the love and compassion of Christ.

Cultivating

We cooperate with the grace of the Lord as we walk with Christ and grow as His disciples.

Crowned

We have hope and assurance in the promises of God for eternal life and glory in His presence.

"And when the chief shepherd appears, you will win the crown of glory that never fades away."

— 1 Peter 5:4

PROGRAM OF STUDIES

DAILY SCHEDULE

A daily rotating schedule with seven class periods will be followed each regular school day. A work study schedule will be followed on the days students are assigned to their Corporate Work Study placement.

COURSE SELECTION

Not all courses are offered every year. Course availability is based on student interest, enrollment numbers, and Florida Department of Education requirements and updates. Our scheduling process is designed to honor student goals while meeting all graduation requirements.

Due to scheduling, students might not always receive their first choice of classes. Student schedules are organized based on course availability and enrollment, not on teacher requests. The course selection process each spring will give students the opportunity to select courses for the upcoming school year. Each student's plan of study may include Honors and Advanced Placement courses.

All courses are challenging and focused on a plan of study that will prepare students for the next level. Students must meet any prerequisites for courses they intend to enroll in.

ADVANCED PLACEMENT COURSES

AP courses are college preparatory courses. Students are expected to take the College Board exam at the end of the term. A passing score may earn college credit depending on the university attended. Students enrolled in any AP course are required to take the AP exam at the end of the course. Cristo Rey Orlando will cover the exam fee for all students enrolled in an AP course.

Summer Work: Some Honors or AP courses may require summer assignments or readings.

COLLEGE SUCCESS

Cristo Rey Orlando believes in guiding students not just to college, but through college. We provide exposure to different colleges and offer tools and experiences designed to prepare students for college life and beyond, including college visits, guest speakers, and workshops.

ACADEMIC COURSE CREDITS

Students must successfully complete each course by receiving a passing grade to earn credit.

COURSE PROGRESSION

2026–2027 · A student's pathway through each subject area by grade level. Honors courses appear in *italics*; Advanced Placement courses appear in **bold navy**.

SUBJECT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
English	*Pre-AP / English 1 Honors* *English 1 Honors*	*Pre-AP / English 2 Honors* *English 2 Honors*	**AP Language & Composition** *English 3 Honors*	**AP Literature & Composition** *English 4 Honors*
Mathematics	*Algebra 1 Honors* *Geometry Honors*	*Geometry Honors* *Algebra 2 Honors* *Prob/Stats Honors*	*Algebra 2 Honors* *Pre-Calculus Honors* **AP Pre-Calculus** *Calculus Honors* *Prob/Stats Honors*	*Calculus Honors* **AP Calculus** *Prob/Stats Honors* **AP Statistics**
AP Capstone	—	—	**AP Seminar**	**AP Research**
Science	*Biology 1 Honors*	*Chemistry Honors* **AP Biology**	**AP Biology** *Chemistry Honors* **AP Chemistry** *Physics 1 Honors*	**AP Chemistry** **AP Physics C** **AP Environmental Science** *Anatomy & Physiology Honors*
Social Studies	**AP Human Geography** *World History Honors*	*World History Honors* **AP World History**	*U.S. History Honors* **AP U.S. History**	*Govt/Economics Honors* **AP U.S. Gov't & Politics**
Theology	*Encountering God* *The Revelation of Jesus Christ: Who is Jesus Christ*	*The Mission of Jesus Christ: The Paschal Mystery* *The Sacraments as Privileged Encounters with Jesus Christ*	*Jesus Christ's Mission Continues in the Church* *Theology of Human Love*	*Ecumenical & Interreligious Dialogue* *Living as a Missionary Disciple*
World Language	*Spanish 1*	*Spanish 2*	**AP Spanish Language & Culture**	**AP Spanish Literature & Culture**
Fine Arts	*2D Visual Art*	*Digital Art* *Music of the World* *Other Electives*	*Theatre / Drama* *Other Electives*	*Visual Technology* *Other Electives*
Physical Education	*Personal Fitness (0.5)* *HOPE P.E. (1.0)*	*Personal Financial Literacy (0.5)* *Team Sports / P.E. Elective (0.5)*	—	—
Electives	*Leadership Strategies Honors*	*Approaches to Leadership Honors*	*College Prep / Electives*	*College Prep / Electives*

SUBJECT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Corporate Work Study	*CWS*	*CWS*	*CWS*	*CWS*

** Course progression is subject to change based on the student's academic history and changes in FLDOE graduation requirements and progression. * Theology and World Language credits also count as elective credits. CWSP credits also count as elective credits.*

Graduation Requirements

Total Credits Required: 28

Subject	Credits	Notes
English	4	1 per year
Theology	4	1 per year; also counts as elective credit
Math	4	Must include Algebra 1, Geometry, and 2 additional math courses
Social Studies	4	Must include World History, U.S. History, Government (0.5), Economics (0.5), and Personal Financial Literacy & Money Management (0.5)
Science	4	Must include Biology, Chemistry, and 2 additional science courses
CWSP (Career)	4	Also counts as elective credit
Physical Education	1	Includes Personal Fitness (0.5) and 1 additional P.E. course (0.5) or HOPE (1.0)
Fine Art	1	May include visual arts, music, drama, etc.
World Language	2	Also counts as elective credit
TOTAL	28	*Credits subject to change based on FLDOE course requirements.*

GRADING SCALE

A	B	C	D	F
90–100%	80–89%	70–79%	60–69%	0–59%

Pre-Advanced Placement (Pre-AP)

Goals

- Pre-AP features grade-level instruction intended to give all students the opportunity for growth at honors level.
- Pre-AP offers a focused framework, instructional support, model lessons, classroom assessments, and an optional final exam.
- Pre-AP focuses on skills students will need to succeed in AP courses, college, and careers.
- Pre-AP is back mapped from AP courses, with input from teachers in middle school, high school, and college. Most students take Pre-AP in grades 9 and 10.

What Pre-AP Is Not

- Pre-AP is not an honors program. It is grade-level instruction that meets students where they are.
- Pre-AP is not a curriculum. Robust model lessons are provided, but teachers have flexibility to design instruction based on the course framework.
- Pre-AP does not have a mandatory final exam and does not provide college credit.

Objectives

- Offer every student access to a high-quality education that prepares them for success in high school and beyond.
- Provide educators with engaging resources and targeted assessments to support student success with grade-level expectations.

AP Capstone

AP Capstone is a diploma program from the College Board based on two year-long AP courses: AP Seminar and AP Research. Rather than teaching subject-specific content, these courses develop students' skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting.

Students typically take AP Seminar in grade 10 or 11, followed by AP Research. Each course is yearlong, and AP Seminar is a prerequisite for AP Research.

AP Capstone Diploma

Granted to students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing.

AP Seminar and Research Certificate

Granted to students who earn scores of 3 or higher in both AP Seminar and AP Research.

DUAL ENROLLMENT

Dual enrollment allows secondary students, including those in home education and private schools, to take postsecondary coursework and simultaneously earn credit toward a high school diploma, career certificate, or associate or baccalaureate degree at a Florida public or eligible private institution.

Students interested in participating in a Dual Enrollment program must meet the following eligibility criteria:

- Enrolled in a Florida public or private secondary school, grades 6–12
- Minimum unweighted GPA of 3.0
- For college credit courses, students must demonstrate readiness by achieving minimum scores on common placement tests as specified in Rule 6A-10.0315, Florida Administrative Code
- Earn a passing score on the PERT or meet required scores on the ACT or SAT
- Meet any additional eligibility requirements set by the Dual Enrollment partner institution

At Cristo Rey Orlando, we aim to provide students with dual enrollment opportunities through partnerships with community colleges and universities, offering courses that align with their college goals and interests.

THINKCERCA

At Cristo Rey Orlando High School, we are committed to developing students into confident readers, critical thinkers, effective communicators, and thoughtful leaders. To support this mission, we utilize **ThinkCERCA**, a research-based literacy platform that serves as a supplemental instructional resource **in support of our existing curriculum and courses**. ThinkCERCA enhances—not replaces—our core instructional programs by providing additional opportunities for students to strengthen literacy skills across multiple disciplines.

ThinkCERCA offers engaging, grade-level texts, evidence-based writing opportunities, collaborative discussions, and personalized learning experiences that reinforce the knowledge and skills students are learning in their classrooms. Through its emphasis on close reading, academic vocabulary, critical thinking, and evidence-based argumentation, students develop the literacy skills necessary for success in rigorous coursework, college, and their professional careers.

At Cristo Rey Orlando, ThinkCERCA is intentionally integrated into our **English Language Arts, Theology, and Social Studies** courses to complement each department's existing curriculum and instructional goals. While students will engage with the platform in each of these disciplines, the focus varies by subject:

- **English Language Arts:** Supports literary analysis, argumentative and informational writing, vocabulary development, and reading comprehension alongside our core English curriculum.
- **Theology:** Reinforces students' understanding of Scripture, Catholic teachings, ethics, and faith formation through thoughtful reading, discussion, and reflective writing.
- **Social Studies:** Strengthens students' ability to analyze historical documents, evaluate multiple perspectives, interpret primary and secondary sources, and construct evidence-based historical arguments in support of the social studies curriculum.

By utilizing a common literacy framework across these content areas, students consistently practice reading critically, writing effectively, and supporting their ideas with evidence. This interdisciplinary approach enriches classroom instruction, reinforces existing course content, and helps prepare students to become informed citizens, compassionate leaders, and lifelong learners.

Course Descriptions

The following pages describe the courses offered across each academic department. Course codes and credit values are listed for reference. Not all courses are offered every year; availability depends on student interest, enrollment, and Florida Department of Education requirements.

Theology Department

Encountering God: Introduction to the Bible

Course Code: 2101300 · **Credit: 0.5**

Our hearts are restless until they rest in God (cf. St. Augustine). In this course, students will encounter the beauty, truth, and goodness of the God who made each person with so much love and who leads every person to the answers for which they have been searching.

The Revelation of Jesus Christ in Sacred Scripture (Encountering Christ: Who is Jesus Christ?)

Course Code: 2120910 · **Credit: 0.5**

Out of the abundance of His Love, God speaks in Sacred Scripture and invites us to encounter Him in His Word. Students will understand how Jesus reveals Himself in Sacred Scripture, including the origins of Scripture and how the Old Testament prepares for its fulfillment in the New Testament. The primacy of the Gospels will be emphasized, with particular attention given to the person, life, and teachings of Jesus, who is the Word Incarnate.

The Mission of Jesus Christ (The Paschal Mystery)

Course Code: 2105310 · **Credit: 0.5**

Jesus revealed his love to the extreme through His Passion, Death, Resurrection, and Ascension. Students will encounter the redeeming love of Christ and gain a deeper understanding of the effects of the redemption wrought by Christ so that they may participate in it and proclaim it to the whole world.

The Sacraments as Privileged Encounters with Jesus Christ

Course Code: 0900305 · **Credit: 0.5**

Jesus came so that we may have life, and life in abundance (cf. Jn 10:10). Students will learn about the gift of each of the seven Sacraments of the Church, particularly as encounters with Christ and conduits of grace, with special emphasis on the Eucharist as the True Presence of Christ.

Jesus Christ's Mission Continues in the Church

Course Code: 2105350 · Credit: 0.5

Our Church is our Mother who gathers the family of Jesus in His love. Students will learn about the nature of the Catholic Church as established by Jesus Christ, including her origin, identity as the Mystical Body of Christ, and salvific mission throughout time.

Theology of Human Love

Course Code: 1005340 · Credit: 0.5

God is love (1 John 4:8). Students will gain a deeper understanding of the dignity of the human person as a gift and our call to love as the image and likeness of God. Topics include the call to communion, morality as a life in Christ, and what it means to make one's life a gift.

Ecumenical and Interreligious Dialogue

Course Code: 2105340 · Credit: 0.5

"Christ calls all his disciples to unity" (St. John Paul II). Students will learn about the major world religions in relation to the Catholic faith, receiving tools to understand fundamental differences and to perceive elements of truth, goodness, and beauty in other faiths as seeds for the Gospel.

Living as a Missionary Disciple

Course Code: 0800330 · Credit: 0.5

Students will understand how faith is strengthened when given to others. They will be equipped to live as missionary disciples of Jesus Christ, receiving formation and practical tools to coherently witness to their faith after high school and to lead evangelization in their present and future communities.

ENGLISH LANGUAGE ARTS DEPARTMENT

Pre-AP / English 1 Honors

Course Code: 1001415 · **Credit: 1.0**

Pre-AP English 1 focuses on reading, writing, and language skills essential for success in high school and college coursework. Texts take center stage, preparing students for close, critical reading and analytical writing. Students learn to observe details in a text to achieve deeper understanding, and to create complex sentences as a foundation for sophisticated, longer-form analysis.

Focus Areas:

- **Reading Closely:** Students read and analyze a range of complex literary and informational texts
- **Valuing Evidence:** Students evaluate and incorporate textual evidence effectively in writing and speaking
- **Noticing Language Choices:** Students understand how writers use specific words and sentences to move readers' thoughts, emotions, and actions

Pre-AP / English 2 Honors

Course Code: 1001416 · **Credit: 1.0**

Pre-AP English 2 builds on the foundations of Pre-AP English 1. Students apply close reading and critical analysis practices to a new array of nonfiction and literary texts. As writers, students compose more nuanced analytical essays while maintaining craft and cohesion.

Advanced Placement Language & Composition

Course Code: 1001420 · **Credit: 1.0**

In AP English Language and Composition, students read nonfiction texts through the eyes of a writer, exploring the choices writers and speakers make to persuade their audience. By analyzing how writing is composed, students construct their own persuasive pieces.

Skills:

- Reading closely, analyzing, and interpreting a piece of writing
- Evaluating a source of information and gathering information from multiple sources
- Writing an evidence-based argument and revising a piece of writing

Advanced Placement Literature & Composition

Course Code: 1001430 · **Credit: 1.0**

In AP English Literature and Composition, students examine how authors and poets create meaning through purposeful use of language. Students write and refine essays about literature, developing skills of analysis and composition to communicate their interpretation effectively.

Skills:

- Reading a text closely and drawing conclusions from details
- Identifying the techniques used by an author and their effects
- Developing an interpretation of a text and presenting it in writing

ENGLISH ELECTIVES

Creative Writing

Course Code: 1009320 · **Credit: 0.5**

This course helps students develop writing and language skills for creative expression in various literary forms. Students study different genres including poetry, write for various purposes, and learn effective listening, speaking, and viewing strategies. Collaboration with peers supports the revision process.

Writing for College Success

Course Code: 1009370 · **Credit: 1.0**

This course prepares students for college by strengthening their writing skills through language study, writing craft strategies, and analysis of writing selections. The course ensures students are ready for college courses that require extensive writing, aligned to Florida College Competencies for entry-level college courses.

MATHEMATICS DEPARTMENT

Algebra 1 Honors

Course Code: 1200320 · **Credit: 1.0**

Instructional time emphasizes five areas: operations with polynomials and radicals; linear, quadratic, and exponential functions; solving quadratic equations and systems of linear equations; building and representing functions; and interpreting categorical and numerical data.

Geometry Honors

Course Code: 1206320 · **Credit: 1.0**

Instructional time emphasizes five areas: proving and applying relationships in two-dimensional figures; congruence and similarity using Euclidean geometry; geometric measurement in two- and three-dimensional figures; equations of circles in the coordinate plane; and right triangle trigonometry.

Algebra 2 Honors

Course Code: 1200340 · **Credit: 1.0**

Instructional time emphasizes six areas: the complex number system; polynomial division, radical and rational expressions; graphing and analyzing functions including polynomials, exponential and logarithmic; systems of non-linear equations; compositions, inverses, and transformations; and probability concepts.

Pre-Calculus Honors

Course Code: 1202340 · **Credit: 1.0**

Instructional time emphasizes six areas: unit circle trigonometry and trigonometric functions; conic sections; complex numbers and vectors; parametric representations including polar coordinates; and arithmetic and geometric sequences and series.

Advanced Placement Pre-Calculus

Course Code: 1202305 · **Credit: 1.0**

In AP Precalculus, students explore polynomial and exponential functions and many more concepts related to functions, logarithms, and trigonometry that can be applied beyond the classroom.

Skills:

- Algebraically manipulating functions, equations, and expressions
- Translating mathematical information between representations
- Communicating with precise language and providing rationales for conclusions

Calculus Honors

Course Code: 1202300 · **Credit: 1.0**

Instructional time emphasizes four areas: limits and continuity; derivatives and their applications to motion, slopes, related rates, and optimization; graphing and analyzing functions; and evaluating integrals and applying them to areas, volumes, and differential equations.

Probability and Statistics Honors

Course Code: 1210300 · **Credit: 1.0**

Instructional time emphasizes four areas: creating and interpreting data displays; comparing populations using statistical data including confidence intervals and hypothesis testing; probability and probability distributions; and methods for collecting statistical data including randomized trials.

Advanced Placement Statistics

Course Code: 1210320 · **Credit: 1.0**

AP Statistics allows students to discover how the statistics they see every day in AI models, news polls, music rankings, and medical research are developed, and how to evaluate their credibility.

Skills:

- Selecting methods for collecting or analyzing data
- Describing patterns, trends, associations, and relationships in data
- Using probability and simulation to describe distributions and define uncertainty
- Using statistical reasoning to draw appropriate conclusions and justify claims

Advanced Placement Calculus AB

Course Code: 1202310

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally, and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

Advanced Placement Calculus BC

Course Code: 1202320

AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally, and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

SCIENCE DEPARTMENT

Biology 1 Honors

Course Code: 2000320 · **Credit: 1.0**

Students explore Biology at an honors level pace through scientific inquiry, research, measurement, problem-solving, laboratory investigations, and safety procedures. Laboratory work is an integral part of this course.

Chemistry Honors

Course Code: 2003350 · **Credit: 1.0**

Laboratory investigations that include scientific inquiry, research, measurement, problem-solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Physics 1 Honors

Course Code: 2003390 · **Credit: 1.0**

Laboratory investigations that include scientific inquiry, research, measurement, problem-solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Academic pace and rigor are greatly increased at the honors level.

Anatomy and Physiology Honors

Course Code: 2000360 · **Credit: 1.0**

Students explore laboratory investigations that include scientific inquiry, research, measurement, problem-solving, laboratory apparatus and technologies, experimental procedures, and safety procedures as an integral part of this course.

Advanced Placement Biology

Course Code: 2000340 · **Credit: 1.0**

From the smallest units of life to how healthy ecosystems can be sustained, AP Biology explores the key principles of biology including genetics, evolution, energy flow, and other core topics. Students learn to think critically, solve problems, and communicate scientific ideas effectively.

Skills:

- Designing experiments and procedures to test a prediction or theory
- Collecting, analyzing, and interpreting data to draw conclusions
- Developing and supporting a scientific claim with evidence

Advanced Placement Chemistry

Course Code: 2003370 · Credit: 1.0

In AP Chemistry, students examine the atomic and molecular interactions that result in all the varied materials and changes observable daily, and how to test and analyze errors in an experiment properly.

Skills:

- Designing experiments and procedures to test a prediction or theory
- Creating graphs, diagrams, and models that represent chemical phenomena
- Writing chemical equations and using them to calculate quantities in reactions
- Making a scientific claim and supporting it with evidence

Advanced Placement Physics C: Mechanics

Course Code: 2003430 · Credit: 1.0

In AP Physics C: Mechanics, students explore concepts such as motion, gravitation, momentum, and rotation using conceptual explanations and calculus-based mathematics.

Skills:

- Creating representations that depict physical phenomena
- Conducting analyses to derive, calculate, estimate, or predict
- Describing experimental procedures and analyzing data to support claims

Advanced Placement Environmental Science

Course Code: 2001380 · Credit: 1.0

Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work, exploring energy transfer, interactions between earth systems, interactions between species and environment, and sustainability.

HISTORY & SOCIAL STUDIES DEPARTMENT

World History Honors

Course Code: 2109320 · **Credit: 1.0**

This course provides an in-depth study of the history of civilizations and societies, including the history of North and South America. Students explore historical periods up to the beginning of the 21st century and examine the relationship between cause and effect in historical events.

U.S. History Honors

Course Code: 2100320 · **Credit: 1.0**

The primary content emphasis pertains to the study of United States history from Reconstruction to the present day. Students are exposed to the historical, geographic, political, economic, and sociological events that influenced the development of the United States and the resulting impact on world history.

United States Government Honors

Course Code: 2106320 · **Credit: 0.5**

The primary content pertains to the study of government institutions and political processes and their historical impact on American society, including the functions of government, constitutional framework, federalism, separation of powers, and political decision-making.

Economics Honors

Course Code: 2102320 · **Credit: 0.5**

The primary content pertains to concepts and processes of national and international economic systems, including currency, banking, monetary policy, major economic theories, global markets, fiscal policy, economic measurements, and the business cycle.

Advanced Placement U.S. Government and Politics

Course Code: 2106420 · **Credit: 0.5**

In AP United States Government and Politics, students examine the relationships between the president, Congress, and the Supreme Court and explore how different political ideologies and opinions shape American politics.

Skills:

- Connecting political concepts to real-life situations
- Analyzing data to find patterns and trends and draw conclusions
- Reading and analyzing text and visual sources
- Developing a claim or thesis and supporting it in an essay

Advanced Placement Human Geography

Course Code: 2103400 · Credit: 1.0

Students investigate population trends, explore diverse cultural landscapes, and identify spatial patterns across various scales, examining people's diverse interactions with the environment.

Skills:

- Connecting geographic concepts and processes to real-life scenarios
- Understanding information shown in maps, tables, charts, graphs, and images
- Seeing patterns and trends in data and visual sources and drawing conclusions

Advanced Placement World History: Modern

Course Code: 2109420 · Credit: 1.0

In AP World History: Modern, students learn about the rise and fall of empires, the evolution of technology, and the cultural and social changes that have shaped our world, exploring civilizations and cultures from a global perspective.

Skills:

- Evaluating primary and secondary sources
- Analyzing the claims, evidence, and reasoning found in sources
- Putting historical developments in context and making connections between them
- Developing a claim or thesis and supporting it in writing

Psychology

Course Code: 2107300 · Credit: 0.5

Students gain an understanding of and appreciation for human behavior, behavioral interactions, and the progressive development of individuals. Content includes major theories of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, and coping strategies.

Sociology

Course Code: 2108300 · Credit: 0.5

Students develop an understanding of group interaction and its impact on individuals. This awareness of others' beliefs, values, and behavior patterns is essential for recognizing how group behavior affects individuals and society in an increasingly interdependent world.

WORLD LANGUAGES DEPARTMENT

Spanish 1

Course Code: 0708340 · **Credit: 1.0**

Spanish 1 introduces students to the target language and its culture. Students develop communicative skills in all three modes of communication and cross-cultural understanding. An introduction to reading and writing is included alongside study of culture, connections, comparisons, and communities.

Spanish 2

Course Code: 0708350 · **Credit: 1.0**

Spanish 2 reinforces the fundamental skills acquired in Spanish 1, developing increased listening, speaking, reading, and writing skills as well as cultural awareness. Reading and writing receive more emphasis while oral communication remains the primary objective.

Spanish 3 Honors

Course Code: 0708360

Spanish 3 provides mastery and expansion of skills acquired by the students in Spanish 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

Advanced Placement Spanish Language and Culture

Course Code: 0708400 · **Credit: 1.0**

Students immerse themselves in the second most spoken language in the world, exploring topics such as family, identity, health, technology, global challenges, and art. Students learn to understand Spanish through listening and reading, hold conversations in real-life situations, and write in a variety of forms.

Advanced Placement Spanish Literature and Culture

Course Code: 0708410 · **Credit: 1.0**

AP Spanish Literature is equivalent to a college-level introductory survey course on literature written in Spanish. Students develop interpretive, interpersonal, and presentational skills in Spanish as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors.

ELECTIVE COURSE OFFERINGS

FINE ARTS

Two-Dimensional Studio Art 1

Course Code: 0101300 · **Credit: 1.0**

Students experiment with media and techniques used to create two-dimensional artworks through drawing, painting, printmaking, collage, and design. Students practice and manipulate the structural elements of art and evaluate their work and that of their peers through the critique process.

Digital Art Imaging 1

Course Code: 0108370 · **Credit: 1.0**

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies.

Music of the World

Course Code: 1300340 · **Credit: 1.0**

Students explore the musical traditions of 20th- and 21st-century American and global communities through study of current trends, focusing on the function of music within various cultures including jazz, world drumming, mariachi, soul, and digital forms. Public performances may serve as a resource for specific instructional goals.

Introduction to Drama

Course Code: 0400300 · **Credit: 1.0**

Students explore various performance, technical, and administrative aspects of theater, including basic characterization, selected theater literature, theatrical reviews, scripts, costuming, and theatrical makeup. Public performances may serve as a resource for specific instructional goals.

Theatre, Cinema, and Film Production

Course Code: 0400660 · **Credit: 1.0**

Students explore the elements of film and cinematic techniques, studying how film techniques serve the story and articulate the theme. Students also prepare a comparative for theater, film, and literature. Public performances and production work may extend beyond the school day.

Visual Technology

Course Code: 0107440 · **Credit: 1.0**

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work through computers, digital cameras, photo editing software, drawing and painting software, graphic tablets, and emerging technologies.

PHYSICAL EDUCATION

Personal Fitness

Course Code: 1501300 · **Credit: 0.5**

This course provides the knowledge and skills necessary for students to become healthy and physically active for a lifetime, addressing both health and skills-based components of physical fitness. Health education topics include injury prevention, nutrition, personal health, disease prevention, and resiliency education.

Personal Financial Literacy and Money Management

Course Code: 8500120 · **Credit: 0.5**

The purpose of this course is to give students an overview of personal and family finance concepts including the American economic system, personal and family management of resources including income, money management, saving and investing, spending and credit, the role of financial institutions and the consumer, consumer information, taxation, and financial planning.

HOPE Physical Education

Course Code: 1506320 · **Credit: 1.0**

This course develops and enhances behaviors that influence healthy lifestyle choices, student health and physical fitness. Students combine learning principles and background knowledge with physical application. Most of this course is spent engaging in physical activity.

BUSINESS AND LEADERSHIP

Leadership Skills Development

Course Code: 2400300 · **Credit: 1.0**

This course teaches leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time management, public speaking, and team building. One important component of the grade is based on the student's Corporate Work Study assignment and performance.

Leadership Techniques Honors

Course Code: 2400310 · Credit: 1.0

This course provides an in-depth study of leadership techniques including decision making, problem solving, meeting skills, communication, conflict reduction, evaluation, team building, motivational strategy, and the role of leadership in a democratic society. One important component of the grade is based on the student's Corporate Work Study assignment and performance.

Leadership Strategies Honors

Course Code: 2400320 · Credit: 1.0

Building on Leadership Techniques, this course develops meetings skills, communication skills, motivational strategies, character development, group dynamics, community relations, and civic responsibility. One important component of the grade is based on the student's Corporate Work Study assignment and performance.

Approaches to Leadership Honors

Course Code: 2400330 · Credit: 1.0

This course facilitates the summative application of leadership skills emphasizing organizational management, goal setting, communication with varied audiences, peer mediation, citizenship, conflict resolution, healthy decision-making, and strategies for self-reflection. One important component of the grade is based on the student's Corporate Work Study assignment and performance.

Business and Entrepreneurial Principles

Course Code: 8215120 · Credit: 1.0

An introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, forms of business ownership, organizational structures, supervisory and management skills, leadership skills, human resources management, business ethics, and cultural diversity.

Management and Human Resources

Course Code: 8301110 · Credit: 1.0

Students explore the reach and impact of managing people as one of the most important resources of an organization. Topics include management policy development, evaluating organizational effectiveness, sourcing and recruitment, hiring and retention planning, employee training, performance appraisals, and compensation and benefit programs.

Business Analysis

Course Code: 8301120 · Credit: 1.0

This course provides a higher level of understanding of business systems, accounting concepts, financial information, data analysis skills, business information management with appropriate software, requirements analysis of information systems, and database management.

Legal Aspects of Business

Course Code: 8215130 · **Credit: 1.0**

An introduction to the legal aspects of business. Topics include business law concepts, forms of business ownership, insurance awareness, governmental regulations, management functions, human resources management issues, and career development.

AP CAPSTONE

Advanced Placement Seminar

Course Code: 1700500 · **Credit: 1.0**

AP Seminar is a foundational course that engages students in cross-curricular conversations exploring the complexities of academic and real-world topics by analyzing divergent perspectives. Students learn to investigate a problem, analyze arguments, compare perspectives, synthesize information from multiple sources, and communicate their ideas individually and collaboratively.

Advanced Placement Research

Course Code: 1700510 · **Credit: 1.0**

AP Research allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. The course culminates in an academic paper of 4,000–5,000 words and a presentation with an oral defense.