



Carmel Catholic 2022-2023 Course Guide Catalog

BUSINESS & TECHNOLOGY DEPARTMENT

Accounting DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Accounting Dual Credit
Course No.: 0718
Prerequisite: 3.0 cum GPA
Credit: 1.0 / One year
Grades: 11, 12

Accounting Dual Credit emphasizes the development and reporting of accounting information for use by investors, creditors, and others. Students will develop skills in the preparation and use of accounting information; will demonstrate an understanding of the accounting process; and will be able to evaluate the impact of estimates, alternative accounting principles, and the limitations of the accounting model. Topics of study include the preparation and use of financial statements; the accounting process; and the measurement and reporting of income, assets, liabilities, and owner's equity.

Course credit is contingent upon additional prerequisites of the partnering institution.

Business Accelerator H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Business Accelerator Honors
Course No.: 0705
Prerequisite: Business INCubator Honors and Department Chair approval.
Credit: 1.0 / One year
Grades: 11,12

Business Accelerator Honors is only for students who have received funding to implement the business they created in the Business Incubator Course. Focus in this course is on scaling the business pitched to investors at the end of the Business INCubator Course.

Students will run their business for the full school year. Areas of importance include managing project deadlines, opening a business bank account, managing funds, conducting quarterly investor presentations, developing a marketing plan, developing a sales playbook, acquiring customers, presenting to potential customers, developing a website, managing production, developing a prototype, and fully running the business that was created in the Business Incubator Program.

Business Incubator H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 11

Business INCubator Honors
Course No.: 0700
Prerequisite: None
Credit: 1.0 / One year
Grades: 10, 11 with department chair approval

Business INCubator Honors students will learn to become true entrepreneurs. This innovative course will challenge students to develop products or services that meet the needs or wants of a customer segment. They will research markets and design the products/services that appeal to customers.

From this they will develop a prototype and marketing strategies. Students will plan for Pitch Night where students will pitch their innovative idea to potential investors to possibly win funding to turn their business plan into reality.

Real-world entrepreneurs and business experts will serve as mentors, guiding student teams through the curriculum and experience.

Business Logistics & Operations Management H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Business Logistics & Operations Management Honors

Course No.: 0732

Prerequisite: None

Credit: 0.5 / One semester

Grades: 10, 11, 12

Other: Please see instructor for possible required hours outside of class.

Business Logistics & Operations Management Honors emphasizes the essentials of supply chain and operations management, the transportation and distribution process, managing personnel as well as the professional business and communication skills required to excel in the field. To complete this course, students need to participate in the internship program at Carmel Cafe. The internship aspect will be hands on experience utilizing the knowledge and skills developed during the class to run the business.

Finance and Investments H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Finance and Investments Honors

Course No.: 0711

Prerequisite: None

Credit: 0.5 / One semester

Grades: 11, 12

Finance and Investments Honors will discuss saving and investing, and introduce students to the concept of diversification. Stocks, bonds, mutual funds and real estate will be explored. Additionally, the private enterprise system, business ownership options, the development of a business and financial plan, and business finance basics will be covered.

Girls of Today, Leaders of Tomorrow UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Girls of Today, Leaders of Tomorrow Upper College Prep

Course No.: 0740

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Girls of Today, Leaders of Tomorrow Upper College Prep explores the concepts of major topics that influence women in today's society. The course is taught thematically with topics ranging from, but not limited to politics, leadership, education, sports, media/image and safety. Girls of Today, Leaders of Tomorrow class goals include the enhancement of the women's sense of self, appreciation for women centered values, a deepening awareness of the effects of gender for both sexes, and an increased respect among women and between women and men.

Google Tools UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 10

Google Tools Upper College Prep

Course No.: 0779

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10

Google Tools Upper College Prep discovers the many facets of Google Suite and will equip students with foundational digital skills needed for success in online and blended learning environments. Hands-on and student-led learning will empower students to use technology as a tool to create solutions, collaborate with peers, communicate understanding, and solve real world problems. Students will use the main features of Google Suite, such as documents, spreadsheets, and presentations, plus employ the organizational elements within each.

Healthcare Administration and Management H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Healthcare Administration and Management Honors
Course No.: 0712
Prerequisite: None
Credit: 0.5 / One semester
Grades: 11, 12

Healthcare Administration and Management Honors deals with the practice of managing, leading, overseeing, and administering the operation of dynamic, complex health care entities. Focus will be on environmental analysis, strategy formulation, organizational design, human resources and finance.

International Business H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

International Business Honors
Course No.: 0796
Prerequisite: None
Credit: 0.5 / One semester
Grades: 11, 12
Other: Not offered 2022-23, offered 2023-24

International Business Honors encompasses the interconnectedness of the world's global economies and their relationship to the U.S. This course dissects the U.S. Government's policies in context with its international trading partners and provides insight into how this delicate balance is maintained and managed.

Areas of study include history, geography, politics, policies, cultures, natural resources, labor forces, management, marketing, finance, business math, business law, and entrepreneurship. Entities involved in international business range from large, multinational firms with thousands of employees doing business in many countries to a small, one-person company acting as an importer or exporter. International business impacts the global economy and is one of the most prevalent topics taught in business schools today.

Introduction to Accounting UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Introduction to Accounting Upper College Prep
Course No.: 0723
Prerequisite: None
Credit: 0.5 / One semester
Grades: 10, 11, 12

Introduction to Accounting Upper College Prep will prepare students who are thinking of pursuing the study of business in college. This course will provide students with a foundation in accounting--the language of business--by addressing accounting theory and basic functions. Emphasis is on debit/credit theory, the accounting cycle, an financial statement analysis.

Introduction to Business DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Introduction to Business Dual Credit

Course No.: 0717

Prerequisite: 3.0 cum GPA

Credit: 1.0 / One year

Grades: 11, 12

Introduction to Business Dual Credit provides a broad overview of the principles, functions, and careers in business. Topics included are: economics, global business, ethics, business structures, entrepreneurship, management, marketing, accounting, finance and operations management. This course presents an expanded, college-level study of many concepts presented in Introduction to Business UCP, which is not required as a prerequisite.

Course credit is contingent upon additional prerequisites of the partnering institution.

Introduction to Business UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 10

Introduction to Business Upper College Prep

Course No.: 0725

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10

Introduction to Business Upper College Prep, an introductory level business course, is specifically for freshman and sophomore students and aims at exploring fundamental business concepts. Topics discussed include accounting, economics, marketing, finance, Management, entrepreneurship, and the impact of globalization. Students will experience a scenario-based class with an emphasis on solving real-world problems that are encountered in the fast paced world of business.

Management & Leadership UCP

Aug 1 - Jun 1, 2023

Grade 11 - Grade 12

Management and Leadership Upper College Prep

Course No.: 0797

Prerequisite: None

Credit: 0.5 / One semester

Grades: 11, 12

Management & Leadership Upper College Prep provides an excellent background for students planning to pursue a business major in college. It is the study of the structures and practices of business organizations operating under our free enterprise economy. Topics include international business, entrepreneurship, total quality management, organizational teamwork, human resources, leadership styles, labor management negotiations, and multicultural diversity.

Students will examine the environment of small business ownership, the procedures and skills necessary to manage and open a small business, and the policies and practices of a successful business operation. Students will use computer applications and the internet to explore business trends in management.

Marketing UCP

Aug 1 - Jun 1, 2023

Grade 10 - Grade 12

Marketing Upper College Prep

Course No.: 0736

Prerequisite: None

Credit: 0.5 / One semester

Grades: 10, 11, 12

Marketing Upper College Prep provides an excellent insight into the world of marketing. Areas of study include promotion, pricing, purchasing, visual

merchandising, market research, and product planning. Students will research international and web marketing, in addition to the ethics surrounding this field of study.

The aim of the course is to get a taste of the exciting world of marketing and investigate how goods and services are developed and promoted in the marketplace. Students will work on real-world projects that allow students creative flair in this dynamic, challenging, and essential area of the business world.

Personal Finance UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Personal Finance Upper College Prep
Course No.: 0733
Prerequisite: None
Credit: 0.5 / One semester
Grades: 10, 11, 12

Personal Finance Upper College Prep encourages students to become prudent managers of their financial resources. The goal is to provide students with financial knowledge and life skills to carry forward into adulthood. Topics to be discussed include: the financial planning process, measuring financial health and making a plan, understanding and appreciating the time value of money, tax planning, cash and liquid asset management, using credit cards, student and consumer loans, and making home and automobile decisions.

Principles of Macroeconomics DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Principles of Macroeconomics Dual Credit
Course No.: 0713
Prerequisite: 3.0 cum GPA
Credit: 1.0 / One year
Grades: 11, 12
Other: Offered 2022-23, NOT offered 2023-24

Principles of Macroeconomics Dual Credit surveys the basic economic concepts with an emphasis on macroeconomic analysis and fiscal and monetary policies. Current economic problems such as inflation, unemployment, and stagflation are explored and discussed from diverse economic models including: Classical, Neo Keynesian, NeoClassical, Monetarist, and Rational Expectations Models. The discussions also include an analysis of macroeconomic policies.

Course credit is contingent upon additional prerequisites of the partnering institution

Principles of Microeconomics DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Principles of Microeconomics Dual Credit
Course No.: 0714
Prerequisite: 3.0 cum GPA
Credit: 1.0 / One year
Grades: 11, 12
Fee: None
Other: Offered 2023-24, NOT offered 2022-23

Principles of Microeconomics Dual Credit deals with economic decision making at the level of the individual household, the individual firm, and individual markets. The course covers basic microeconomic concepts such as competitive markets, supply and demand, elasticity, consumer theory, theory of the firm, competitive firms, monopoly, oligopoly, and monopolistic competition, resource pricing and select current economic problems.

Course credit is contingent upon additional prerequisites of the partnering institution

Technology Student Internship 2.0 H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Technology Student Internship 2.0 Honors
Course No.: 0728
Prerequisite: Technology Student Internship
Credit: 0.5 / One semester
Grades: 10, 11, 12

Technology Student Internship 2.0 Honors students continue to serve as the primary provider of technical support for the school. In addition to the roles in TSI, TSI 2.0 students will need to be available before or after school hours for a limited number of school functions requiring technical support. Students will also be required to pursue an approved certification through independent study, such as CompTIA A+, MOS (Microsoft Office Specialist), and Google Apps Certifications.

Technology Student Internship UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Technology Student Internship Upper College Prep
Course No.: 0724
Prerequisite: None
Credit: 0.5 / One semester
Grades: 10, 11, 12

Technology Student Internship Upper College Prep students will serve as the primary provider of technical support for the school. This hands-on course will provide students with the skills necessary to troubleshoot and repair Chromebook, classroom, and other technical problems, and utilize professional data tracking software. Students will understand how a help desk functions and how it is used in the school. Students may have the opportunity to earn certifications, such as CompTIA A+, MOS (Microsoft Office Specialist), and Google Apps Certifications

Web Design H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Web Design Honors
Course No.: 0790
Prerequisite: None
Credit: 0.5 / One semester
Grades: 9, 10, 11, 12

Web Design Honors uses Adobe Creative Cloud Software and features Dreamweaver's updated CC version to design a website. Students will create a web site that has responsive layouts to fit various types of devices—being a smart phone to a PC. Students will work with the Bootstrap features of Dreamweaver to design layouts, use HTML and HTML 5 semantics, and CSS formatting to design web page content. Dreamweaver will write the code of the website, and students learn to read code as they work with their websites. In this project-based course, students will use design techniques to create forms, responsive images, carousel, video, and gallery layouts to create dynamic and interactive web sites.

ENGINEERING DEPARTMENT

Aerospace Engineering DC

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Aerospace Engineering Dual Credit
Course No.: 2020
Prerequisite: Completion of Principles of Engineering with 80% or better
Credit: 1.0 / One year
Grades: 9, 10, 11, 12
Fee: \$100

Aerospace Engineering Dual Credit continues the work of previous engineering courses by introducing students to the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets.

Students also learn basic orbital mechanics using industry-standard software and explore robot systems through projects such as remotely operated vehicles.

Course credit is contingent upon additional prerequisites of the partnering institution.

Civil Engineering and Architecture DC

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Civil Engineering and Architecture Dual Credit

Course No.: 2013

Prerequisite: Completion of Principles of Engineering with an 80% or better.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Fee: \$100

Civil Engineering & Architecture Dual Credit continues the work of previous engineering courses by introducing students to important aspects of building and site design and development. Students apply math, science, and standard engineering practices to design both residential and commercial projects and document their work. Students progress from completing structured activities to solving open ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Course credit is contingent upon additional prerequisites of the partnering institution.

Computer Science A AP/DC

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Computer Science A Advanced Placement/Dual Credit

Course No.: 2055

Prerequisite: Computer Science Principles Advanced Placement / Dual Credit

Credit: 1.0 / One year

Grades: 10, 11, 12

Fee: \$100 for AP fee

Computer Science A Advanced Placement / Dual Credit (CSA) is a PLTW Course designed to follow the Computer Science Principles Course (CSP). Throughout the Computer Science A course experience, students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP[®] Computer Science A (AP CSA). This endorsement affirms that all components of PLTW CSA's offerings are aligned to the AP Curriculum Framework standards and the AP CSA assessment.

Computer Science Principles AP/DC

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Computer Science Principles Advanced Placement/Dual Credit

Course No.: 2050

Prerequisite: None

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Fee: \$100 for AP fee

Computer Science Principles Advanced Placement/Dual Credit (CSP) is a PLTW course to implement the College Board's new AP CS Principles framework using the Python language. Students work in teams to develop computational thinking and solve problems. The course does not aim to teach mastery of a single programming language but aims instead to develop computational thinking, to generate excitement about the field of computing, and to introduce computational tools that foster creativity. The course also aims to build students' awareness of the tremendous demand

for computer specialists and for professionals in all fields who have computational skills. Each unit focuses on one or more computationally intensive career paths. The course also aims to engage students to consider issues raised by the present and future societal impact of computing.

Course credit is contingent upon additional prerequisites of the partnering institution.

Digital Electronics DC

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Digital Electronics Dual Credit

Course No.: 2021

Prerequisite: Completion of Principles of Engineering with an 80% or better.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Fee: \$100

Digital Electronics Dual Credit continues the work of previous engineering courses by introducing the students to the fundamentals of electrical engineering, electronics and circuit design. From smartphones to appliances, digital circuits are all around us. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. Course credit is contingent upon additional prerequisites of the partnering institution.

Engineering Design and Development DC

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Engineering Design and Development Dual Credit

Course No.: 2022

Prerequisite: Completion of three engineering courses AND teacher recommendation.

Credit: 1.0 / One year

Grades: 10, 11, 12

Fee: \$100

Engineering Design and Development Dual Credit is the capstone course that brings together the knowledge and the skills that students have acquired throughout the PLTW Engineering curriculum. Students identify an issue and then research, design and test a solution, ultimately presenting the solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

Course credit is contingent upon additional prerequisites of the partnering institution.

Introduction to Engineering Women DC

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Introduction to Engineering Women Only Dual Credit

Course No.: 2010

Prerequisite: None

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Fee: \$100

Introduction to Engineering - Women Only Dual Credit students will learn how to model, improve, and develop products, both in and out of the classroom, through design challenges and a distinct problem-solving model. Students will learn to sketch solutions by hand and to illustrate solutions using sophisticated three-dimensional modeling software. Emphasis in class is placed on documenting the design process when analyzing and considering solutions. Students will also learn how best to communicate and present ideas to others.

Course credit is contingent upon additional prerequisites of the partnering institution.

Introduction to Engineering DC

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Introduction to Engineering Dual Credit

Course No.: 2003

Prerequisite: None

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Fee: \$100

Introduction to Engineering Dual Credit students will learn how to model, improve, and develop products, both in and out of the classroom, through design challenges and a distinct problem-solving model. Students will learn to sketch solutions by hand and to illustrate solutions using sophisticated three-dimensional modeling software. Emphasis in class is placed on documenting the design process when analyzing and considering solutions. Students will also learn how best to communicate and present ideas to others.

Course credit is contingent upon additional prerequisites of the partnering institution.

Principles of Engineering DC

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Principles of Engineering Dual Credit

Course No.: 2002

Prerequisite: Completion of Introduction to Engineering with an 80% or better.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Fee: \$100

Principles of Engineering Dual Credit students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Through problems that engage and challenge, students will continue to learn general engineering skills. Students will develop problem-solving skills and will become leaders in terms of identifying and solving problems. Course credit is contingent upon additional prerequisites of the partnering institution.

Course credit is contingent upon additional prerequisites of the partnering institution.

Robotics 1 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Robotics 1 Honors

Course No.: 2019

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Fee: \$200

Robotics 1 Honors is a hands-on course where students build and code robotic devices. Students will have to use this process to solve a large variety of problems with different robotic devices. Interested students should enjoy a challenge, want to work with their hands, and approach every class with energy and enthusiasm.

Robotics 2 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Robotics 2 Honors

Course No.: 2060

Prerequisite: Robotics 1 Honors

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Fee: \$200

Robotics 2 Honors is a second course in hands-on building and coding robotics devices. This course introduces students to situations where technicians receive multiple components of a robotics system that require assembly, installation, and debugging. Students learn how to integrate components such as a vision sensor (camera) system, breadboard, servo motors, and embedded microprocessor from multiple hardware vendors. The learner will "unpack and test" components and refine "robot navigation programming" through this curriculum.

ENGLISH DEPARTMENT-CORE

English 09 CP

Aug 1 - Jun 1, 2023 Grade 9

English 9 College Prep

Course No.: 0112

Prerequisite: None

Credit: 1.00 / One year

Grades: 9

English 9 College Prep focuses on building a solid foundation of skills in reading, writing, grammar, vocabulary, listening, and discussion.

Students review the basic elements of grammar and regularly learn and use new vocabulary. Students build their academic writing skills, focusing on supporting a clear point with specific evidence in paragraphs and essays, and using the writing process to improve their communication. Students practice basic research skills, learning how to use and cite information. Much time is devoted to the practice of building active reading skills. Class discussion of novels, dramas, poetry, short stories, and nonfiction helps to build students' critical thinking and verbal communication skills

English 09 H

Aug 1 - Jun 1, 2023 Grade 9

English 9 Honors

Course No.: 0110

Prerequisite: None

Credit: 1.00 / One year

Grades: 9

English 9 Honors is offered to highly motivated and capable students, and is designed to enrich reading, writing, grammar, vocabulary, listening, and discussion skills.

Students review the basic elements of grammar in order to improve their sentences and engage in the writing process as they compose expository, narrative, and creative paragraphs and essays. Students practice basic research skills, learning how to use, evaluate, and cite information. Students practice close reading and analyze a variety of texts, including novels, dramas, short stories, poetry, and nonfiction.

English 09 UCP

Aug 1 - Jun 1, 2023 Grade 9

English 9 Upper College Prep

Course No.: 0111

Prerequisite: None

Credit: 1.00 / One year

Grades: 9

English 9 Upper College Prep focuses on building a solid foundation of skills in reading, writing, grammar, vocabulary, listening, and discussion.

Students review the basic elements of grammar and regularly learn and use new vocabulary. Students build their academic writing skills, focusing on

supporting a clear point with specific evidence in paragraphs and essays, and using the writing process to improve their communication. Students practice basic research skills, learning how to use and cite information. Much time is devoted to the practice of building active reading skills. Class discussion of novels, dramas, poetry, short stories and nonfiction helps to build students' critical thinking and verbal communication skills.

English 10 CP

Aug 1 - Jun 1, 2023 Grade 10

English 10 College Prep

Course No.: 0125

Prerequisite: Approval of English Department based upon student's performance review

Credit: 1.00 / One year

Grades: 10

English 10 College Prep reinforces skills in reading, writing, grammar, vocabulary, discussion, and presentation. Students review sentence patterns and punctuation to help them compose stronger sentences. Students practice fundamental research skills, including finding and evaluating sources before selecting, paraphrasing, quoting, and citing source material using MLA formatting standards. Students read a range of multicultural texts that offer diverse perspectives, including novels, dramas, short stories, poetry, and nonfiction. Class discussions and writing assignments are tools used to aid students in becoming critical readers and thinkers, and short oral presentations allow students to practice public speaking skills. Writing assignments and discussion encourage students to consider the role of literature in conveying both the commonalities and diversities of human experience.

English 10 H

Aug 1 - Jun 1, 2023 Grade 10

English 10 Honors

Course No.: 0123

Prerequisite: Approval of English Department based upon student's performance review.

Credit: 1.00 / One year

Grades: 10

English 10 Honors is offered to highly motivated and capable students, and is designed to enrich reading, writing, grammar, vocabulary, discussion, and speaking skills.

Grammar studies are crafted to help students write stronger sentences.

Students work on evaluating and synthesizing multiple sources of information and using such sources to strengthen their presentations and essays, citing sources in MLA formatting. Students use close reading, discussion, and analytical writing to examine a variety of multicultural texts, including novels, dramas, short stories, poetry, and nonfiction. Writing assignments and discussion encourage students to consider the role of literature in conveying both the commonalities and diversities of human experience.

English 10 UCP

Aug 1 - Jun 1, 2023 Grade 10

English 10 College Prep

Course No.: 0124

Prerequisite: Approval of English Department based upon student's performance review

Credit: 1.00 / One year

Grades: 10

English 10 Upper College Prep reinforces skills in reading, writing, grammar, vocabulary, discussion, and presentation.

Students review sentence patterns and punctuation to help them compose stronger sentences. Students practice fundamental research skills, including finding and evaluating sources before selecting, paraphrasing, quoting, and citing source material using MLA formatting standards. Students read a range of multicultural texts that offer diverse perspectives, including novels, dramas, short stories, poetry, and nonfiction. Class discussions and writing assignments are tools used to aid students in becoming critical readers and thinkers, and short oral presentations allow students to practice public speaking skills. Writing assignments and discussion encourage students to consider the role of literature in conveying both the commonalities and diversities of human experience.

English 11 H

Aug 1 - Jun 1, 2023 Grade 11

English 11 Honors

Course No.: 0128

Prerequisite: Approval of English Department based upon student's performance review.

Credit: 1.00 / One year

Grades: 11

English 11 Honors is available for highly motivated students who have demonstrated strong analytical, reading, and writing skills.

Students expand their vocabularies and target weaknesses in their use of English language conventions. Reading and grammar lessons support students' preparation for national standardized tests. Students build their close reading skills with a study of a range of American novels, short stories, dramas, poetry, and nonfiction and examine the relationships among historical events, cultural shifts, and literature. Students practice public speaking and write in a range of modes with a focus on argumentation and literary analysis. Students engage in an independent and extended research project following MLA formatting standards.

English 11 UCP

Aug 1 - Jun 1, 2023 Grade 11

English 11 Upper College Prep

Course No.: 0127

Prerequisite: Approval of English Department based upon student's performance review.

Credit: 1.00 / One year

Grades: 11

English 11 Upper College Prep continues to build students' facility with reading, writing, and verbal communication.

Students expand their vocabularies and target weaknesses in their use of English language conventions. Reading and grammar lessons support students' preparation for national standardized tests. Students build their close reading skills with a study of a range of American novels, short stories, dramas, poetry, and nonfiction and examine the relationships among historical events, cultural shifts, and literature. Students practice public speaking and write in a range of modes with a focus on argumentation and literary analysis. Students engage in an extended research project following MLA formatting standards.

English 12 UCP

Aug 1 - Jun 1, 2023 Grade 12

English 12 Upper College Prep

Course No.: 0141

Prerequisite: Approval of English Department based upon student's performance review.

Credit: 1.00 / One year

Grades: 12

English 12 Upper College Prep prepares students for college-level writing and reading.

Students read multicultural literature and nonfiction featuring a wide range of experiences and ideas. Through studying the literature and reading about related current events, students deepen their understanding and appreciation of the writer's craft and its role in cultural and individual expression. With an emphasis on argumentation and personal response, students explore their ideas in formal and informal papers, in Socratic discussions, and in individual presentations. Students are challenged to think critically about their own ideas and the ideas of the authors studied, and to use the writing process to set goals and evaluate their own progress.

English Composition 1 DC

Aug 1 - Jun 1, 2023 Grade 12

English Composition 1 Dual Credit

Course No.: 0190

Prerequisite: Cumulative GPA of 3.0 and Approval of English Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 12

English Composition 1 Dual Credit is available to motivated seniors demonstrating strong writing and organizational skills who are ready for college-level work. Students who take this course can earn college credit while at the same time fulfilling Carmel Catholic graduation requirements. Students will engage in the analysis and practice of argument and the use of critical thinking to read, analyze, and produce college-level essays in a variety of modes. Within each semester, students will write a minimum of four essays including a research paper. In addition, students will read longer works independently.

Course credit is contingent upon additional prerequisites of the partnering institution.

English Language and Composition AP

Aug 1 - Jun 1, 2023 Grade 11

English Language and Composition Advanced Placement

Course No.: 0135

Prerequisite: Approval of English Department based upon student's performance review.

Credit: 1.00 / One year

Grades: 11

Fee: \$114 fee includes the AP exam

Advanced Placement English Language and Composition aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts.

Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate syntactical and grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in nonfiction texts and graphic images from many disciplines and historical periods, with a focus on American literature. Students write formal essays and frequent timed essays.

English Literature & Composition AP

Aug 1 - Jun 1, 2023 Grade 12

English Literature and Composition Advanced Placement

Course No.: 0145

Prerequisite: Approval of English Department based upon student's performance review.

Credit: 1.00 / One year

Grades: 12

Fee: \$100 fee includes the AP exam.

English Literature and Composition Advanced Placement prepares students to take the English Literature and Composition AP Exam. It is available for highly motivated and capable students ready for college-level literary analysis.

Students read a range of narrative literature--novels, short stories, and drama--and study poetry in depth. Through independent and group study in and out of class, they sharpen their awareness of language and how authors of imaginative literature use it to create meaning, expressing and examining the range of human experience. Preparation for and participation in class discussion and activities is imperative. Students use the writing process to improve their ideas and their use of supporting evidence and language as they work on various expository and argumentative assignments, though the primary focus is on literary analysis. Students frequently write under timed conditions.

Creative Writing UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Creative Writing Upper College Prep
Course No.: 0162
Prerequisite: None
Credit: 0.5 / One semester
Grades: 10, 11, 12

Creative Writing Upper College Prep is designed for writers who want to practice the craft of writing in its many forms. Students will spend time in and out of class writing journals, short stories, drama, poetry, and assorted nonfiction. Students will engage in guided writing exercises to encourage new uses of language and structure. Much of the work will look at writing as a process, and students will share work with both peers and instructor during revision.

Film as Narrative UCP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Film as Narrative Upper College Prep
Course No.: 0160
Prerequisite: None
Credit: 0.5 / One semester
Grades: 11, 12

Film as Narrative Upper College Prep explores the history of cinema with a focus on film as an art form. Narrative structure is emphasized, with ample time given to studying the craft of filmmaking. Skills such as screenwriting, editing, directing, lighting, and cinematography are examined in reading, discussion, and extensive written analysis. Students will learn how classic and contemporary films are constructed with the aid of a comprehensive text, online resources, film clips, and full-feature presentations.

Introduction to Journalism UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Introduction to Journalism Upper College Prep
Course No.: 8010
Prerequisite: None
Credit: 0.5 / One semester
Grades: 9, 10, 11, 12

Introduction to Journalism Upper College Prep students will learn to write and produce multimedia journalistic content. Emphasis will be placed on basics of journalistic writing and reporting, and the basics of media law and ethics, design, broadcast, and photojournalism.

Speech UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Speech Upper College Prep
Course No.: 0163
Prerequisite: None
Credit: 0.5 / One semester
Grades: 10, 11, 12

Speech Upper College Prep will guide students in the study of human communications with an emphasis on public speaking. Students will work as a community to study and practice the characteristics of successful speakers, often engaging in peer evaluation and constructive criticism. Students will participate in written and verbal exercises to improve their communication skills. Students will also work to communicate their ideas through

informative, persuasive, and entertaining speeches, while focusing on the use of clear diction, appropriate projection, and meaningful body language.

FINE ARTS DEPARTMENT-CHORAL

Advanced Choir Fall H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Advanced Choir Fall Honors

Course No.: 6271

Prerequisite: Completion of one semester of high school chorus and by audition.

Credit: 0.5 / One semester

Grades: 10, 11, 12

Advanced Choir Fall Honors is a continuation of the concepts covered in the Ensemble Choir and Treble Choir classes. Music performed in this class will be a cappella or accompanied. Types of choral music performed will range from pop to classics including 4-part S.A.T.B. singing or 6 to 8-part depending on the level of the group.

Participation in two concerts per semester and two rehearsals before those concerts (outside of school time) is required to earn credit in this course. This course may be repeated.

Advanced Choir Spring H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Advanced Choir Spring Honors

Course No.: 6671

Prerequisite: Completion of one semester of high school chorus and by audition.

Credit: 0.5 / One semester

Grades: 10, 11, 12

Advanced Choir Spring Honors is a continuation of the concepts covered in the Ensemble Choir and Treble Choir classes. Music performed in this class will be a cappella or accompanied. Types of choral music performed will range from pop to classics including 4-part S.A.T.B. singing or 6 to 8-part depending on the level of the group.

Participation in two concerts per semester and two rehearsals before those concerts (outside of school time) is required to earn credit in this course. This course may be repeated more than once.

Carmel Cadence H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Carmel Cadence Honors

Course No.: 6970

Prerequisite: By audition only

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Other: This course is held three days a week before school and two Saturday mornings per month.

Carmel Cadence Honors performs in four or more concerts per year, plus late winter tours to area junior high schools. Basic performance techniques learned are applied in the choreographed music ranging from Broadway to pop. The group participates in competition in mid February and mid March.

Attendance at three morning rehearsals (Monday, Wednesday, Friday), two Saturdays per month, and all performances are required to earn credit. Participation in two concerts per semester and two rehearsals

before those concerts (outside of school time) is required to earn credit in this course.

Auditions for this group take place in spring of previous school year.

This course may be repeated every year.

Liturgical Music H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Liturgical Music Honors

Course No.: 6972

Prerequisite: Students must demonstrate the basic ability to sing or play an instrument.

Credit: 0.5 / One year

Grades: 9, 10, 11, 12

Other: This class meets two days a week after school.

Liturgical Music Honors is a practical course for those interested in learning, practicing, and sharing liturgical music at our school masses. Both singers and instrumentalists will learn about the traditions of Catholic music, listen to guest speakers and practicing church musicians, and prepare music for our all-school liturgies.

Students will be exposed to the principles of liturgical and ritual music and its integral role in the Mass. This course may be repeated every year.

Men's Choir Fall UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Men's Choir Fall Upper College Prep

No.: 6995

Prerequisite: None

Credit: 0.5 / Fall semester

Grades: 9, 10, 11, 12

Men's Choir Fall Upper College Prep is open to all male CCHS students interested in singing in choir at CCHS for the first time. This non auditioned choir will introduce the concepts of healthy vocal production, sight-reading, interval and ear training, breathing, style and performance. A complete repertoire of choral music, ranging from classical to contemporary is studied.

Participation in two concerts per semester and two rehearsals before those concerts (outside of school time) is required to earn credit in this course. This course may be repeated more than once.

Men's Choir Spring UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Men's Choir Spring Upper College Prep

Course No.: 6996

Prerequisite: None

Credit: 0.5 / Spring semester

Grades: 9, 10, 11, 12

Men's Choir Spring Upper College Prep is open to all male CCHS students interested in singing in choir at CCHS for the first time. This non auditioned choir will introduce the concepts of healthy vocal production, sight-reading, interval and ear training, breathing, style and performance. A complete repertoire of choral music, ranging from classical to contemporary is studied.

Participation in two concerts per semester and two rehearsals before those concerts (outside of school time) is required to earn credit in this course. This course may be repeated more than once.

Parkway Singers H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Parkway Singers Honors

Course No.: 6971

Prerequisite: By audition only

Credit: 0.5 / One year

Grades: 9, 10, 11, 12

Other: This course is held two days a week before school.

Parkway Singers Honors develops vocal techniques and will sing three and four or more part acappella and contemporary choral arrangements. During the Christmas season, this group may perform Christmas music off campus.

The group participates in the Cabaret Concert, Christmas Concert, and Spring Concerts. This course may be repeated every year.

Treble Choir Fall UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Treble Choir Fall Upper College Prep

Course No.: 6675

Prerequisite: None

Credit: 0.5 / Fall semester

Grades: 9, 10, 11, 12

Treble Choir Fall Upper College Prep is open to all female CCHS students interested in singing in choir at CCHS for the first time. This non auditioned choir will introduce the concepts of healthy vocal production, sight-reading, interval and ear training, breathing, style and performance. A complete repertoire of choral music, ranging from classical to contemporary is studied.

Participation in two concerts per semester and two rehearsals before those concerts (outside of school time) is required to earn credit in this course. This course may be repeated more than once

Treble Choir Spring UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Treble Choir Spring Upper College Prep

Course No.: 6676

Prerequisite: None

Credit: 0.5 / Spring semester

Grades: 9, 10, 11, 12

Treble Choir Spring Upper College Prep is open to all female CCHS students interested in singing in choir at CCHS for the first time. This non auditioned choir will introduce the concepts of healthy vocal production, sight-reading, interval and ear training, breathing, style and performance. A complete repertoire of choral music, ranging from classical to contemporary is studied.

Participation in two concerts per semester and two rehearsals before those concerts (outside of school time) is required to earn credit in this course. This course may be repeated more than once.

FINE ARTS DEPARTMENT-DANCE

Advanced Dance H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Advanced Dance Honors

Course No.: 6441

Prerequisite: Intermediate Dance 2 H or by audition

Credit: 0.5 / One semester

Grades: 10, 11, 12

Other: Students will purchase the Dance Uniform Shirt from the Bookstore unless already owned.

Advanced Dance Honors is a performance-based course designed for students with a more extensive background in dance. Further development of dance techniques, body awareness, and choreographic expression will be explored in this course. Many highlights in this course include, but are not limited to, participating in at least three different performances, two field trips, learning aerial dance, and learning choreography from a guest artist of the Carmel dance instructor's choosing.

Advanced Dance Honors students are highly encouraged to audition for Orchesis Dance Company Honors at the start of the school year. This course may be repeated more than once.

Beginning Dance UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Beginning Dance Upper

College Prep

Course No.: 6540

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Other: Students will purchase the Dance Uniform Shirt from the Bookstore unless already owned.

Beginning Dance Upper College Prep is a co-ed dance course for students with little to no formal dance training. Beginning dance students will experience a variety of dance styles and choreography. Highlights for this course include a field trip and performing in the Hip Hop Pep Rally.

Dance Leadership H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Dance Leadership Honors

Course No.: 6400

Prerequisite: By application and Dance Instructor approval

Credit: 0.5 / One semester

Grades: 11, 12

Other: To apply, email Carmel's dance instructor.

Applications due by March 1st of the previous school year.

Dance Leadership Honors is a course for a dancer to further his/her dance experience by becoming a teacher's assistant for a Carmel dance class.

After submitting an application and being accepted, a

Dance Leader is assigned a beginning or intermediate level dance period through the Registrar's Office. Dance Leaders will receive opportunities to assist with taking attendance, demonstrating movement, leading exercises, answering student questions, and tutoring students during and outside of class.

A highlighted experience as a Dance Leader will be assisting in the choreographic process for their classmates' Hip Hop Pep Rally Performance. The main objective for all Dance Leaders is to exercise and increase their leadership abilities in a dance class setting. This course may be repeated more than once.

Intermediate Dance 2 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Intermediate Dance 2 Honors

Course No.: 6640

Prerequisite: Intermediate Dance 1 H OR by audition

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Other: Students will purchase the Dance Uniform Shirt from the Bookstore unless already owned.

Intermediate Dance 2 Honors is for students with years of experience in ballet, jazz, hip hop, and modern dance. Intermediate Dance II Honors students will continue to refine their dance technique, historical understanding, and performance abilities through a wide variety of dance styles and performance opportunities. Many highlights in this course include, but are not limited to, participating in at least three performances, one field trip, and a master class taught by a guest artist of the dance instructor's choosing. This course may be repeated more than once.

Intermediate Dance 1 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Intermediate Dance 1 Honors

Course No.: 6440

Prerequisite: Beginning Dance UCP Or by audition

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Other: Students will purchase the Dance Uniform Shirt from the Bookstore unless already owned.

Intermediate Dance 1 Honors is meant for students with some knowledge in ballet and jazz terminology. Intermediate Dance I Honors students will begin to refine their dance technique, historical understanding, and performance abilities. Students will explore the importance of body awareness, dance improvisation, and dance anatomy/ kinesiology. Participation in the Hip Hop Pep Rally Performance and the end-of-semester Honors Dance Showcase will be two highlights of this course. Students in this course are also encouraged to audition for the Orchesis Dance Company. This course may be repeated more than once.

Orchesis Dance Company H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Orchesis Dance Company Honors

Course No.: 6446

Prerequisite: By audition only

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Other: This course is held after school one to four times per week. Orchesis members will purchase the Orchesis apparel items to be worn for events throughout the school year.

Orchesis Dance Company Honors members learn, rehearse, and perform a wide variety of dance styles and take classes from a number of guest artists. Orchesis members cannot participate in a spring sport or the Spring Musical. Otherwise, Carmel Orchesis Dance Company members can participate in any fall and/or winter sport, as well as any other extracurricular club/activity that Carmel has to offer.

The highlight of being in Orchesis is getting to perform in the Orchesis Dance Concerts in May every school year. The concerts present a variety of student-choreographed works in addition to professional/guest choreography and choreography by Carmel's dance instructor. Orchesis auditions are held the Tuesday after Labor Day each school year. This course may be repeated every year.

Tap Dancing UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Tap Dancing Upper College Prep

Course No.: 6443

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Other: Students must provide their own tap shoes. Course offered every other year. This course will be offered 2022-23, but will NOT be offered 2023-24

Tap Upper College Prep is an introductory tap class that will start with the basics and progress in difficulty over the course of the semester. Highlights for this course include a guest teacher and a tap performance. Students are required to purchase their own tap shoes to wear everyday of class.

Graphic Design 1 UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Graphic Design 1 Upper College Prep
Course No.: 6221
Prerequisite: Introduction to Art preferred but not required.
Credit: 0.5 / One semester
Grades: 9,10, 11, 12

Graphic Design 1 Upper College Prep introduces students to typography, digital illustration, and photo manipulation. Industry standard hardware and software, including Adobe InDesign, Adobe Illustrator, and Adobe Photoshop are used. Through a series of assignments and projects, students learn about the effective use of elements of art and principles of design. Students will begin to learn how to design for print. Students will individually and collaboratively participate in lecture, demonstrations, and critique. Along with strengthening computer skills, students will improve their visual literacy and begin understanding popular design standards used today.

Graphic Design 2 H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Graphic Design 2 Honors
Course No.: 6620
Prerequisite: Graphic Design 1 UCP
Credit: 0.5 / One semester
Grades: 10, 11, 12

Graphic Design 2 Honors will continue to develop technical and conceptual design skills. Industry standard hardware and software, including Adobe InDesign, Adobe Illustrator, and Adobe Photoshop are used with students using more advanced workspaces than used in Graphic Design I. An emphasis will be placed on how these programs can operate together. Projects involve intricate and detailed work, focusing on standard advertising and marketing materials used historically and in present day. Students will continue to learn how to design for print. Students will individually and collaboratively participate in lecture, demonstrations, and critique. Elements of art and principles of design will be emphasized in their work.

Graphic Design 3 H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Graphic Design 3 Honors
Course No.: 6622
Prerequisite: Graphic Design 2 H
Credit: 0.5 / One semester
Grades: 11, 12

Graphic Design 3 Honors is a comprehensive course exposing students to the modern functions of design. Students will focus on the ability to communicate messages and experiences with their work. Building on their foundational knowledge from Graphic Design I and II, students advance their skills using industry-standard equipment and software. Students learn to apply their 2D designs made on computers and will transfer them into 3D tangible products (apparel, product packaging, branded marketing collateral, framed work, and more). Opportunities to work with real-life clients, including Carmel's very own marketing department provide breadth to this course. Students will create a body of work necessary to begin their careers and further their education in college. This course may be repeated more than once.

Photography 1 UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Photography 1 Upper College Prep
Course No.: 6521
Prerequisite: Introduction to Art preferred but not required.
Credit: 0.5 / One semester
Grades: 9, 10, 11, 12

Photography 1 Upper College Prep is an introductory course focusing on analog black & white photography and darkroom printing. Students will learn how to make proper exposures and to creatively manipulate aperture and shutter speed. Students will use chemicals to process their own film and prints. Emphasis is placed on manual camera operation, film processing, and darkroom printing. Students will individually and collaboratively participate in lecture, demonstrations, critique, and studio experiences. They will become familiar with composition, perspective, design principles, and elements of art with a series of technical projects and assignments.

Photography 2 H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Photography 2 Honors
Course No.: 6621
Prerequisite: Photography 1 UCP
Credit: 0.5 / One semester
Grades: 10, 11, 12

Photography 2 Honors continues to build their analog knowledge and are simultaneously introduced to basic digital photography. Experimental darkroom techniques and advanced photographing and printing methods will be covered. Students will transition to a simple digital workflow and learn about post-production using Adobe software. An introduction to studio lighting will cover the use of continuous lights and other studio equipment. Students will individually and collaboratively participate in lecture, demonstrations, critique, and studio experiences. Students will be challenged to improve their ability to observe and create more complex imagery.

Photography 3 H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Photography 3 Honors
Course No.: 6022
Prerequisite: Photography 2 H
Credit: 0.5 / One semester
Grades: 11, 12
Other: Digital SLR suggested but not required.

Photography 3 Honors is a comprehensive, fast-paced course advancing students' foundational knowledge into the digital realm of photography. This class will operate as a high-end photography firm, touching on commercial and studio photography, photojournalism, documentary, and more. Students will be tasked with working as photographers, re-touchers, printers, and art handlers. Students learn to use industry-standard equipment and software, jumpstarting their opportunity to become professionals. Opportunities to work with real-life clients, including Carmel's very own marketing department provide breadth to this course. Students will complete the course with a self-directed, cohesive body of work. This course may be repeated.

FINE ARTS DEPARTMENT-INSTRUMENTAL

Beginning Violin or Viola UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Beginning Violin or Viola Upper College Prep
Course No.: 6999
Prerequisite: None
Credit: 1.0/One Year
Grades: 9, 10, 11, 12
Other: This class will be held during the school day

Beginning Violin or Viola is open to all students who wish to explore their musical potential through learning an instrument (no background in music necessary). Students will be given the choice to learn either violin or viola. Focus will be on proper playing posture, physics of tone production, and technique. As an introductory music course, students will also learn the basics of note reading, music theory, music history, composition, and ensemble playing.

Concert Band Spring UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Concert Band Spring Upper College Prep
Course No.: 6780
Prerequisite: None. This is a non-audition group.
Credit: 0.5 / Spring semester
Grades: 9, 10, 11, 12
Other: Students must provide their own instruments.

Concert Band Spring Upper College Prep is comprised of grades 9-12 with various levels of experience. This ensemble focuses on standard concert literature in preparation for the Spring Instrumental Concert. Students will also develop good technique, intonation, finger dexterity, sight-reading and musical interpretation. This course may be repeated.

Concert/Marching Band Fall UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Concert Band/Marching Band Fall Upper College Prep
Course No.: 6380
Prerequisite: None. This is a non-audition group.
Credit: 0.5 / Fall semester
Grades: 9, 10, 11, 12
Other: Students must provide their own instruments.

Concert Band/Marching Band Fall Upper College Prep is comprised of grades 9-12 with various levels of experience. This ensemble focuses on marching band through the football season, and then begins preparation for the Christmas concert in mid December.

All members are required to attend Marching Band Camp, which takes place two weeks before the start of school, M-F from 8:00-4:00. Detailed information will be sent out over the summer.

Percussion members must also register for Drumline/Percussion Ensemble Honors and attend summer Drumline Camp which is offered in the summer school program. This camp runs for two weeks before July 4th. This course may b

Drumline/Percussion Ensemble H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Drumline/Percussion Ensemble Honors
Course No.: 6980
Prerequisite: None
Credit: 0.5 / One year
Grades: 9, 10, 11, 12
Other: This course is held after school two days a week.

Drumline/Percussion Ensemble Honors is required for any percussionist enrolled in Concert Band or Wind Ensemble. The class develops the student's fundamentals while focusing on drumline in the fall, and percussion ensemble in the Spring. This course may be repeated more than once.

Guitar 1 UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Guitar 1 Upper College Prep
Course No.: 6555
Prerequisite: None
Credit: 0.5 / One semester
Grades: 9, 10, 11, 12
Other: Each student must own or rent a guitar. It can be either an acoustic guitar or a classical guitar with nylon strings.

Guitar 1 Upper College Prep is open to all students interested in learning to play guitar. The course provides opportunities for students to develop

their musical potential through playing a guitar. Emphasis will be placed on playing position, tone production, fundamental technique, simultaneous playing, and composing songs/lyrics. Both individual playing and group/ensemble playing will be explored.

Guitar 2 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Guitar 2 Honors

Course No.: 6655

Prerequisite: Approval of Guitar teacher based upon student's performance review. Successful completion of Guitar I.

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Other: Each student must own or rent a guitar.

Guitar 2 Honors will reinforce and expand on the skills and techniques taught in Carmel's Guitar I class. The class is also open to advanced beginners and premature intermediate players (must be approved by instructor)

Jazz Combo H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Jazz Combo Honors

Course No.: 6983

Prerequisite: By audition only

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Other: This course is held before school two days a week.

Jazz Combo Honors is a smaller group than Jazz Ensemble and is based on the same prerequisites. This group focuses more on the improvisational side of jazz with significantly more time built in for solos. Jazz Combo performs several times a year for both school events and area competitions. This course may be repeated every year.

Jazz Ensemble H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Jazz Ensemble Honors

Course No.: 6982

Prerequisite: By audition only

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Other: This course is held before school three days a week.

Jazz Ensemble Honors is comprised of grades 9-12 based on successful audition placement (auditions held the third week of the current school year). This band focuses heavily on jazz style and technique while performing a variety of charts, both traditional and contemporary. Jazz Ensemble performs several times a year for both school events and area competitions. This course may be repeated every year.

String Ensemble H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

String Ensemble Honors

Course No.: 6981

Prerequisite: None. This group is a non-audition group.

Credit: 0.5 / One year

Grades: 9, 10, 11, 12

Other: Students must provide their own instruments. This course is held before school two days a week.

String Ensemble Honors is designed to further develop a student's instrument technique, basics of music theory, and sense of curiosity through performing pillars of string orchestra repertoire. A particular emphasis is placed on sharpening vital skills of ensemble playing: listening,

communicating and collaborating. The group meets before school and performs together in two concerts a year and at some liturgies. This course may be repeated every year.

Wind Ensemble Spring H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Wind Ensemble Spring Honors

Course No.: 6680

Prerequisite: By audition only

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Other: Students must provide their own instruments.

Wind Ensemble Spring Honors is comprised of grades 9-12 based on successful audition placement (auditions are held late Spring of the prior school year). This ensemble continues to develop proficiency in scales, sight reading, intonation, and musicality. Wind Ensemble prepares more challenging repertoire than Concert Band in preparation for the Spring Instrumental Concert. This course may be repeated more than once.

Wind Ensemble-Marching Band Fall H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Wind Ensemble/Marching Band Fall Honors

Course No.: 6280

Prerequisite: By audition only

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Other: Students must provide their own instruments.

Wind Ensemble/Marching Band Fall Honors is comprised of grades 9-12, based on successful audition placement (auditions are held late Spring of the prior school year). This ensemble also focuses on marching band through the football season, and then begins preparation for the Christmas concert in mid December.

All members are required to attend Marching Band Camp, which takes place two weeks before the start of school, M-F from 8:00-4:00. Detailed information will be sent out over the summer.

Percussion members must also register for Drumline/Percussion Ensemble Honors and attend summer Drumline Camp which is offered in the summer school program. This camp runs for two weeks before July 4th. This course may be repeated.

FINE ARTS DEPARTMENT-NON-PERFORMANCE

History of Rock and Roll UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

History of Rock and Roll Upper College Prep

Course No.: 6550

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

History of Rock and Roll Upper College Prep is open to all grade levels and covers the history of Rock and Roll from early work songs through the start of hip hop and rap. Students will also learn to describe songs in more depth while understanding the many different aspects of music

Music Theory AP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Music Theory Advanced Placement

Course No.: 6180

Prerequisite: Completion of summer packet.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Fee: \$100 – Fee includes AP exam

Other: Course offered 2022-23, NOT offered 2023-24

Music Theory Advanced Placement starts at the fundamentals of music theory, foundations of harmony and quickly and moves to beginning counterpoint and voice leading followed by expansion of voice leading. AP Music Theory discusses chromatics from altered tones and chords to modulations. Intensive aural skills are included in the class in preparation for the AP Music Theory Exam. This class covers the Advanced Placement curriculum in preparation for the AP music test in May. This course promotes the mastery of skills necessary to succeed in music outside of high school. A 60-page packet of basic music theory concepts and drills will be assigned as summer work in preparation for this class. The completed packet will be collected the first day of class.

FINE ARTS DEPARTMENT-THEATER ARTS

Drama 1 UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Drama 1 Upper College Prep

Course No.: 6560

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Drama 1 Upper College Prep is designed to teach the basic skills, concepts and methods of modern acting techniques. We will use various theatre games, improvisation exercises and warm ups. The class provides students the opportunity to actively participate and strengthen those skills of concentration, focus, and creativity. Students will develop self confidence and leadership skills, which are critical to performance and other life experiences. Study includes elements of acting and analyzing characters through monologues, scenes, pantomime and improvisational exercises, as well as movement and voice techniques.

Drama Fall H

Aug 1 - Jun 1, 2023

Grade 10 - Grade 12

Drama Fall Honors

Course No.: 6261

Prerequisite: Drama I UCP

Credit: 0.5 / Fall semester

Grades: 10, 11, 12

Drama Fall Honors works on developing a higher skill level in acting techniques and performance. Students will learn how to use and apply the psychological and physiological aspects of dramatic acting needed for auditions, stage and film. Class will include intense scene work of various genres including Shakespeare scenes and monologues. Critique and constant assessment of performance will be emphasized as well. This course may be repeated.

Drama Spring H

Aug 1 - Jun 1, 2023

Grade 10 - Grade 12

Drama Spring Honors

Course No.: 6662

Prerequisite: Drama I UCP

Credit: 0.5 / Spring semester

Grades: 10, 11, 12

Drama Spring Honors focuses on the writing and directing side of theatre production. Students will apply advanced techniques of acting, character development, script analysis and blocking in order to write original scenes, audition, cast direct and film the scenes for performance critique. This course may be repeated more than once.

Fine Arts Technology Internship Honors

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Fine Arts Technology Internship Honors

Course No.: 6015

Prerequisite: Fine Arts Technology Internship UCP

Credit: 0.5 / One year

Grades: 10, 11, 12

Other: This course is held outside of the school day.

Fine Arts Technology Honors is a class designed to facilitate qualified sound and lighting technicians that have been educated in advanced technical skills of Lighting and Sound. This class offers students the chance to be fully trained in the equipment necessary for all school events including all Fine Arts performances, events during school (e.g., Mass, guest speakers, pep rallies), and for athletic events. Students will be assessed on their knowledge and skills before they can work an event. They must attend and actively participate in three five-hour training workshops for sound and lighting given at the start of the school year. These workshops will require each student to pass a practical test on lights and sound knowledge, set up, proper use and safety in handling the equipment as well as care, basic troubleshooting, and take down in various spaces in our school. Honors class will go even more in depth with advanced topics such as, networking in technical theater, wiring circuits, frequency coordination, and more. School events are divided into small and large events based on the total number of hours they require: small being less than 15 hours and large 25 hours or more. Students sign up each semester and must work one large and three smaller events per semester for credit. This course may be repeated.

Fine Arts Technology Internship UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Fine Arts Technology Internship Upper College Prep

Course No.: 6010

Prerequisite: None

Credit: 0.5 / One year

Grades: 10, 11, 12

Other: This course is held outside of the school day.

Fine Arts Technology Internship Upper College Prep is a class designed to facilitate qualified sound and lighting technicians that have been educated in advanced technical skills of Lighting and Sound. This class offers students the chance to be fully trained in the equipment necessary for all school events including all Fine Arts performances, events during school (e.g., Mass, guest speakers, pep rallies), and for athletic events.

Students will be assessed on their knowledge and skills before they can work an event. They must attend and actively participate in three five-hour training workshops for sound and lighting given at the start of the school year. These workshops will require each student to pass a practical test on lights and sound knowledge, set up, proper use and safety in handling the equipment as well as care, basic troubleshooting, and take down in various spaces in our school.

School events are divided into small and large events based on the total number of hours they require: small being less than 15 hours and large 25 hours or more. Students sign up each semester and must work one large and three smaller events per semester for credit. This course may be repeated.

Stagecraft 1 UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Stagecraft 1 Upper College Prep

Course No.: 6660

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Stagecraft 1 Upper College Prep is designed for the student who wants to learn "behind the scenes" work for theatre production. The semester will include teaching basic skills of set design, painting, set construction, and use of hand and power tools. It will include some lecture on safety, skills, use

and care of all tools, lighting, and sound equipment. It covers maintenance and safety of rigging, battens and curtains. Class will design and construct a small set piece or project for final.

Stagecraft Fall H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Stagecraft Fall Honors

Course No.: 6262

Prerequisite: Stagecraft 1 UCP; must have teacher approval and pass a practical power tools assessment.

Credit: 0.5 / Fall semester

Grades: 10, 11, 12

Stagecraft Fall Honors is for students who are creative problem solvers and interested in learning more about all artistic and technical elements of theatre production.

This class is a hands-on class, which includes review of theatre space, rigging and tools. This class will pursue dimensional drawing, design plans as well as printed plans for build projects. There will be an advanced application for use of various lumber products, hardware, and power tool usage with an emphasis on safety. Class will include some work with lighting, and sound for productions. Daily active participation includes: in class discussions, construction and design work, group building and painting all projects from start to finish. Final build project is required.

This course may be repeated more than once.

Stagecraft Spring H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Stagecraft Spring Honors

Course No.: 6661

Prerequisite: Stagecraft 1 UCP; must have teacher approval and pass a practical power tools assessment.

Credit: 0.5 / Spring semester

Grades: 10, 11, 12

Stagecraft Spring Honors is for students who are creative problem solvers and interested in learning more about all artistic and technical elements of theatre production. This class is a hands-on class, which includes review of theatre space, rigging and tools. This class will pursue dimensional drawing, design plans as well as printed plans for build projects. There will be an advanced application for use of various lumber products, hardware, and power tool usage with concerns in safety. Class will include some work with lighting, and sound for productions. Daily active participation includes: in class discussions, construction and design work, group building and painting all projects from start to finish. Final build project is required. This course may be repeated more than once.

FINE ARTS DEPARTMENT-VISUAL

Harbinger 1

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Harbinger 1

Course No.: 0195

Prerequisite: None

Credit: 0.5 / One year

Grades: 9, 10, 11, 12

Other: This course is held outside of the school day.

Students are responsible for planning and producing the annual literary arts magazine. Students collect written and visual submissions from the student body. Submissions are edited and organized according to the theme determined by staff. Industry standard software, Adobe InDesign, is used to layout the entire magazine. Staff select fonts and colors. Cover and section art are created using the Adobe Suite. Time management, organizational skills, and collaboration are important expectations in this deadline and product-driven class.

Harbinger 2

Aug 1 - Jun 1, 2023

Grade 10 - Grade 12

Harbinger 2

Course No.: 0196

Prerequisite: None

Credit: 0.5 / One year

Grades: 10, 11, 12

Fee: None

Other: This course is held outside of the school day.

Students serve as Editors of the annual literary arts magazine. Students collect written and visual submissions from the student body. Submissions are edited and organized according to the theme determined by staff. Editors are expected to train and lead the staff. Time management, organizational skills, and communication are important expectations in this deadline and product-driven class.

FINE ARTS DEPARTMENT-VISUAL ARTS

Art 2 UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Art 2 Upper College Prep

Course No.: 6509

Prerequisite: Introduction to Art UCP OR approval of Art teacher based upon student's performance review.

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Art 2 Upper College Prep is designed for students with a foundation in visual art who wish to refine their art skills and to develop a greater understanding of the application of the Elements of Art and Principles of Design. Art II is a more project-oriented course with further study in drawing, painting, and printmaking. Studio experiences in the classroom provide students with opportunities to experience a variety of media while developing their individual style and creative problem solving skills. Students will demonstrate their ability to respond, analyze, and interpret their own artwork and the work of others through discussions and critiques.

Ceramics/Sculpture 1 UCP

Aug 1 - Jun 1, 2023

Grade 10 - Grade 12

Ceramics/Sculpture 1 Upper College Prep

Course No.: 6203

Prerequisite: None

Credit: 0.5 / One semester

Grades: 10, 11, 12

Ceramics/Sculpture 1 Upper College Prep develops an understanding of clay construction. Students will focus on hand building and surface decoration including glaze and texture. Students will also have the opportunity to work on the potter's wheel and develop basic skills for throwing a pot. In sculpture, students will learn basic sculpture techniques. They will work with modeling and carving using materials including clay, tape, and plaster. Students will also participate in the Raku workshop.

Ceramics/Sculpture 2 H

Aug 1 - Jun 1, 2023

Grade 10 - Grade 12

Ceramics/Sculpture 2 Honors

Course No.: 6602

Prerequisite: Ceramics/Sculpture I UCP

Credit: 0.5 / One semester

Grades: 10, 11, 12

Ceramics/Sculpture 2 Honors builds on the development of skills and techniques learned in Ceramics/ Sculpture I UCP. Students will continue to develop their hand-building and throwing skills. Sculpture techniques presented include carving and molding. A creative and personal approach is encouraged. Students will also participate in the Raku workshop. This course may be repeated more than once.

Drawing and Painting 1 H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Drawing and Painting 1 Honors

Course No.: 6200

Prerequisite: Introduction to Art UCP or Art 2 UCP

Credit: 0.5 / One semester

Grades: 10, 11, 12

Drawing and Painting 1 Honors is designed to increase students' skills and refine their techniques in drawing and painting. Students will have the opportunity to explore various mediums such as graphite, charcoal, india ink, and acrylic as a means of visual expression. Students will expand their knowledge of value, color theory, and composition while experiencing a variety of techniques. Students will be directly involved in developing creative problem-solving skills and individual expression

Drawing and Painting 2 H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Drawing and Painting 2 Honors

Course No.: 6600

Prerequisite: Drawing and Painting I H

Credit: 0.5 / One semester

Grades: 10, 11, 12

Other: Course offered every other year.

Offered 2022-23, but will NOT be offered 2023-24.

Drawing and Painting 2 Honors provides students with the opportunity to continue developing skills in drawing and painting. Students will learn additional approaches to drawing and painting. Students will experience in depth visual concepts, color application and technique through a range of media. Observation and interpretation of subject matter is emphasized through individual expression. Students are encouraged to develop creative solutions to promote individual personal style.

Introduction to Art UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Introduction to Art Upper College Prep

Course No.: 6500

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Introduction to Art Upper College Prep provides a foundation in art, assuming students have little or no background. Students are introduced to the elements and principles of design while exploring a variety of techniques and media. History, processes, color theory, and the language of art will be emphasized. Students with art background are encouraged to sign up for Art I UCP and set up a meeting with the art teacher for a performance or portfolio review.

Mixed Media 1 H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Mixed Media I Honors

Course No.: 6201

Prerequisite: Introduction to

Art UCP or Art II UCP

Credit: 0.5 / One semester

Grades: 10, 11, 12

Mixed Media I Honors emphasizes the creation of art using two or more media in a single composition. This technique provides students an individual, artistic, multi-layered approach in the creation of a composition. The development of creative ideas and integration of imagination with problem solving skills will be emphasized. Students will use the principles of design while expanding their creativity.

Open Studio Art H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Open Studio Art Honors

Course No.: 6905

Prerequisite: One year of Art AND approval of Art teacher based upon student's performance review.

Credit: 0.5 / One semester

Grades: 11, 12

Open Studio Art Honors is designed for students who want to take their art skills to the next level. Students will fine tune their drawing and painting skills and unlock their artistic talent. They will explore new mediums and begin developing an area of concentration for their AP Art and Design Portfolio. The focus will be on creative problem solving skills as well as inquiry, practice, experimentation, and revision of art work. This is not an independent study class. This course may be repeated.

Studio Art AP

Aug 1 - Jun 1, 2023 Grade 12

Studio Art Advanced Placement

Course No.: 6101

Prerequisite: Two years of Art (at least one at Carmel);

AND/ OR approval of Art teacher based upon student's performance/portfolio review.

Credit: 1.0 / One year

Grades: 12

Fee: \$250

Studio Art Advanced Placement Studio Art AP is a year-long college level art and portfolio development class for highly motivated and talented seniors. Student work is a combination of assigned pieces-- completed the summer prior to AP-- as well as independently created pieces completed within a class structure, with participation in ongoing individual and group critiques. Students must be prepared to commit a significant amount of time to complete the portfolio required for the AP College Board portfolio exam evaluation. Students may choose to submit any of the AP Portfolio Exams offered within the Studio Art AP course: AP Drawing, AP 2-D Art and Design, or AP 3-D Art and Design.

Students will create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.

GENERAL ELECTIVES

ACT Prep Class UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

ACT Prep

Course No.: 9999

Prerequisite: None

Credit: 0.5 / One semester

Grades: 10, 11, 12

ACT Prep offers students the opportunity to expand skills in areas assessed by the ACT test: English, math, science, and reading. Coursework includes practice ACT tests so that students gain familiarity with its format, as well as instruction on the optional writing portion. Students will learn test-taking techniques geared specifically towards the ACT. Navigating test registration and sharing test scores with colleges is also covered. Performance in this course does not impact the student's GPA.

Seminar AP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 11

Seminar Advanced Placement

Course No.: 0580

Prerequisite: Honors or AP English, with letter of support from current English teacher Credit: 1.0 / One year

Grades: 10, 11

Fee: \$100 - Fee includes the AP Exam.

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

MATHEMATICS DEPARTMENT-CORE

Algebra 1 CP

Aug 1 - Jun 1, 2023 Grade 9

Algebra I College Prep

Course No.: 0224

Prerequisite: None

Credit: 1.0 / One year

Grades: 9

Other: A TI-84 graphing calculator is required.

Algebra I College Prep begins by building pre-algebra skills and later progressing through algebraic concepts. This class provides the needed review and repetition of taught mathematical concepts at a pace necessary for students to be successful. Some rigor and content are reduced compared to the Algebra I UCP course. In order to take this course, students must have a specific learning need in the area of math and therefore receive approval from the math department chair as well as the assistant principal of student services.

Algebra I CP presents the essential topics associated with a first-year algebra course. The student is exposed to the fundamentals of problem solving with an emphasis placed on basic skills and techniques. Various types of word problems are considered. The student acquires a basic understanding of algebraic principles and concepts including exponents; properties of real numbers; linear equations and inequalities; polynomial expressions; systems of linear equations and their graphs, and radical expressions. Problem-solving techniques include the translation of the written statement into mathematical terminology. The cognitive skills of analysis and cause and effect are stressed.

Algebra 1 H

Aug 1 - Jun 1, 2023 Grade 9

Algebra I Honors

Course No.: 0220

Prerequisite: None

Credit: 1.0 / One year

Grades: 9

Other: A TI-84 graphing calculator is required.

Algebra I Honors is designed to develop the algebraic skills required of honors students. The student is exposed to higher-order problem solving with an emphasis placed on methods and techniques. Various types of word problems are considered. The student acquires a strong understanding of algebraic principles and concepts including linear equations and inequalities; quadratic equations and inequalities; systems of linear equations and inequalities; polynomial expressions; data analysis; probability; and axiomatic proofs. The structure of algebra is presented as a logical system of

deductive and inductive problem solving.

Algebra 1 UCP

Aug 1 - Jun 1, 2023 Grade 9

Algebra 1 Upper College Prep

Course No.: 0222

Prerequisite: None

Credit: 1.0 / One year

Grades: 9

Other: A TI-84 graphing calculator is required.

Algebra I Upper College Prep presents the essential topics associated with a first-year algebra course. The student is exposed to the fundamentals of problem solving with an emphasis placed on methods and techniques. Various types of word problems are considered. The student acquires a general understanding of algebraic principles and concepts including a broader understanding of exponents; properties of real numbers; linear equations and inequalities; polynomial expressions; systems of linear equations and their graphs; and quadratic equations and inequalities. Problem-solving techniques include the translation of the written statement into mathematical terminology. The cognitive skills of analysis and cause and effect are stressed.

Algebra 2 CP

Aug 1 - Jun 1, 2023 Grade 11

Algebra 2 College Prep

Course No.: 0239

Prerequisite: Approval of Mathematics Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 11

Other: A TI-84 graphing calculator is required.

Algebra II College Prep contains an in-depth review of Algebra I and introduces the advanced topics required for college mathematics. This class provides the needed review and repetition of taught mathematical concepts at a pace necessary for students to be successful. Some rigor and content are reduced compared to the Algebra II UCP course.

The student learns to translate word problems into mathematical expressions. Topics covered include the field properties, linear equations, quadratic equations, systems of equations, inequalities, polynomials, matrices, introduction to complex numbers, and an introduction to trigonometry.

Algebra 2 H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 11

Algebra 2 Honors

Course No.: 0240

Prerequisite: Approval of Mathematics Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 10, 11

Other: A TI-84 graphing calculator is required.

Algebra 2 Honors is for the above-average student taking a second course in algebra. It contains a brief review of Algebra I and progresses to the advanced topics needed for college mathematics. Logical thinking is reinforced through problem solving. Students are introduced to conics through the Cartesian coordinate system. The topics investigated are real and complex numbers, systems of equations and inequalities, determinants, matrices, polynomial functions, and exponential and logarithmic functions. Some basic properties of trigonometry are covered.

Algebra 2 H for Freshmen

Aug 1 - Jun 1, 2023 Grade 9

Algebra 2 for Freshmen Honors

Course No.: 0215

Prerequisite: Approval of Mathematics Department based upon exceptional achievement on the proficiency assessment.

Credit: 1.0 / One year

Grades: 9

Other: A TI-84 graphing calculator is required.

Algebra 2 for Freshmen Honors is designed for the freshman student and includes a complete Algebra 2 curriculum. Logical thinking is reinforced through problem solving. Students are introduced to conics through the Cartesian coordinate system. The topics investigated are real and complex numbers; systems of equations and inequalities; determinants; matrices; polynomial functions; and exponential and logarithmic functions. Some basic properties of trigonometry are covered.

Algebra 2 UCP

Aug 1 - Jun 1, 2023

Grade 10 - Grade 11

Algebra 2 Upper College Prep

Course No.: 0241

Prerequisite: Approval of Mathematics Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 10, 11

Other: A TI-84 graphing calculator is required.

Algebra 2 Upper College Prep contains a review of Algebra 1 and introduces the advanced topics required for college mathematics. The student learns to translate word problems into mathematical expressions. Topics to be presented include the field properties, linear equations, quadratic equations, systems of equations, inequalities, polynomials, rational expressions, complex numbers, an introduction to logarithms, an introduction to conics, and trigonometry.

Algebra 3 CP

Aug 1 - Jun 1, 2023

Grade 12

Algebra 3 College Prep

Course No.: 0236

Prerequisite: Algebra 2 CP

Credit: 1.0 / One year

Grades: 12

Other: A TI-84 graphing calculator is required.

Algebra 3 College Prep is a course meant to prepare students for higher level math courses such as College Algebra. We will review many of the concepts from Algebra II while working to build strong thinking and reasoning skills which are necessary to survival not only in college, but also in most careers. Looking at how these concepts can be used in the world outside the classroom will allow students to gain a better appreciation for how all of what they have seen so far in math comes together. This course is meant for students who have completed Algebra 2 College Prep.

Calculus 3 College Level

Aug 1 - Jun 1, 2023

Grade 11 - Grade 12

College Level Calculus 3

Course No.: 0290

Prerequisite: successful completion of AP Calculus BC Credit: 1.0 / One year (based on 5.0 scale).

Grades: 11, 12

Other: A TI-83 graphing calculator or better is required.

College Level Calculus 3 for advanced math students who have completed BC Calculus before their senior year. Students are introduced to the topics

of vector analysis, Euclidean space, partial differentiation, multiple integrals, line and surface integrals, and the integral theorems of vector calculus;
Prerequisite: successful completion of AP Calculus BC

Calculus AB, AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Calculus AB Advanced Placement

Course No.: 0260

Prerequisite: Approval of Mathematics Department based upon student's application/ performance review.

Credit: 1.0 / One year

Grades: 11, 12

Fee: \$100 - includes AP exam fee.

Other: A TI-84 graphing calculator is required. The AP Calculus AB exam is required.

Calculus AB Advanced Placement introduces the students to the techniques used in differentiation and integration. The concepts taught include limits, coordinate geometry, differentiation, and integration. Exponential and logarithmic functions are considered along with transcendental functions.

This course is designed to prepare students for the AP Calculus AB exam.

Calculus BC, AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Calculus BC Advanced Placement

Course No.: 0262

Prerequisite: Minimum achievement of 95% in Precalc/Trig Honors OR successful completion of AP Calculus AB or Precalc/Calc Honors AND approval of Mathematics Department based upon student's application/ performance review.

Credit: 1.0 / One year

Grades: 11,12

Fee: \$125 - includes computer program and AP exam fee.

Other: A TI-84 graphing calculator is required.

The AP Calculus BC exam is required.

Calculus BC Advanced Placement includes extensive work in the techniques used in differentiation and integration. The concepts taught include limits, analytic geometry, derivatives, integrals, polynomial approximations, and series. These concepts are applied to parametric, polar, vector, exponential, logarithmic, trigonometric, and transcendental functions. This course is equivalent to two semesters of college calculus.

This course is designed to prepare students for the AP Calculus BC exam.

Calculus with Trigonometry H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Calculus with Trigonometry Honors

Course No.: 0286

Prerequisite: Successful completion of Precalc UCP or higher and teacher recommendation.

Credit: 1.0 / One year

Grades: 11, 12

Other: A TI-84 graphing calculator is required.

Calculus with Trigonometry Honors is provided for students with above-average ability in the field of mathematics. The content provides the student with a fundamental knowledge of calculus so that a course of study in business, engineering, the sciences, and humanities can be further pursued at the college level of instruction.

The student differentiates and integrates polynomial and trigonometric functions and is able to use calculus in the solution of work-related problems.

Geometry CP

Aug 1 - Jun 1, 2023 Grade 10

Geometry College Prep

Course No.: 0232

Prerequisite: Approval of Mathematics Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 10

Other: A TI-84 graphing calculator is required.

Geometry College Prep is designed for the student who has demonstrated the need for a less rigorous treatment of geometry by providing the needed review and repetition of taught mathematical concepts at a pace necessary for students to be successful. Some rigor and content are reduced compared to the Geometry UCP course.

All the concepts that are covered in Geometry UCP are introduced, but with less emphasis on deductive proof and algebraic concepts. The topics covered are points, lines, angles, triangles, polygons, circles, solid figures, congruence, similarity, ratio and proportion, perimeter, area and surface area and volume, and coordinate graphs.

Geometry H

Aug 1 - Jun 1, 2023 Grade 10

Geometry Honors

Course No.: 0230

Prerequisite: Approval of Mathematics Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 10

Other: A TI-84 graphing calculator is required.

Geometry Honors presents the fundamental concepts associated with Euclidean Geometry. The concepts include congruency, similarity, the Pythagorean Theorem, and parallelism. Other topics covered are logic, polygons, circles, solid figures, area, and volume. A unit on trigonometry is included. Deductive proofs are used to develop an axiomatic logic structure. Through the study of Euclidean Geometry, the student is presented with a systematic process, which is useful in the solution of real life problems.

Geometry Trig H

Aug 1 - Jun 1, 2023 Grade 10

Geometry/Trig Honors

Course No.: 0234

Prerequisite: Approval of Mathematics Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 10

Other: A TI-84 graphing calculator is required.

Geometry/Trig Honors presents students with a systematic process, which is useful in the solution of real life problems. The first half of this course is based on the fundamental concepts of Euclidean Geometry. Concepts include congruency, logic, parallelism, polygons, geometric inequalities, similarity, right triangles, circles, solid figures, area, volume, coordinate geometry, and mappings. Deductive proofs are used to develop an axiomatic logic structure. The second half of this course is a thorough and rigorous class of Trigonometry. Concepts include right triangle trigonometry, Unit Circle, Law of Sines, Law of Cosines, trigonometric identities, and trigonometric form of imaginary numbers.

Geometry UCP

Aug 1 - Jun 1, 2023 Grade 10

Geometry Upper College Prep

Course No.: 0231

Prerequisite: Approval of Mathematics Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 10

Other: A TI-84 graphing calculator is required.

Geometry Upper College Prep introduces the student to Euclidean Geometry. Deductive and inductive logic are used to develop an axiomatic mathematical system. The concepts of mathematical proof, congruency, similarity, points, and parallelism are considered. The student is encouraged to use logical processes taught in the course to solve daily problems.

Introduction to Calculus UCP

Aug 1 - Jun 1, 2023

Grade 11 - Grade 12

Introduction to Calculus Upper College Prep

Course No.: 0297

Prerequisite: Successful completion of Precalc UCP or higher, and approval of math department.

Credit: 1.0 / One year

Grades: 11, 12

Other: A TI-84 graphing calculator is required.

Introduction to Calculus UCP is provided for students with above-average ability in the field of mathematics. The content provides the student with a fundamental knowledge of calculus so that a course of study in business, engineering, the sciences, and humanities can be further pursued at the college level of instruction.

The student differentiates and integrates polynomial, rational, and a variety of other functions and is able to use calculus in the solution of work-related problems. This course does not cover calculus involving trigonometry.

PreCalc/Calc H

Aug 1 - Jun 1, 2023

Grade 11

Pre-Calc/Calculus Honors

Course No.: 0255

Prerequisite: Approval of Mathematics Department based upon student's application / performance review. Completion of Geometry / Trig Honors with an A or B.

Credit: 1.0 / One year

Grades: 11

Other: A TI-84 graphing calculator is required.

Pre-Calc/Calculus Honors includes an in-depth study of functions; series and sequences; and other advanced algebra and trigonometric topics, introducing students to calculus and the techniques involved in differentiation. Topics covered are rational functions, exponential, logarithmic, logistic and trigonometric functions. Additional advanced topics are probability, vectors in space, and matrices use in linear algebra. The study of equations (including conics) is emphasized in function, parametric, polar, and sequential forms. An in-depth study of modeling problem situations with functions, vectors, and derivatives is conducted. The concept of calculus is introduced with the study of limits, continuity, and the meaning of the derivative in terms of rates of change and local linear approximations. The course concludes with a study of calculating derivatives (both from the definition and from the use of rules) and the process of implicit differentiation.

The course is designed to prepare students for AP Calculus BC.

PreCalc/Trig H

Aug 1 - Jun 1, 2023

Grade 11 - Grade 12

Pre-Calc/Trig Honors

Course No.: 0250

Prerequisite: Approval of Mathematics Department based upon student's application/ performance review.

Credit: 1.0 / One year

Grades: 11, 12

Other: A TI-84 graphing calculator is required.

Pre-Calc/Trig Honors provides a transition between high school and college mathematics. Intermediate algebra, analytic geometry, and trigonometry are integrated with other important topics in mathematics by an approach that stresses functions. Separate units place special emphasis on trigonometric functions, polynomial functions, exponential functions, and logarithmic functions. A discussion of rational and irrational numbers provides an early introduction to limits. This concept reappears in a section on graphing functions. Other topics include matrices and an introduction to linear algebra.

In the latter part of the course, the concept of limit is treated again using a more formal, precise definition. This is an intuitive introduction to differential calculus.

PreCalc/Trig UCP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Pre-Calc/Trig Upper College Prep

Course No.: 0242

Prerequisite: Approval of Mathematics Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 11, 12

Other: A TI-84 graphing calculator is required.

Pre-Calc/Trig Upper College Prep focuses on an in-depth study of the following functions: linear, absolute value, step, quadratic, higher order polynomial, radical, rational, exponential, logarithmic, and trigonometric. Graphs are analyzed in terms of special characteristics such as maxima/minima, end behavior, intercepts and asymptotes. An in-depth study of trigonometry, law of sines/cosines, and trig graphs will accompany the incorporation of critical analysis and modeling. Additional topics include conics and their graphs; sequences and series; combinatorics; and an introduction to calculus.

MATHEMATICS DEPARTMENT-ELECTIVES

Introduction to Discrete Mathematics H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Introduction to Discrete Mathematics Honors

Course No.: 0285

Prerequisite: Successful completion of Geo UCP or higher and teacher approval

Credit: 0.5 / One semester

Grades: 11, 12

Introduction to Discrete Mathematics will allow students to explore a branch of mathematics covering topics including, but not limited to: Non-Euclidean Geometry, Number Theory, Counting Theory, Probability, Set Theory, Mathematical Logic and Mathematical Induction. Students will explore topics stated above typically studied throughout courses in advanced mathematics. This course serves as a great foundation for students looking to study in the field of mathematics during their post-secondary education.

Introduction to Statistics UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Introduction to Statistics Upper College Prep

Course No.: 0299

Prerequisite: Algebra 1

Credit: 0.5 / One semester

Grades: 10, 11, 12

Other: Textbook not required. A TI-84 graphing calculator is required.

Introduction to Statistics Upper College Prep is a one semester math elective targeted to students who desire to learn more about the field of statistics. Topics will include, but are not limited to: data sampling and analysis, the normal curve, regression, basic probability, confidence intervals

and hypothesis testing. Students will explore these topics through a variety of mediums including hands-on data collection and analysis of real-world data.

Introductory Linear Algebra H

Jun 1 - Aug 1, 2023 Grade 10 - Grade 12

Introductory Linear Algebra

Course No.: 0270

Prerequisite: Successful completion of Algebra 1 equivalent to UCP level

Credit: 0.5 / One semester

Grades: 10, 11, 12

The class builds up the understanding of the fundamental theorem of linear algebra through a set of equivalent statements about matrix properties.

Linear Algebra is a crucial course in Business, Mathematics, All areas of Computer Science in college.

Topics covered in the class may include (but are not limited to) row operations, transposing matrices, finding inverses, finding determinants, orthogonal matrices and solving systems using matrices.

Statistics AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Statistics Advanced Placement

Course No.: 0252

Prerequisite: Approval of Mathematics Department based upon student's application/ performance review.

Credit: 1.0 / One year

Grades: 11, 12

Fee: \$100 - includes AP exam fee.

Other: A TI-84 graphing calculator is required. The AP Statistics exam is required.

Statistics Advanced Placement is an upper level mathematics course intended to provide the student with strong background required for a variety of college majors. AP Statistics involves the study of four main areas: exploratory analysis; planning a study; probability; and statistical inference. AP Statistics is a course that differs significantly from other mathematics courses because the focus is on a mathematical understanding as well as an accurate and thorough communication of that understanding. Students will design surveys and experiments, gather data, analyze the data graphically and numerically, and interpret the results through inferential statistics.

This course is designed to prepare students for the AP Statistics exam.

MEDIA DEPARTMENT

Carmel Digital Network (CDN) H Full

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Carmel Digital Network (CDN) H Full

Course No.: 8911

Prerequisite: CDN Summer Boot camp is recommended, but summer work would be assigned if student cannot attend. Dates TBD, but probably sometime in August.

Credit: 1.0/Year

Grades: 9, 10, 11, 12

Carmel Digital Network (CDN) is the broadcast news station of Carmel Catholic High School. Students plan, organize, and run a weekly news show that highlights the people of the Carmel Catholic community. Students will learn filming, streaming, video editing and production, interviewing, hosting, and live show production. In many ways, CDN is the video production crew for the school creating commercials and video packages for clubs, sports, and happenings at Carmel Catholic. With experience and knowledge, students will be entrusted to create their own content for the

various shows.

This class meets before school. IF YOU HAVE CONFLICTS BEFORE SCHOOL, ACCOMODATIONS CAN BE MADE.

CDN - Newsroom H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

CDN-Newsroom Honors

Course No.: 8095

Prerequisite: CDN Summer Boot camp is recommended, but summer work would be assigned if student cannot attend. Dates TBD, but probably sometime in August.

Credit: 0.5 / One Semester

Grades: 9, 10, 11, 12

Newsroom covers the people and events at Carmel Catholic High School. They will create, edit, and manage pieces for CDN's various shows that reflect the mission of Carmel Catholic High School. First year students will spend time learning the fundamentals of pitching and creating stories, delivering news, and managing a newsroom and website. They will also learn fundamentals of filming, editing, creating graphics, and putting together news packages. They will eventually join teams devoted to managing and maintaining a broadcast news website shared with the community. Second, third, and fourth year students should expect to manage the site and the work of their colleagues. All students should expect to cover events before, during, and after school that include sports, religious, and academic topics.

Introduction to Carmel Digital Network (CDN) UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Introduction to CDN UCP

Course No.: 8910

Prerequisite: None

Credit: 0.5 / One Semester

Grades: 9, 10, 11, 12

Intro to CDN will prepare students for the rigors of CDN Live News and CDN Crew. We will learn fundamentals of pitching, filming, editing, and producing live events, packages, and news programs. Students interested in hosting shows, commentating sporting events, broadcasting live shows, streaming, filming, editing, and the history of broadcasting should apply for the course. This course provides a pathway to working on CDN, the broadcast journalism and live broadcast home of the Carmel Catholic Community, but will also highlight other forms of media that could provide insight on how television and video are produced like graffiti, posters, marketing pieces, movies, and comics.

PHYSICAL EDUCATION/HEALTH DEPARTMENT

Health UCP

Aug 1 - Jun 1, 2023 Grade 9

Health Upper College Prep

Course No.: 0830

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9

Health Upper College Prep is a semester course that focuses on the connection between mind and body, crucial to personal growth and development. Health Education is the integrated teaching of physical, intellectual, emotional, environmental, spiritual and social wellness. This course will include topics such as social health, mental health, nutrition, substance abuse, human development, disease prevention, community health, safety, and CPR.

Men Fall Physical Education UCP

Aug 1 - Jun 1, 2023 — Grade 9 - Grade 12

Physical Education – Fall for Men Upper College Prep
Course No.: 0815
Prerequisite: None
Credit: 0.5 / Fall semester
Grades: 9, 10, 11, 12

Physical Education – Fall for Men Upper College Prep course units include a variety of movement activities as well as team sports. Fall Physical Education class topics include tennis, flag football, volley-ball, and fitness. Students are encouraged to self-assess and work toward personal progress. The emphasis is on active participation now and as a future lifetime pursuit.

The required uniform and lock are available for purchase in the bookstore.

Men Spring Physical Education UCP

Aug 1 - Jun 1, 2023 — Grade 9 - Grade 12

Physical Education – Spring for Men Upper College Prep
Course No.: 0824
Prerequisite: None
Credit: 0.5 / Spring semester
Grades: 9, 10, 11, 12

Physical Education – Spring for Men Upper College Prep course units include a variety of movement activities as well as team sports. Spring Physical Education classes include topics such as floor hockey, pickleball, soccer, softball, track, and strength training. The emphasis is on active participation now and as a future lifetime pursuit.

The required uniform and lock are available for purchase in the bookstore.

Women Fall Physical Education UCP

Aug 1 - Jun 1, 2023 — Grade 9 - Grade 12

Physical Education – Fall for Women Upper College Prep
Course No.: 0816
Prerequisite: None
Credit: 0.5 / Fall semester
Grades: 9, 10, 11, 12

Physical Education – Fall for Women Upper College Prep course units include a variety of movement activities as well as team sports. Fall Physical Education class topics include tennis, flag football, volleyball, and fitness. Students are encouraged to self-assess and work toward personal progress. The emphasis is on active participation now and as a future lifetime pursuit.

The required uniform and lock are available for purchase in the bookstore.

Women Spring Physical Education UCP

Aug 1 - Jun 1, 2023 — Grade 9 - Grade 12

Physical Education – Spring for Women Upper College Prep
Course No.: 825
Prerequisite: None
Credit: 0.5 / Spring semester
Grades: 9, 10, 11, 12

Physical Education – Spring for Women Upper College Prep course units include a variety of movement activities as well as team sports. Spring Physical Education classes include topics such as floor hockey, pickleball, soccer, softball, track, and strength training. The emphasis is on active participation now and as a future lifetime pursuit.

The required uniform and lock are available for purchase in the bookstore.

PHYSICAL EDUCATION/HEALTH DEPARTMENT-ELECTIVES

Advanced Strength & Conditioning UCP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Advanced Strength & Conditioning Upper College Prep

Course No.: 0890

Prerequisite: Fall and Spring P.E. Students must earn a B or higher in Strength & Conditioning.

Credit: 0.5 / One semester

Grades: 11, 12

Location: Fitness Center

Other: This class is NOT offered 2022-23, but offered 2023-24.

This course will provide students with an opportunity to develop advanced training habits in the areas of cardiovascular conditioning, muscular strength, and flexibility. Major emphasis will be placed on progressive training methods, as well as advanced speed and agility workouts.

Speed Development UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Speed Development Upper College Prep

Course No.: 805

Prerequisite: Approval of department based upon application.

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Speed Development Upper College Prep is offered to students who have an interest in building speed for enhancing personal ability in a sport.

This course helps students maximize their speed potential by understanding and using proper mechanics and necessary drills needed for speed development. Proper use of the hands, arms, and positioning of the feet will be emphasized. Students will be filmed to identify strengths and areas needing improvement.

Sports Medicine UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Sports Medicine Upper College Prep

Course No.: 0864

Prerequisite: Completion of fall OR spring PE. Approval of department based upon application.

Credit: 0.5 / One semester

Grades: 10, 11, 12

Sports Medicine Upper College Prep is a laboratory physical education course that is offered to students who have an interest in a healthcare career with emphasis on the sports medicine/physical therapy field. The course provides understanding of the pathological anatomy, techniques in evaluation, and modalities of treating sports-related injuries. Participation in this course is not related to working as a student athletic trainer during

sporting events, but rather concentration is on sports medicine in the classroom. Students interested as a student trainer on the sidelines must apply in the spring with the Athletic Trainer.

Priority is given to grades 11 and 12

Strength & Conditioning UCP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Strength & Conditioning Upper College Prep

Course No.: 0895

Prerequisite: Fall and Spring P.E.

Credit: 0.5 / One semester

Grades: 11, 12

Primary Location: Fitness Center

Other: This class is the prerequisite for Advanced Strength & Conditioning UCP, which will be offered in 2023-24.

This course will provide students with an opportunity to develop lifelong training habits in the areas of cardiovascular conditioning, muscular strength, and flexibility. Students are expected to be self-motivated and willing to work at a high level of intensity. Activities include Isometric holds, major muscle group weight training, Olympic lifts, interval training, circuit training, cardiovascular conditioning, and flexibility. Other topics include nutrition, injury prevention, plyometrics, speed training, and agility.

This course may be repeated.

Yoga\Conditioning UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Yoga/Body Conditioning Upper College Prep

Course No.: 802

Prerequisite: Fall, Spring, or Summer Physical Education

Credit: 0.5 / One semester

Grades: 10, 11,12

Yoga/Body Conditioning Upper College Prep introduces students to basic yoga exercise and is suitable for all experience levels. This course teaches a balanced combination of sustained poses as well as poses flowing from one another in a mindful progression. A key tenet of this course is mindfulness, wherein observing breath and body are integral to the practice of yoga. Classes are balanced with energy, resulting in a good physical work-out, and with calm resulting in balanced conditioning. This course cannot be repeated.

Students in this course must provide a lock (available in the bookstore) and are required to purchase their own yoga mat.

SCIENCE DEPARTMENT-CORE

Biology CP

Aug 1 - Jun 1, 2023 Grade 11

Biology College Prep

Course No.: 0419

Prerequisite: Completion of chemistry and physics.

Credit: 1.0 / One year

Grades: 11

Biology College Prep is offered for students who need more differentiated instruction and pacing than in the UCP Biology course. In this course, students will examine and analyze biological problems that surface in today's society. Biological topics will include cells, transport, energy, genetics,

evolution, classification, and ecology.
Emphasis will be placed upon interdependence of structure and function.

Biology H

Aug 1 - Jun 1, 2023 Grade 11

Biology Honors

Course No.: 0420

Prerequisite: Completion of chemistry and physics and approval of Science Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 11

Biology Honors This inquiry-based course covers six unifying principles: organization, interdependence, continuity, change, development, and equilibrium. Biological concepts will include macromolecules, cells, energy, human body, genetics, biotechnology, classification, evolution, and ecology. Due to the extensive vocabulary required in this course, it is essential that students have advanced skills in reading comprehension, writing, spelling, and rapid memorization. Students will be expected to continually draw upon newly acquired foundational knowledge to analyze, synthesize, and evaluate biological issues.

Biology UCP

Aug 1 - Jun 1, 2023 Grade 11

Biology Upper College Prep

Course No.: 0421

Prerequisite: Completion of chemistry and physics and approval of Science Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 11

Biology Upper College Prep is an introduction to the fundamental concepts of living organisms. The course will build upon the foundation of science knowledge and skills students have attained in physics and chemistry. In this course, students will examine and analyze biological problems that surface in today's society. Biological topics will include cells, transport, energy, genetics, evolution, classification, and ecology. Emphasis will be placed upon interdependence of structure and function

Chemistry CP

Aug 1 - Jun 1, 2023 Grade 10

Chemistry College Prep

Course No.: 0414

Prerequisite: Completion of freshman physics.

Credit: 1.0 / One year

Grades: 10

Chemistry College Prep is offered for students who need more differentiated instruction and pacing than in the UCP Chemistry course. It is offered for college bound students developing science skills and practical life applications of chemistry. Topics include matter and energy, types of chemicals and their reactions, atomic theory and structure, nuclear chemistry, bonding, solutions, chemical equations and stoichiometry. This course will aim to build upon the students' science skills and knowledge from physics while preparing students with the foundation for the upperclassman biology and elective science courses.

Chemistry H

Aug 1 - Jun 1, 2023 Grade 10

Chemistry Honors

Course No.: 0415

Prerequisite: Completion of freshman physics and approval of Science Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 10

Chemistry Honors This is a laboratory course designed for students needing a thorough background for further work in science. Course topics include measurement, atomic theory and structure, matter and energy, gas laws, bonding, solutions, acids, bases, pH, redox reactions, nuclear chemistry, organic chemistry, and methods of analysis. This sequence will also provide students the background and opportunity for AP science.

Chemistry UCP

Aug 1 - Jun 1, 2023 Grade 10

Chemistry Upper College Prep

Course No.: 0416

Prerequisite: Completion of freshman physics and approval of Science Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 10

Chemistry Upper College Prep is offered for college bound students developing science skills and practical life applications of chemistry. Topics include matter and energy, types of chemicals and their reactions, atomic theory and structure, nuclear chemistry, bonding, solutions, chemical equations and stoichiometry. This course will aim to build upon the students' science skills and knowledge from physics while preparing students with the foundation for the upperclassman biology course and honors and AP science elective.

Physics CP

Aug 1 - Jun 1, 2023 Grade 9

Physics College Prep

Course No.: 0412

Prerequisite: None

Credit: 1.0 / One year

Grades: 9

Physics College Prep is designed to provide information on the fundamental concepts of physics. This inquiry-based course covers unifying principles such as: motion, forces, energy, momentum, waves, sound, light, electricity, and magnetism. Emphasis is placed on understanding physics concepts while strengthening scientific skills and mathematical application. This course will reinforce math skills used in the freshmen algebra courses. This course will also provide extra support for students who may find reading and vocabulary for science especially challenging. This course provides excellent preparation for high school chemistry and biology.

Physics H

Aug 1 - Jun 1, 2023 Grade 9

Physics Honors

Course No.: 0410

Prerequisite: None

Credit: 1.0 / One year

Grades: 9

Physics Honors is designed to provide information on the fundamental concepts of physics. This inquiry-based course covers unifying principles such as: motion, forces, energy, momentum, waves, sound, light, electricity, and magnetism. Emphasis is placed on understanding conceptual physics while strengthening scientific skills and mathematical application. This course has a faster pace and greater depth than Physics CP and UCP. Students examine and analyze physics through application of honors level algebra. This is a laboratory course. This course is for the honors math student aiming toward Chemistry Honors. This sequence will also provide students the background and opportunity for AP sciences

Physics UCP

Aug 1 - Jun 1, 2023 Grade 9

Physics Upper College Prep
Course No.: 0411
Prerequisite: None
Credit: 1.0 / One year
Grades: 9

Physics Upper College Prep is designed to provide information on the fundamental concepts of physics. This inquiry-based course covers unifying principles such as: motion, forces, energy, momentum, waves, sound, light, electricity, and magnetism. Emphasis is placed on understanding physics concepts while strengthening scientific skills and mathematical application. This is a laboratory course. This course will reinforce math skills used in the freshmen algebra courses. This course provides excellent preparation for high school chemistry and biology.

SCIENCE DEPARTMENT-ELECTIVES

Anatomy/Physiology H

Aug 1 - Jun 1, 2023 Grade 12

Anatomy and Physiology Honors
Course No.: 0422
Prerequisite: Approval of Science Department based upon student's performance review.
Credit: 1.0 / One year
Grades: 12

Anatomy and Physiology Honors This laboratory course is offered for students who have an interest in a health field career and/or who want to increase their understanding of the human body. It includes a detailed study of the structure and function of the organ systems of the human body. The emphasis in this course focuses on the normal human condition. Because of the large number of anatomical terms, students are required to rapidly understand vocabulary and use it precisely

Biology AP

Aug 1 - Jun 1, 2023 Grade 12

Biology Advanced Placement
Course No.: 0450
Prerequisite: Approval of Science Department based upon student's performance review AND completion of Honors Biology and Honors Chemistry OR a minimum of 90% in both UCP Biology and UCP Chemistry.
Credit: 1.0 / One year
Grades: 12
Other: AP Biology exam is required.

Biology Advanced Placement is a rigorous college-level course selected by students who wish a second year of biology. Course content includes ecology and behavior, biochemistry, the structure and function of cells, cell signaling, genetics, evolution, classification, molecular biology and microbiology. This course is designed to prepare students for the Advanced Placement exam and to prepare students for introductory level college biology courses.

Chemistry DC/AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Chemistry Dual Credit & Advanced Placement
Course No.: 0441
Prerequisite: Completion of physics and honors Chemistry. Approval of science department based on student's performance review.
Credit: 1.0 / One year

Grades: 11, 12

Fee: \$145 - Fee includes AP Exam, review software, and lab supplies.

AP students will be required to take the AP Chemistry exam. Dual Credit students have the option of taking the AP exam. Dual Credit through Loyola University. Dual Credit & Advanced Placement Chemistry is an advanced, college-level course elected by students who wish a second year of chemistry. Students who take this course can earn college credit while at the same time fulfilling Carmel Catholic graduation requirements. Course content includes stoichiometry, atomic theory, solids, liquids and gases, thermochemistry, solutions, chemical bonding, chemical reactions, chemical equilibrium and reaction kinetics. This course includes a heavy laboratory emphasis. This course is designed to prepare students for the Advanced Placement test and introductory college chemistry courses.

Earth and Space Science UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 10

Earth and Space Science Upper College Prep

Course No.: 0455

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10

Earth and Space Science Upper College Prep is an introductory science course. Students will survey the interconnections between the land, ocean, atmosphere, and life of our planet. Earth and Space science will explore four key areas: astronomy, geological structures and forces, weather, and global climate change. Topics will include the Earth and the solar system, plate tectonics, natural disasters, and the human impact on our planet. This course is designed to meet the three dimensions of the NGSS standards: science and engineering practice, crosscutting concepts, and disciplinary

Environmental Biology DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Environmental Biology Dual Credit

Course No.: 0496

Prerequisite: Completion of at least two years of a core science and enrolled in a third. Teacher recommendation.

Credit: 1.0 / One year

Grades: 11, 12

Fee: \$145

Environmental Biology Dual Credit focuses on the relationships between humans and the environment. Topics include ecology, population biology, modification of our environment, resource use, land use planning, pollution, and energy. The goal is to better understand the biological and social problems that human use and misuse of the environment cause. This course includes a lab component.

Course credit is contingent upon additional prerequisites of the partnering institution.

Forensic Science UCP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Forensic Science Upper College Prep

Course No.: 0470

Prerequisite: Completion of any level of physics and Chemistry. With regard to biology: CP, UCP or Honors Biology must have been taken or UCP or Honors Biology can be taken concurrently.

Credit: 0.5 / One semester

Grades: 11, 12

Forensic Science Upper College Prep Forensic Science is a STEM oriented course that applies the principles of physics, chemistry, and biology to the science of solving crimes. This is course rich in exploration and lab investigation and will help hone observational and critical thinking skills. Topics will include the examination of physical evidence, such as hair and fibers, soil and plants, and entomology. DNA profiling and blood spatter patterns will be studied along with toxicology, ballistics, fingerprint analysis, and forensic anthropology. Due to the nature of the content, students must exhibit a high level of maturity and work ethic.

Human Ecological Footprint DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Human Ecological Footprint Dual Credit

Course No.: 0452

Prerequisite: Completion of any level of physics and chemistry.

Credit: 0.5 / One semester

Grades: 11, 12

Fee: \$145

Human Ecological Footprint Dual Credit is an introduction to global human ecology and concentrates on how humans affect global ecosystems and how these changes can impact our behavior, health, economics, and politics. Why have so many ancient civilizations collapsed? Is modern industrial civilization in danger of extinction? Many scientists and concerned citizens believe humans are on the brink of a serious ecological crisis. What is that crisis and how can it be avoided? We will approach these problems by studying longterm global perspectives of research on the interrelationship of humans and the natural environment. In this service-based learning class, we will be performing service and research on waste disposal on campus. Course credit is contingent upon additional prerequisites of the partnering institution.

Introduction to Organic Chemistry and Biochemistry H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Introduction to Organic Chemistry

and Biochemistry Honors

Course No.: 0497

Prerequisite: Seniors: A in Biology UCP or a B or better in Biology H. Juniors: A in Chemistry UCP or a B or better in Chemistry H.

Credit: 0.5 / One semester

Grades: 11, 12

Introduction to Organic Chemistry and Biochemistry Honors will be a survey of organic compounds with focus on naming, structure and function. An introduction to the structure, function, and metabolism of carbohydrates, lipids, proteins, and nucleic acids will also be emphasized. A laboratory component will correlate with the above topics.

Physics C Mechanics AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Physics C – Mechanics Advanced Placement

Course No.: 0469

Prerequisite: Completion of Calculus or concurrent enrollment in either Calculus or Pre-Calculus/Calculus

Honors AND approval of Science Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 11, 12

Fee: \$100 - Fee includes the AP Exam and lab fees.

Other: Physics C AP exam is required.

Physics C – Mechanics Advanced Placement This is a physics laboratory class intended for students interested in majoring in Engineering, Science or Mathematics. This course covers Newtonian mechanics in depth including such topics as: kinematics, Newton's laws of motion, work, energy, linear momentum, rotational mechanics, and gravitation. Depending upon time, we may also cover electricity and magnetism: electrostatics, magnetic fields, and electromagnetism. Introductory differential and integral calculus will be used. This course is designed to prepare students for the AP exam and college level physics.

Zoology UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Zoology Upper College Prep

Course No.: 0480

Prerequisite: Completion of one year of science and approval of Science Department based upon student's performance review.

Credit: 0.5 / One semester

Grades: 10, 11, 12

Zoology Upper College Prep provides the student with a survey of invertebrate and vertebrate animals. Zoology students will explore the diversity of animal life by studying taxonomy, anatomy, physiology, ecology, and behavior as it applies to representative animal species. Zoology is a lab intensive course where skills such as dissection and advanced microscope techniques are developed.

SOCIAL STUDIES DEPARTMENT-CORE

United States Government and Politics AP

Aug 1 - Jun 1, 2023 Grade 12

United States Government and Politics Advanced Placement

Course No.: 0535

Prerequisite: Approval of Social Studies Department based upon student's application/ performance review.

Credit: 0.5 / One semester

Grades: 12

Fee: \$100 - Fee includes the AP Exam.

Other: The Federal and State Constitution exams are taken during this course.

AP Government exam required. Advanced Placement United States Government and Politics is designed for students who are interested in a more comprehensive study of the U.S. system of government and politics. Students are expected to be self-motivated and willing to work outside of class time. We will be using a college level text book and primary source material including historical documents, legislation, party platforms, court cases, etc.

This course provides a strong background in government and politics for college bound students, especially those planning to major in one of the social sciences. In preparation for the AP exam, students will analyze primary source material, write critical essays, carefully follow current events, interpret political data, and conduct research on contemporary political issues. In addition, students will learn the skills of responsible citizenship by following current events, voting, writing letters to public officials and publications, and being involved in community service and political activities.

Topics covered in this course include citizenship, the philosophical foundations of U.S. constitutional government; basic principles of U.S. government; political culture (beliefs and behaviors); political participation (political parties, interest groups, the media); institutions of government (legislative, executive, judicial branches, the bureaucracy); civil rights and civil liberties; and public policy formulation (domestic and foreign).

In preparation for the AP exam, students will analyze primary source material, write critical essays, carefully follow current events, interpret political data, and conduct research on contemporary political issues.

United States History AP

Aug 1 - Jun 1, 2023 Grade 11

United States History AP

Course No.: 0520

Prerequisite: Approval of English and Social Studies

Departments based upon student's application/performance review.

Credit: 1.0 / One year

Grades: 11

Fee: \$100 - Fee includes the AP Exam.

Other: AP U.S. History exam required

United States History Advanced Placement is designed to provide the student with the factual knowledge, writing skills, and analytical processes to effectively understand American history and successfully prepare for and pass the Advanced Placement exam. Taught at an introductory college level, the course is reading, writing, and discussion intensive and will challenge even exceptional students. Readings include, but are not limited to, the text, alternate historical interpretations, primary documents and materials, historical novels, and current events articles.

The student will develop skills necessary for writing historical essays and documents based questions required for the AP exam. The course challenges students to seek cause and effect relationships, to examine connections between American history and the present world, and to analyze primary and secondary historical sources. This course moves at an extremely fast pace, requiring extensive work outside of class and appeals to the self-motivated learner.

United States History H

Aug 1 - Jun 1, 2023 Grade 11

U.S. History Honors

Course No.: 0530

Prerequisite: Approval of Social Studies Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 11

U.S. History Honors is a reading intensive course that surveys the history of the United States from pre-Columbian societies to the Cold War and modern era. Study includes colonial foundations, wars, foreign and domestic policies, presidential administrations, and social/cultural trends. Focus is placed on the student's ability to identify, interpret, and compare cause and effect relationships and significance. Students are assigned extensive readings including summative histories, alternative historical interpretations, and vast collections of primary sources. Students are expected to be self-motivated and participate in weekly class discussions.

United States History UCP

Aug 1 - Jun 1, 2023 Grade 11

U.S. History Upper College Prep

Course No.: 0533

Prerequisite: Approval of Social Studies Department based upon student's performance review.

Credit: 1.0 / One year

Grades: 11

Fee: None

Other:

U.S. History Upper College Prep is designed to introduce the student to important events, people, and places that have helped shape America today. Political, economic, and philosophical differences, which have helped form U.S. government and society, are emphasized. Students demonstrate their ability to formulate cause and effect relationships, compare and contrast different opinions and trends, and draw conclusions from a variety of sources.

US Government & Civics H

Aug 1 - Jun 1, 2023 Grade 12

U.S. Government and Civics Honors

Course No.: 0537

Prerequisite: Approval of Social Studies Department based upon student's performance review.

Credit: 0.5 / One semester

Grades: 12

Other: The Federal and State Constitution exams are taken during this course.

U.S. Government and Civics Honors is a one semester course that is designed to provide the student with an overview of the structure and function of the U.S. political system. Basic concepts of the course include citizenship and immigration; philosophical foundations; the federal system; the U.S. Constitution; the structure and function of the legislative, executive, and judicial branches of government; state and local government; the Illinois Constitution; political parties and the electoral process; and the role of the U.S. in the international community. Students are expected to relate primary source readings to contemporary political issues and events. This course covers more information at a deeper and more thorough level than the UCP U.S. Government course. This course provides a strong background in government for the college bound student planning to major in one of the social studies.

US Government and Civics UCP

U.S. Government and Civics Upper College Prep

Course No.: 0536

Prerequisite: Approval of Social Studies Department based upon student's performance review.

Credit: 0.5 / One semester

Grades: 12

Other: The Federal and State

Constitution exams are taken during this course.

U.S. Government and Civics Upper College Prep The ultimate goal of this class is to encourage students to become more responsible citizens of their community, the nation, and the world. We will discuss the knowledge, skills, attitudes, and actions of effective citizens. Responsible citizens follow current events; try to understand how the political system works; think critically about political situations; and actively try to influence public policy by voting regularly, writing letters to public officials and publications, and becoming involved in community service and political activities. This course is also designed to broaden one's perspective on life and improve critical thinking, research, communication, and study skills. Topics of study include rights and obligations of citizenship; historical foundations of US government; principles of the US Federal System; the Legislative, Executive, and Judicial branches; the U.S. Constitution; immigration; the political process; state and local government; the Illinois Constitution; current events, and the election process

World History AP

World History Advanced Placement

Course No.: 0505

Prerequisite: Approval of English and Social Studies Departments based upon student's performance review.

Credit: 1.0 / One year

Grades: 10

Fee: \$100 - Fee includes the AP Exam.

Other: AP exam will be based on the recommendation of the instructor.

World History Advanced Placement studies our world's history with an emphasis on the era from about 1200 AD to the present. The course introduces overarching world historical themes: impact of societal interactions; change and continuity across world history periods; impact of technology and demography; social, political, and economic structures; cultural and intellectual developments; and interactions with our environment. These themes address historical thinking and skills (constructing and evaluating arguments; using primary documents and data; and handling diversity of interpretations). This is a reading and writing intensive, college level course and is designed to prepare students for the Advanced Placement exam. Requiring significant individual effort, the course will move quickly and appeal to the self-motivated learner. This course will significantly challenge even the most high-achieving high school sophomore. A summer reading and writing assignment may be required.

World History H

World History Honors

Course No.: 0510

Prerequisite: Approval of English and Social Studies

Departments based upon review of the student's performance.

Credit: 1.0 / One year

Grades: 10

World History Honors is for the above-average student and will significantly challenge even those who excelled in middle school social studies classes. This course surveys the history of the world from the start of the Middle Ages (approximately 500 B.C.) up to the year 2000. Concepts of study include the development of governments and law, economic systems, the role of religion in society, and why nations go to war. The interpretation of history, its application to the world, and the analysis of the connections between past, present, and future are among the cognitive skills taught. Emphasis is placed on the study skills of independent reading, critical thinking, note-taking, and interpretive writing.

World History UCP

World History Upper College Prep

Course No.: 0511

Prerequisite: None

Credit: 1.0 / One year

Grades: 10

Fee: None

Other:

World History Upper College Prep surveys a variety of topics spanning the history of the world from the start of the Middle Ages (approximately 500 C.E.) up to the year 2000. The course is a general survey of Western and Eastern civilizations. Additional projects in current events, geography, and reading may be required. Emphasis is placed on reading, note-taking, and writing as well as the methods used in solving historical problems and current world problems.

SOCIAL STUDIES DEPARTMENT-ELECTIVES

Ancient World History H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Ancient World History Honors

Course No.: 0512

Prerequisite: Approval of English and Social Studies

Departments based upon student's performance review.

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Ancient World History Honors will survey the history of the world from the dawn of civilization up to the start of the Middle Ages (approximately 500 B.C.). The first cradles of civilization will be studied as will such classical empires as Greece, Rome, India, and China. Topics discussed will include the formation of societies including government, law, and economic systems; the formation and role of religions; and comparison of cultures in these societies. The interpretation of history; its application to the world; and the analysis of the connections between past, present, and future are among the cognitive skills taught. Emphasis is placed on the study skills of independent reading, critical note-taking, and interpretive writing.

Ancient World History UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Ancient World History Upper College Prep

Course No.: 0513

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Ancient World History Upper College Prep will survey the history of the world from the dawn of civilization up to the start of the Middle Ages (approximately 500 B.C.). The first cradles of civilization will be studied as will such classical empires as Greece, Rome, India, and China. Topics discussed will include the formation of societies including government, law, and economic systems; the formation and role of religions; and the comparison of cultures in these societies. Study skills such as independent reading, note-taking, critical thinking, and expository writing will all be emphasized

Chicago History UCP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Chicago History and Culture Upper College Prep

Course No.: 0519

Prerequisite: None

Credit: 0.5 / One semester

Grades: 11, 12

Chicago History and Culture Upper College Prep is a survey of the geography, history, and culture of the city of Chicago. It focuses on the importance of Chicago in the development of the metropolitan area, the state of Illinois, the Midwest, the nation and the global community. Course resources include various websites, current news articles, selected readings, interviews, photographs, videos, primary sources, virtual field trips, and a class trip to Chicago. Students will learn about the people, places and events that shaped the city and its neighborhoods. Students will discuss the importance of civic values in the local community with an emphasis on the value of diversity and cooperation during times of conflict and change. This course is inter-disciplinary in approach. Students will learn of the interaction among geographic, socio-cultural, political, and economic forces. This course will help the students develop the skills of critical and creative thinking, oral and written communication, time management, and problem solving.

Comparative Government and Politics AP

Aug 1 - Jun 1, 2023 Grade 12

Comparative Government and Politics Advanced Placement

Course No.: 0539

Prerequisite: AP U.S. History or Honors U.S. History plus instructor approval.

Credit: 0.5 / One semester

Grades: 12

Fee: \$100 - Fee includes the AP Exam.

Advanced Placement Comparative Government and Politics introduces students to the fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings, providing the students with a comparative framework to explore the diversity of political life around the globe. At the completion of this course, students will understand how the governmental structure and political operations in China, Great Britain, Iran, Mexico, Nigeria, and Russia differ from our own. Students will compare and contrast political institutions and processes across countries

Criminal Justice DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Criminal Justice Dual Credit

Course No.: 0560

Prerequisite: 3.0 cum GPA; concurrent enrollment in English Hon, AP, or DC

Grades: 11,12

Credit: 0.5 / one semester

Dual credit through the College of Lake County

Criminal Justice Dual Credit examines the legal process and the administration of justice in American society. Students will be exposed to the criminal process from the police function through adjudication, sentencing, and corrections, as well as the social, moral, and political issues involved in the administration of justice in a free society. Coursework includes close reading of text and critical analysis.

Criminal Law DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Criminal Law Dual Credit

Course No.: 0565

Prerequisite: Criminal Justice Dual Credit

Credit: 0.5 / One semester

Grades: 11,12

Criminal Law Dual Credit explores the history and development of the criminal law as a system of social control. An emphasis is placed on legal principles and substantive law. Elements of a crime, specific statutes, and various affirmative defenses are analyzed.

Course credit is contingent upon additional prerequisites of the partnering institution.

European History AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

European History Advanced Placement

Course No.: 0550

Prerequisite: 70% average or higher in another AP class within the Social Studies Department OR 90% average in honors social studies coursework AND approval of Social Studies Department based upon student's application/ performance review.

Credit: 1.0 / One year

Grades: 11, 12

Fee: \$100 - Fee includes the AP Exam.

AP European History exam required. Advanced Placement European History presents students with an in-depth study of the political, economic, religious, intellectual, and social themes in European history from the Renaissance through the twentieth century.

This course is designed to develop students' knowledge of factual material, as well as their analytical thinking abilities and organization and writing skills. The course is constructed to address the themes and concepts of European history at the introductory college level. As such, students will be expected to do more projects and presentations than students in an honors level class and will be held to more rigorous standards. Students are required to complete readings from the text, excerpts from related books, historical documents, and selected essays. Students develop their writing skills through analytical essays of interpretation, comparison, and criticism.

This course is designed to prepare students for the Advanced Placement test. Students complete a major research paper, responses to articles and historical documents, as well as essays and oral presentations. This course challenges students to examine important facets of European history through the use of primary and secondary sources. A summer reading list may be completed. Students will be required to take the AP European History exam..

European History H

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

European History Honors

Course No.: 0555

Prerequisite: A minimum of 70% average in previous AP classes or 90% in honors level history classes and approval of the Social Studies department.

Credit: 1.0 / One year

Grades: 11, 12

European History Honors presents students with an in-depth study of the political, economic, religious, intellectual, and social themes in European history from the Renaissance through the twentieth century. The course will develop students' knowledge of factual material as well as their analytical thinking abilities and writing skills. Students are required to complete readings from the text, historical documents, and selected essays.

This course challenges students to examine important facets of European history through the use of primary and secondary sources. Students may be expected to complete a major research paper as well as other essays and oral presentations.

Geography UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Geography Upper College Prep

Course No.: 0515

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Geography Upper College Prep centers on the study of world geography. It includes a study of the student's physical world as well as the cultural aspects of the continents, focusing on North America. The student examines, researches, and creates projects on areas of the world describing climate and economic and social structures. Using charts, maps, and globes, the student acquires knowledge of the continents, oceans, islands, and major nations of the world. The student compares and contrasts the different lifestyles found in countries, as influenced by the geography of the area. The student evaluates challenging problems in the world using the basics of geography, acquiring a global perspective on problems such as hunger, pollution, diseases, political alliances, and military conflicts.

Global Issues 21st Century UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Global Issues of the 21st Century Upper College Prep

Course No.: 0516

Prerequisite: None

Credit: 0.5 / One semester

Grades: 9, 10, 11, 12

Global Issues of the 21st Century Upper College Prep introduces students to many of the basic themes, theories and problems in the twentieth and twenty-first century worlds such as governance, conflict, and human rights. Students will apply historical analysis and inquiry skills to some of the major events of this past century. The class provides students with both historical background and the conceptual tools for understanding these events. Students will identify major trends in national behavior, focusing on the motivations for and impacts of such trends. The goal is to give students the perspective necessary for better understanding our world today. This course uses readings from multiple sources and focuses on analysis, writing, and extensive class discussion and debate

History of Europe's Development 500b.c.- a.d.1600 DC

Aug 1 - Jun 1, 2023

Grade 11 - Grade 12

History of Europe's Development 500 B.C. –A.D. 1600, Dual Credit

Course No.: 0557

Prerequisite: Success in previous AP/Honors world history coursework, and instructor's approval.

Credit: 1.0 / One year

Grades: 11, 12

History of Europe's Development 500 B.C. – A.D. 1600, Dual Credit provides an overview of the history of Europe, identifying major themes and trends from ancient (500 B.C.) through modern times. We will discuss and discern how early political, social, and artistic trends in the histories of the Near East and the Mediterranean influenced European societies. In addition, this course recognizes individuals and groups whose roles created or hindered change as European identity developed and expanded around the world through various means, including colonialization and imperialism. Course credit is contingent upon additional prerequisites of the partnering institution.

Holocaust/Genocide H

Aug 1 - Jun 1, 2023

Grade 10 - Grade 12

The Holocaust and Genocide in the Modern World Honors

Course No.: 0525

Prerequisite: Approval of English and Social Studies

Departments based upon student's performance review.

Credit: 0.5 / One semester

Grades: 10, 11, 12

The Holocaust and Genocide in the Modern World Honors is designed for the history student who would like to probe a narrower topic in greater depth than the traditional survey course. This class will define genocide, drawing primarily on examples from the 20th century. Students will then focus on the rise of Nazism and the staging of the Holocaust, including its roots in earlier anti-Semitism. The responses to and results of the Holocaust in the second half of the 20th century will also be examined with the goal of ultimately looking at contemporary issues of genocide on a world-wide basis and responses to them. Students will engage in reflective thinking and will be expected to participate in discussion and sharing of ideas. In addition to reading from various documents and writing, students may be expected to engage in various research projects during the term.

Modern American History through Film H

Aug 1 - Jun 1, 2023

Grade 11 - Grade 12

Modern American History through Film Honors

Course No.: 0577

Prerequisite: World History Honors or above, U.S. History Honors or above, U.S. Government Honors or above, or recommendation of teacher.

Credit: 0.5 / One semester

Grades: 11, 12

Modern American History through Film will be a discussion and essay-based course examining United States history from 1941 to the present day through a series of films. Topics will include World War II, the Cold War, the Civil Rights Movement, the War on Terror, the 2008 economic crisis, and more. The focus of the course will be exploring various historical themes throughout the films—such as the American history of war—and taking a more in-depth examination of modern U.S. history than is available in the standard courses. Students will be expected to participate in daily discussions, should have a strong writing ability, and will need a parental permission slip to watch several of the films which may contain scenes of violence and strong language.

Psychology AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Psychology Advanced Placement

Course No.: 0546

Prerequisite: Approval of instructor

Credit: 1.0 / One year

Grades: 11, 12

Fee: \$100 – Includes AP Exam.

Other: The AP Psychology exam will be based on the instructor's recommendation.

Psychology Advanced Placement is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

At the completion of this course, students will find themselves asking more questions and having fewer answers. In addition to having a greater appreciation for their own human experience, students will begin to think more critically, demand more evidence, and keep an open mind to research that runs counter to their own beliefs and intuition.

Psychology UCP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Psychology for Life Upper College Prep

Course No.: 0545

Prerequisite: None

Credit: 0.5 / One semester

Grades: 11, 12

Psychology for Life Upper College Prep is an introductory course that places special emphasis on the area of social psychology. Students will cover the topics of child development, adolescent behavior, old age and dying, motivation, emotion, attitudes and how they influence our beliefs, personality theories, mental health and illness, as well as influential studies. Students will gain insight into self-understanding as well as others' behavior. After completing the course, students will acquire the practical knowledge that can be used to understand, predict, and influence human behavior.

Sociology UCP

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Sociology Upper College Prep

Course No.: 0547

Prerequisite: None

Credit: 0.5 / One semester

Grades: 10, 11, 12

Sociology Upper College Prep examines the principles and social structures of various cultures. The course focuses on developing the students' ability to analyze human similarities and differences. Students read primary and secondary source material as well as examine data in graph and table form in order to apply sociological concepts to problems and everyday activities. An emphasis is placed on lecture and discussion in large and small

groups. The students are also required to research topics dealing with themes in sociology. They identify social and moral issues, examine different cultures, and develop cultural awareness.

THEOLOGY DEPARTMENT

Catholic Morality UCP

Aug 1 - Jun 1, 2023 Grade 11

Catholic Morality Upper
College Prep
Course No.: 0926
Prerequisite: None
Credit: 0.5 / Fall semester
Grades: 11

Catholic Morality Upper College Prep is designed to help students learn Catholic Moral Principles and to use them as guidelines in making decisions throughout their lives. In this class, the students will discuss personal character and virtue to help become better informed and responsive in living a Christian moral life. Students will also learn a decision making model and will practice using it in hypothetical situations.

Catholic Philosophy H

Aug 1 - Jun 1, 2023 Grade 12

Catholic Philosophy Honors
Course No.: 0945
Prerequisite: Cumulative GPA of 3.00; approval of Department Chair.
Credit: 0.5 / One semester
Grades: 12

Catholic Philosophy Honors: In this course students will examine their relationship with God and develop their philosophy of life by studying the works of philosophy from Plato to Sartre, Thales to Chalmers, etc. In this course students will evaluate, synthesize, and fashion a rudimentary framework for their own philosophical thoughts. The student is challenged to defend his/her own philosophical insights while applying them to their relationship with God, the Church and the world.

Catholic Social Justice UCP

Aug 1 - Jun 1, 2023 Grade 11

Catholic Social Justice Upper College Prep
Course No.: 0935
Prerequisite: None
Credit: 0.5 / Spring semester
Grades: 11

Catholic Social Justice Upper College Prep examines the current moral trends, problems, and issues that affect our society. These issues are examined in the light of Catholic social teaching, which offers humanity a direction and a social vision that mirrors the values of the reign of God that Jesus announced and embodied.

Catholic Spirituality H

Jun 1 - Aug 1, 2023 Grade 12

Catholic Spirituality Honors

Course No.: 0930

Prerequisite: Honors Level or higher English. Submission of Reflection Essay detailing why you want to take the course.

Credit: 0.5 / One semester

Grades: 12

Catholic Spirituality Honors is a reading intensive and writing intensive course to help students develop a Catholic spiritual life. Through praying the Liturgy of the Hours, lectio divina, and by reading the great spiritual masters (ie. St. Augustine, St. Bernard of Clairvaux, Therese of Lisieux, etc) a solid relationship with God will be planted. Throughout the course the students will compose a number of reflections and engage in class discussions where they examine the impact of the teachings of the spiritual masters in their own lives.

Catholicism: Media and Literature UCP

Aug 1 - Jun 1, 2023 Grade 12

Catholicism: Media and Literature Upper College Prep

Course No.: 0965

Prerequisite: None

Credit: 0.5 / One semester

Grades: 12

Catholicism: Media and Literature Upper College Prep examines how Catholicism and its central themes are communicated in literature, film, and other contemporary media. A variety of topics will be explored, including the nature of God and creation, the existence of evil, redemption and salvation. The literature of C.S. Lewis, J.R.R. Tolkien, and other influential writers will be explored along with examples from film and television.

Christian Lifestyles UCP

Aug 1 - Jun 1, 2023 Grade 12

Christian Lifestyles Upper College Prep

Course No.: 0937

Prerequisite: None

Credit: 0.5 / One semester

Grades: 12

Christian Lifestyles Upper College Prep examines the life choices a person makes including the single, religious, and married lifestyles. The student examines personal growth issues such as self-esteem, maturity, sexuality, as well as healthy living qualities such as compassion, joy, generosity, and choosing God's gifts in light of making complex life choices every day. The student analyzes life topics such as dating, family, divorce, death, separation, commitment, responsibility, and child rearing.

Church History UCP

Aug 1 - Jun 1, 2023 Grade 10

Church History Upper College Prep

Course No.: 0942

Prerequisite: None

Credit: 0.5 / Spring semester

Grades: 10

Church History Upper College Prep seeks to help the students appreciate the development of the Catholic Church through history. This introductory course on Church history attempts to help the students come to an appreciation of both history and Church. Rather than mere chronology, this course describes Church history as a story: how Christ has been and continues to be manifested through Christians in the various historical circumstances that the Church has found herself.

Comparative World Religions UCP

Aug 1 - Jun 1, 2023 Grade 12

Comparative World Religions Upper College Prep

Course No.: 0939

Prerequisite: None

Credit: 0.5 / One semester

Grades: 12

Comparative World Religions Upper College Prep enables the student to examine, analyze, and appreciate the rich traditions of the major world religions in light of the truths presented in the Catholic faith. The students analyze Christian beliefs in light of the beliefs and cultures of the world's religions.

Foundation of Catholicism UCP

Aug 1 - Jun 1, 2023 Grade 9

Foundations of Catholicism Upper College Prep

Course No.: 0912

Prerequisite: None

Credit: 0.5 / Fall semester

Grades: 9

Foundations of Catholicism Upper College Prep introduces the student to the basic beliefs of the Catholic Church and its vocabulary. This will be done through the model of the Creeds, the Sacraments, and the documents of the Second Vatican Council.

New Testament UCP

Aug 1 - Jun 1, 2023 Grade 10

New Testament Upper College Prep

Course No.: 0915

Prerequisite: None

Credit: 0.5 / Fall semester

Grades: 10

New Testament Upper College Prep This course focuses on the life, time frame, teachings, parables, and miracles of Jesus Christ. The student examines the tenets and teachings of Jesus as they apply to his/her life. A historical perspective is included to enable the student to appreciate the style and genre of the New Testament writers. A study of scripture text formation enables the student to analyze the context of the New Testament.

Old Testament UCP

Aug 1 - Jun 1, 2023 Grade 9

Old Testament Upper College Prep

Course No.: 0914

Prerequisite: None

Credit: 0.5 / Spring semester

Grades: 9

Old Testament Upper College Prep examines the rich traditions of Judaism as a basis of the Catholic faith by analyzing the historical figures, stories, literary forms, scripture formation, and culture of the ancient Hebrew society. This course gives the student a framework and context within which to analyze the background, environment, and culture of Jesus Christ.

Women of Faith UCP

Aug 1 - Jun 1, 2023 Grade 12

Women of Faith Upper College Prep

Course No.: 0941

Prerequisite: None
Credit: 0.5 / One semester
Grades: 12

Women of Faith Upper College Prep first surveys the role and contributions of significant women in both the Hebrew Scriptures and the Christian Testament. Then students examine the lives and writings of a cross-section of Catholic women throughout the history of the Church: mothers, daughters, mystics, healers, teachers, visionaries, artists, and founders.

WORLD LANGUAGES DEPARTMENT

Chinese 1 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Chinese 1 Honors
Course No.: 0391
Prerequisite: Concurrent enrollment in English Honors or English UCP.
Credit: 1.0 / One year
Grades: 9, 10, 11, 12

Chinese 1 Honors is the first year of a four-year introduction to Mandarin Chinese, the official language of mainland China and Taiwan. It provides students with a firm foundation in the basics of contemporary Chinese language and culture. Emphasis is on the writing of simplified Chinese characters to create simple sentences and the familiarization with traditional characters. Students will be required to read and write approximately 300 Chinese characters. Oral proficiency in Chinese is based on an understanding of the characteristic tones and Pinyin (phonetic transliteration system for the sounds of Chinese). Topics discussed include greetings, family, times and dates, hobbies, visiting friends, making appointments and school life. Students develop listening, speaking, reading, and writing skills in class by practicing them in real life situations. Although class will be conducted almost entirely in English, students are encouraged to speak Chinese in class.

Chinese 101 DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Chinese 101 Dual Credit
Course No.: 0392
Prerequisite: Chinese 2 H
Credit: 1.0 / One year
Grades: 11, 12

Chinese 101 Dual Credit is the third year of a four-year introduction to Mandarin Chinese. Students will continue to develop their foundation in the basics of contemporary Mandarin Chinese and the Chinese culture. Building upon their mastery of Chinese characters, the students will be able to read and write another 300 characters. Topics addressed are renting an apartment, sports, travel, and at the airport. Multiple daily activities and instructional strategies will allow students to further develop listening, speaking, reading and writing skills. Students are required to speak the target language in class. Short research projects are included in every lesson to enhance cultural studies. Units include the Chinese holidays: Chinese New Year, Mid-Autumn Festival and the Dragon Boat Festival.

Course credit is contingent upon additional prerequisites of the partnering institution.

Chinese 102 DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Chinese 102 Dual Credit
Course No.: 0390
Prerequisite:
Credit: 1.0 / One year
Grades: 11, 12
Fee: \$20 - Fee is for the AAPPL Proficiency Exam.

Chinese 102 Dual Credit is a continuation of Chinese 101 Dual Credit. This course further extends student's knowledge of Chinese vocabulary and grammar, and improves their skills in speaking, listening, reading, and writing. Students will gain a deeper understanding of Chinese culture. Class will be conducted entirely in the target language. Vocabulary will be increased by approximately 500 characters. Class will focus upon learning Chinese customs, proverbs, folk tales and traditions; reading short stories about famous Chinese Americans; understanding beyond basic dialogues; mastering the fundamentals of Chinese grammar; discussing Chinese culture and traditions; and speaking fluent Chinese.

Chinese 2 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Chinese 2 Honors

Course No.: 0399

Prerequisite: Successful completion of Chinese I H

AND approval of Chinese teacher based on student's performance review.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Chinese 2 Honors is the second year of a four-year introduction to Mandarin Chinese. Students will continue to develop their foundation in the basics of contemporary Mandarin Chinese and the Chinese culture. Another 300 Chinese characters will be introduced into their vocabulary as well as new grammar structures. Topics addressed are shopping, transportation, weather, dining, asking directions, birthday parties, seeing a doctor, and dating. Multiple daily activities and instructional strategies will allow students to further develop listening, speaking, reading, and writing skills. Students are required to speak the target language in class. Short research projects are included in every lesson to enhance cultural studies.

Chinese Language and Culture AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Chinese Language and Culture Advanced Placement

Course No.: 0398

Prerequisite: Successful completion of Chinese 3.

Credit: 1.0 / One year

Grades: 11, 12

Fee: \$100

Other: Students will be required to take the AP exam.

Advanced Placement Chinese Language and Culture is a course specifically designed for students who would like to apply for college credit. This course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations through a variety of contemporary and classic topics utilizing authentic resources. This includes vocabulary usage, language control, and communication strategies. This course develops students' cultural awareness and appreciation of cultural products, practices, and perspectives.

French 1 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

French I Honors

Course No.: 0310

Prerequisite: The French proficiency assessment is required for placement of all students with prior experience in French. Concurrent enrollment in Honors English.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

French I Honors This course provides the students with an introduction to the French language. It promotes verbal and nonverbal communication skills in French and the use of the language in familiar settings. The students learn about cultural differences, and they learn to be more tolerant and respectful of other people's views. Listening, speaking, reading, and writing skills are developed in the French language

French 1 UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

French I Upper College Prep

Course No.: 0315

Prerequisite: The French proficiency assessment is required for placement of all students with prior experience in French. Concurrent enrollment in UCP English.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

French I Upper College Prep provides the students with an introduction to the French language. It promotes verbal and nonverbal communication skills in French and the use of the language in familiar settings. The students learn about cultural differences, and they learn to be more tolerant and respectful of other people's views. Listening, speaking, reading, and writing skills are developed in the French language.

French 2 H

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

French 2 Honors

Course No.: 0311

Prerequisite: Successful completion of French I Honors.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

French 2 Honors is conducted in French and concentrates on promoting more complex linguistic ability by learning a wide selection of vocabulary and applying progressively intricate language structures. The emphasis is on correct grammar, vocabulary development, and accurate pronunciation. It promotes verbal and non-verbal communication skills while using language in situational contexts. Writing skills are broadened. Students compare and contrast their culture with that of the French-speaking people of the world. Interpersonal and presentational based tasks and assessments will help students to better communicate in the target language.

French 2 UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

French 2 Upper College Prep

Course No.: 0316

Prerequisite: Successful completion of French 1 UCP.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

French 2 Upper College Prep is conducted heavily in French. The beginning of this course is based on intense review from the previous year. This course develops and expands the vocabulary, grammar, and pronunciation taught in French I UCP. Basic skills continue to be stressed. Students learn to exchange information, and to maintain simple conversations in French. Students read and comprehend short reading selections and improve basic writing skills. Cultural comparisons enable the students to appreciate and understand the uniqueness of other cultures as well as their own.

French 3 H

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

French 3 Honors

Course No.: 312

Prerequisite: Successful completion of French 2 Honors.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

French 3 Honors is conducted in French and incorporates the four balanced-skills approach of the earlier levels: listening, speaking, reading, and writing. Communication among classmates is also entirely in French. Vocabulary and grammar from earlier levels are reviewed, refined, and expanded. Emphasis is placed on broadening and enhancing conversation, grammar, reading, and composition skills. The students read and listen to materials based on the six AP themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students become familiar with the differences between their culture and that of the French-speaking world through communicative assessments

French 3 UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

French 3 Upper College Prep

Course No.: 317

Prerequisite: Successful completion of French 2 UCP.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

French 3 Upper College Prep is conducted in French and concentrates on promoting more complex linguistic ability by learning a broader selection of vocabulary and applying progressively intricate language structures. The emphasis is on correct grammar, vocabulary development, and accurate pronunciation. It promotes verbal and nonverbal communication skills while using language in situational contexts. Writing skills are broadened. Students compare and contrast their culture with that of the French-speaking people of the world.

French 4 UCP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

French 4 Upper College Prep

Course No.: 0322

Prerequisite: Successful completion of French 3 UCP.

Credit: 1.0 / One year

Grades: 11,12

French 4 Upper College Prep It is expected that vocabulary and grammar from the previous language course have been retained so that there is an appropriate foundation for further study. This course is conducted in French and incorporates the four balanced skills approach of the earlier levels: listening, speaking, reading, and writing. Vocabulary and grammar from earlier levels are reviewed, refined, and expanded. Emphasis is placed on broadening and enhancing conversation, grammar, reading, and composition skills. The students read materials based on a selection of current periodicals, portions of classic literature, and cultural readings. Students become familiar with the differences between their culture and that of the French speaking world. Based on enrollment, students in French 4 may be grouped with French 3.

French Language & Culture AP

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

French Language & Culture Advanced Placement

Course No.: 0314

Prerequisite: Successful completion of French 3 Honors.

Credit: 1.0 / One year

Grades: 11, 12

FEE: \$100 Fee includes the AP Exam.

The French Language and Culture AP Exam is required. Advanced Placement French Language & Culture is conducted in French. Communication among classmates is also entirely in French. The AP course provides students with opportunities to increase their proficiency in each of the three modes of communication assessed in the AP French Language and Culture examination: interpersonal, interpretive, and presentational. The course takes a holistic approach to language proficiency and recognizes the interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. The course acquaints the students with six overarching themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. The students are expected to compare their own culture with the culture and experiences of the French-speaking world both through presentational writing and speaking. The course prepares students to participate interpersonally through formal and informal conversations as well as correspondences.

Latin 1 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Latin 1 Honors

Course No.: 0340

Prerequisite: The Latin proficiency assessment is required for placement of all students with prior experience in Latin. Concurrent enrollment in Honors English.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Latin 1 Honors is an introductory course and requires no prior knowledge of Latin. It stressed vocabulary study, derivation of English vocabulary, basic grammatical structures, and simple readings based on Roman and Greek mythology, Roman history, civilization, and culture are emphasized. Students become aware of the impact of Roman civilization upon American government, architecture, and art. The students also do independent projects, additional readings, and research.

Latin 1 UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Latin 1 Upper College Prep

Course No.: 0343

Prerequisite: The Latin proficiency assessment is required for placement of all students with prior experience in Latin. Concurrent enrollment in English UCP.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Latin I Upper College Prep is an introductory course stressing the basic skills necessary for reading and comprehending Latin. Vocabulary study, derivation of English vocabulary, basic grammatical structures and simple readings based on Roman and Greek mythology, Roman history, civilization, and culture are emphasized. Students become aware of the impact of Roman civilization upon American government, architecture, and art.

Latin 2 H

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Latin 2 Honors

Course No.: 0341

Prerequisite: Successful completion of Latin I Honors.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Latin 2 Honors emphasizes second-year grammar, especially the subjunctive mode and its clauses, during the first semester. In addition, selected elements of the Roman culture from the first century B.C. are included. During the second semester the writings of Caesar and Cicero are translated and analyzed. Their political positions are studied. The student does independent projects, additional readings, and research.

Latin 2 UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Latin 2 Upper College Prep

Course No.: 0344

Prerequisite: Successful completion of Latin I UCP. It is expected that vocabulary and grammar from the previous language course have been retained so that there is an appropriate foundation for further study.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Latin 2 Upper College Prep emphasizes second-year grammar, especially the subjunctive mode and its clauses, during the first semester. In addition, selected elements of culture from the first century B.C. are included. During the second semester the writings of Caesar and Cicero are translated and analyzed for similarities. Their political positions are studied.

Latin 3 H

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Latin 3 Honors

Course No.: 0342

Prerequisite: Successful completion of Latin 2. It is expected that general vocabulary and grammar from previous courses have been retained so that there is an appropriate foundation for further study.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Latin 3 Honors incorporates the basic skills of reading and translating and examining complex grammar/syntax sentence structures in authentic Latin through primary sources from Horace, Sallust, Cicero, Ovid and Lucretius. The philosophical, political and religious influences for the late Roman Republic through the beginning of the Augustan Age are also examined.

Latin DC

Aug 1 - Jun 1, 2023

Grade 11 - Grade 12

Latin Dual Credit

Course No.: 0339

Prerequisite: B or better in Latin 3 Honors.

Credit: 1.0 / One year

Grades: 11, 12

Other: This course is offered through Loyola University.

Dual Credit Latin focuses on the literature and society of Rome at the time of Julius Caesar, in particular translation of selected readings from such authors as Catullus, Sallust, Caesar and Cicero. We will divide these readings into the themes of love and war. After this course, students should be able to translate accurately the selected readings, analyze and appreciate their style and content, and demonstrate knowledge and understanding of their contexts and meanings.

Spanish 1H Heritage Learners

Aug 1 - Jun 1, 2023

Grade 9 - Grade 11

Spanish I for Heritage Learners Honors

Course No.: 0365

Prerequisite: Appropriate score on the Spanish proficiency test, background in Spanish in the home and family context.

Credit: 1.0 / One year

Grades: 9, 10, 11

Spanish I for Heritage Learners Honors of Spanish refine their basic language skills in speaking, reading, writing and listening. They are exposed to academic written & spoken Spanish. They explore the cultures of Spanish-speaking countries through novels, film, and music. This course is a prerequisite for Spanish 2 for Heritage Learners. Learners who understand Spanish but have more limited speaking proficiency are encouraged to take this course.

Spanish 1 UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Spanish I Upper College Prep

Course No.: 355

Prerequisite: The Spanish proficiency assessment is required for placement for all students with previous Spanish background in elementary and middle school. Concurrent enrollment in English UCP or Honors.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Spanish I Upper College Prep provides the students with an introduction to the Spanish language. The Spanish proficiency assessment is required for placement for all students with previous Spanish background in elementary and middle school. Concurrent enrollment in English UCP or Honors. It promotes verbal and nonverbal communication skills and the use of the language in familiar settings. Students will develop skills in the language via the presentational, interpretive, and interpersonal modes of communication. This class builds the students' confidence to be able to read and understand Spanish. Emphasis is placed on developing the communicative competencies (especially grammatical and strategic competence) that will be needed in further study of the Spanish language.

Spanish 2 for Heritage Learners H

Aug 1 - Jun 1, 2023 Grade 10 - Grade 12

Spanish 2 for Heritage Learners Honors

Course No.: 0366

Prerequisite: Appropriate score on the Spanish proficiency test, background in Spanish in the home and family context.

Credit: 1.0 / One year

Grades: 10, 11, 12

Spanish II for Heritage Learners Honors of Spanish further refine and develop their language skills in speaking, reading, writing and listening. They are exposed to academic written & spoken Spanish. They explore the cultures of Spanish-speaking countries through novels, film, and music.

Learners who understand Spanish but have more limited speaking proficiency are encouraged to take this course.

Successful completion of this course makes students eligible for Spanish DC.AP, Spanish Literature AP, Spanish 3 UCP, or Spanish 3 Honors

Spanish 2 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Spanish 2 Honors

Course No.: 0351

Prerequisite: Successful completion of Spanish 1 Honors.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Spanish 2 Honors It is expected that vocabulary and structures from the previous language course have been retained so that there is an appropriate foundation for further study. This course is conducted in Spanish and concentrates on challenging the student further in an immersion environment. Writing skills are broadened and students are given more presentational speaking tasks. More emphasis is placed on developing socio-linguistic competence. Students compare and contrast their culture with that of the Spanish-speaking people of the world.

Spanish 2 UCP

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Spanish 2 Upper College Prep

Course No.: 0356

Prerequisite: Successful completion of Spanish 1 UCP. It is expected that vocabulary and structures from the previous language course have been retained so that there is an appropriate foundation for further study.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Spanish 2 Upper College Prep is conducted primarily in Spanish. This course develops and expands language acquired in Spanish 1 UCP. Interpretive skills continue to be stressed. Students learn to exchange information, and maintain simple conversations in Spanish via interpersonal tasks. Students read and comprehend short reading selections and level-appropriate novels. Students improve basic writing skills. Cultural comparisons enable the students to appreciate and understand the uniqueness of other cultures as well as their own.

Spanish 3 H

Aug 1 - Jun 1, 2023 Grade 9 - Grade 12

Spanish 3 Honors

Course No.: 0352

Prerequisite: Successful completion of Spanish 2 Honors or Spanish 2 for Heritage Learners H.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Spanish 3 Honors It is expected that vocabulary and structures from the previous language course have been retained so that there is an appropriate foundation for further study.

This course is conducted in Spanish and incorporates the four balanced-skills approach of the earlier levels: listening, speaking, reading, and writing. Vocabulary and structures from earlier levels are reviewed, refined, and expanded.

Emphasis is placed on broadening and enhancing conversation, reading, and composition skills. The students read materials based on a selection of current periodicals, portions of classic literature, and cultural readings. Students become familiar with the culture of the Spanish-speaking world.

Spanish 3 UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Spanish 3 Upper College Prep

Course No.: 0357

Prerequisite: Successful completion of Spanish 2UCP.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Spanish III Upper College Prep is conducted in Spanish and concentrates on helping students to apply the Spanish they have acquired in previous levels in presentational and interpersonal writing and speaking tasks. Emphasis is placed in further developing strategic and sociolinguistic competence. Students read materials include: current periodicals, portions of classic literature, cultural readings, and level-appropriate novels.

This course promotes verbal and non-verbal communication skills while using language in situational contexts. Writing skills are broadened. Students compare and contrast their culture with that of the Spanish-speaking people of the world.

Spanish 4 UCP

Aug 1 - Jun 1, 2023

Grade 9 - Grade 12

Spanish 4 Upper College Prep

Course No.: 0349

Prerequisite: Successful completion of Spanish 3 UCP.

Credit: 1.0 / One year

Grades: 9, 10, 11, 12

Spanish IV Upper College Prep It is expected that vocabulary and structures from the previous language course have been retained so that there is an appropriate foundation for further study. This course is conducted in Spanish with a focus on improving students reading, writing and speaking abilities and further developing communicative competence. Language acquired in previous years of study is expanded and applied through presentational and interpersonal speaking tasks. Students interact with Spanish speaking cultures via a selection of novels, current periodicals, and cultural readings. The pace and content of the course are aligned with UCP language courses offered in the department.

Spanish Film and Language DC/AP

Aug 1 - Jun 1, 2023

Grade 11 - Grade 12

Spanish Film and Language Dual Credit/Advanced Placement

Course No.: 0373

Course No.: 0373

Prerequisite: Successful completion of Spanish III Honors or a Spanish DC Course; and/or teacher approval.

Credit: 1.0 / One year

Grades: 11, 12

Spanish Film and Language Dual Credit / Advanced Placement is a course designed to offer advanced students the opportunity to earn college credit while improving their language proficiency and cultural knowledge. This course is equivalent to what was formerly known as a Spanish 4 Honors or Spanish 5 Honors course. This college-level Spanish film course is conducted exclusively in Spanish in order to create an immersive environment conducive to language acquisition. Students will increase and enhance their Spanish proficiency through exploration and discussion of myriad Spanish-language films and topics connected to Hispanic history and culture. Supplementary materials such as readers, magazine articles, online newspapers, historical and literary texts, songs, short videos, and student selected Spanish-language television shows will also be utilized to provide the rich input needed to expand students' knowledge of Hispanic cultures and increase their Spanish proficiencies in the communicative competencies of reading, writing, speaking, and listening. This class will also provide students with additional resources and opportunities to practice and prepare for the AP Spanish Language Exam.

Note - This course allows three different options for students to earn college credit: students may take the class for dual credit through the partnering institution; or students may earn college credit by earning a high score on the AP Spanish Language Exam; or students may elect to take the class for dual credit AND also earn a high score on the AP Spanish Language Exam. Please consult your colleges of choice to make an informed decision about which option will be most beneficial to you.

Course credit is contingent upon additional prerequisites of the partnering institution.

Spanish: Latin American History & Culture DC

Aug 1 - Jun 1, 2023 Grade 11 - Grade 12

Spanish: Latin American History and Culture Dual Credit

Course No.: 0375

Prerequisite: Successful completion of Spanish 3 Honors or a Spanish DC; and/or teacher approval.

Course.

Credit: 1.0 / One year

Grades: 11, 12

Spanish Latin American History and Culture Dual Credit is designed to provide the advanced student with the opportunity to explore Spanish-speaking cultures through the use of a variety of culturally relevant writings, music, and media. This course is equivalent to what was formerly known as a Spanish 4 Honors or Spanish 5 Honors course. The discussion and written assignments will increase the student's proficiency in speaking, listening, reading and writing in the Spanish language. In this course we will explore a full range of music, newspapers, magazines, and articles along with literary works by Hispanic writers. In addition, we will analyze films and videos from award winning film directors to independent film makers. The selection of works will be chosen to provide the student with a wide spectrum of diverse styles and perspectives to stimulate the interest and understanding of the multi-faceted and contrasting aspects that compose the cultures and civilizations of the Hispanic world.

Course credit is contingent upon additional prerequisites of the partnering institution.
