

# St. John Bosco High School Course Catalog



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## --- THEOLOGY ---

All Theology courses are a UC "g" course unless otherwise stated.

**Course Number:** RS100X

**Course Name:** THEOLOGY 9(A): Hebrew Scriptures - The Revelation of Jesus Christ in Scripture (Semester)

**Credits:** 5

**Grade:** 9

**Description:** The purpose of these two semester courses is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In these courses they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible, and will become familiar with the major sections of the Bible and the books included in each section. 9 A: The Revelation of Jesus Christ in Scripture (S-1) In the first semester course, students will study the major sections of the Hebrew Scriptures, including the Pentateuch, the Historical books, the Prophets, and Wisdom literature. Particular attention will be given to the types and prophecies of Jesus in the Hebrew Scriptures.

**Course Number:** RS105X

**Course Name:** THEOLOGY 9(B): Christian Scriptures - Christology I - Who is Jesus Christ? (Semester)

**Credits:** 5

**Grade:** 9

**Description:** The purpose of these two semester courses is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In these courses they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible, and will become familiar with the major sections of the Bible and the books included in each section. 9 B: Who is Jesus Christ? [Christology I] (S-2)The second semester course introduces students to the Mystery of Jesus Christ, the Living Word of God, and the second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate revelation to us from God. In learning about who he is, the students will also learn who he calls them to be. In this second semester course, students will focus on the Gospels and the other sections of the New Testament.

**Course Number:** RS500

**Course Name:** THEOLOGY C: Introduction to Catholicism and Western Culture & Language

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: Recommendation by school counselor. The purpose of this course is to integrate academic English instruction into an overview of the essential concepts of Christianity in order to support ELL students in their continued development of English Language skills while also acclimating to Western Cultural norms and Catholic teachings. By the end of the course, you will have a foundational understanding of the major stories and characters of the Old and New Testaments, as well as knowledge of the key components of the Catholic faith. In addition, you will have expanded your

academic vocabulary, grammatical knowledge, and essay composition skills. *NOTE: This course is not a UC Approved course.*

**Course Number:** RS200X

**Course Name:** THEOLOGY 10(A): Christology II - The Paschal Mystery (Semester)

**Credits:** 5

**Grade:** 10

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

**Course Number:** RS205X

**Course Name:** THEOLOGY 10(B): Ecclesiology & Sacramental Theology (Semester)

**Credits:** 5

**Grade:** 10

**Description:** The second semester helps students understand that in and through the Church they encounter the Living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both Divine and human elements. In this course, students will learn not so much about events in the life of the Church, but about the sacred nature of the Church. Students will also understand that they can encounter Christ today in a full and real way in and through the Sacraments, and especially through the Eucharist. Students will examine each of the Sacraments in detail so as to learn how they may encounter Christ throughout life.

**Course Number:** RS300X

**Course Name:** THEOLOGY 11(A): Christian Morality and Ethics (Semester)

**Credits:** 5

**Grade:** 11

**Description:** This course helps students understand the Catholic belief that it is through Christ that they can fully live out God's plans for their lives. The purpose of this course is the exploration of Christian moral principles, concepts, and precepts based on Catholic Christian Scripture and Tradition which are central to the on-going formation of one's life as a "Good Christian and Honest Citizen."

**Course Number:** RS305X

**Course Name:** THEOLOGY 11(B): World Religions (Semester)

**Credits:** 5

**Grade:** 11

**Description:** The second semester course World Religions (a University of California approved course) helps students to understand the manner in which the Catholic Church relates to non-Catholic Christians and to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions in the

spirit of Vatican II. The course will include an introduction to the concept of religion in general, an analysis of the the important Vatican II document on the Catholic Church's relationship to non-Christian religions, *Nostra Aetate*, and then will examine the major eastern religions: Hinduism and Buddhism, as well as the western-monotheistic (Abrahamic) religions of Judaism and Islam.

**Course Number:** RS400

**Course Name:** THEOLOGY 12(A): Christian Vocations (Semester)

**Credits:** 5

**Grade:** 12

**Description:** This one semester course offers students opportunities to begin to apply what they have come to believe as their vocation as a Christian. The course is designed to be a "practical discipleship" for young men living in the United States in the 21st century. Through the reflection on real life choices, students are able to begin to prayerfully reflect on their personal gifts and unique call by God. Special attention will be given to surveying the various life vocations within the Church: single life, married life, religious life and priestly life. The goal of the course is to help students understand and have some methods of coping with the opportunities, challenges, and developmental tasks facing young adults today.

**Course Number:** RS430

**Course Name:** THEOLOGY 12(B): Catholic Social Teaching (Semester)

**Credits:** 5

**Grade:** 12

**Description:** Prerequisite: Christian Morality and Ethics & World Religions. This one semester course is designed to introduce students to Catholic social teaching to assist them in discovering their ability to create positive change in their own world. Students will critically analyze various aspects of justice that find their root in Biblical and Catholic social teachings. Students will also explore and discuss how these concepts influence human understanding, relationships, and behavior for centuries. Students will understand how individuals operate within community contexts created through interactions and relationships structured by sociability, belonging, and responsibility. This course will encourage students to think critically and expansively about the social world and the conditions of humanity. Social justice will provide a foundation for students to explore social justice concepts, issues, and remedies, thereby developing the necessary analytical tools and information to see inequality and injustice and address historical and contemporary issues relevant to students' present day lives.

**Course Number:** RS440

**Course Name:** THEOLOGY 12(C): Faith in Film, Media, and Literature (Semester)

**Credits:** 5

**Grade:** 12

**Description:** Prerequisite: Life in Jesus Christ (Morality and Ethics)/World Religions. This one semester elective course, open to 10th-12th graders, explores how the experience of Christian faith is manifested explicitly and implicitly in movies, media and literature. Students will explore selected productions of cinematography, other media, and literature to examine their theological and Christological significance.

**Course Number:** RS050

**Course Name:** THEOLOGY 12(D): Christian and Biblical Literature (Semester)

**Credits:** 5

**Grade:** 10-12

**Description:** Through this one semester elective course, students will examine selected literature from the Judeo-Christian Bible as well as other genres of Christian-themed literature including short stories and sections of a novel. Students will encounter these texts through critical reading, plot and character analysis, and theological reflection, therefore elucidating perennial wisdom and meaning for life experiences from religiously-themed literature studied. *NOTE: This course is not a UC Approved course.*

**Course Number:**

**Course Name:** THEOLOGY 12 (E): Johannine Literature: Gospel, First Letter, and Revelation (Semester)

**Credits:** 5

**Grade:** 12

**Description:** This semester-long seminar-style course introduces students to the depth, theology, and spiritual vision of Johannine literature. The primary focus of the course will be on the Gospel according to John, with secondary focus on the Johannine letters, and the Book of Revelation. This course will attempt to integrate intellectual rigor and theological depth with personal faith formation. The course emphasizes the historical and cultural contexts of the Johannine Christian community, the literary structure, symbolism, theological and spiritual importance of these scriptural texts along with fostering mature faith development in the students. Students will engage these scriptural texts through Catholic interpretive tradition, Church teaching, scholarly tools, prayerful reading (*lectio divina*), and critical thinking. By the end of the course, students should be able to read Johannine texts with theological insight, literary awareness, and spiritual maturity, preparing them for college-level biblical studies and lifelong engagement with Sacred Scripture. (*Pending UC Approval*)

## --- SOCIAL STUDIES---

All Social Studies courses are a UC “a” course and NCAA approved unless otherwise stated.

**Course Number:** SS2500 **ONLINE** - SS2501-2502

**Course Name:** AP Human Geography

**Credits:** 10

**Grade:** 9 - 12

**Description:** Recommendation by Department based on Placement Test for incoming 9th grade students OR B or better in BOTH semesters of 9th grade College Prep or Honors or AP in English or Science course OR B or better in BOTH semesters of 10th grade College Prep or Honors History course. The purpose of AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students will develop skills that enable them to use and think about maps and spatial data, understand and interpret the implications of associations among phenomena in places, and recognize and interpret at different scales the relationships among patterns and processes. The following topics will be covered in the course: Geography’s nature and perspectives, population, cultural patterns and processes, political organization of space, agricultural and rural land use, industrialization and economic development, and cities and urban land use. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SS430

**Course Name:** History of Los Angeles

**Credits:** 5

**Grade:** 11 - 12

**Description:** Prerequisite: C or better in BOTH semesters of Comp/World Lit 1. In this single semester course, students will engage the distinctive literature of Los Angeles’ most celebrated voices, as well as new writers who are leading LA writing into the 21 century. Using a blend of fiction, non-fiction, and even film, this class takes a deep dive into the rich, yet often troubling history of our city—all the while creating critical dialogues for our young-adult Los Angelinos to begin paving the way toward a new, more equitable City of Angels. *NOTE: This is a 1-semester elective course. This is a “g” elective.*

**Course Number:** SS200 **ONLINE** - SS201-202

**Course Name:** Modern World History

**Credits:** 10

**Grade:** 10

**Description:** This is a study of the major ideas, events and turning points in the shaping of the modern world. Modern World History focuses on world developments since the late 18th century. Among the periods covered are the Enlightenment, Industrial Revolution, Political Revolutions, Imperialism, World Wars I and II, the Cold War, and Contemporary Events. Critical thinking skills will be developed through analysis of events, cause and effect relationships, and prediction of consequences. Specific learning tools incorporate writing methods, public speaking, use of technology and literature.

**Course Number:** SS2000 **ONLINE:** SS2001-2002

**Course Name:** AP World History

**Credits:** 10

**Grade:** 10

**Description:** Prerequisite: B or better in College Prep or Honors Composition and World Literature 1. The purpose of the Advanced Placement World History course is to use relevant factual knowledge taken from primary and secondary sources with high-order thinking skills to acquire a greater understanding of the development of global processes, from 1200 C.E. to the present day. The course emphasizes the character of change and continuity in world structures and their impacts. Furthermore, this study will evaluate the interchange of major societies in the global community and the results of that interplay. Throughout the duration of this course, the instruction lends itself to chronological periodization as well as thematic perspective. Students in this course take the AP Exam in May with the possibility of receiving college credit or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SS2700

**Course Name:** AP European History

**Credits:** 10

**Grade:** 10

**Description:** Prerequisite: B or better in College Prep or Honors Composition/World Literature 1. This course explores European history from 1200 AD by introducing students to the cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SS300 **ONLINE** SS301-302

**Course Name:** United States History

**Credits:** 10

**Grade:** 11

**Description:** Prerequisite: This course consists primarily of readings in and lectures on the history of the United States. Course will trace the development of the United States from 1605 to the present day, using the traditional political-military approach as well as a social-cultural perspective. Particular emphasis will be on events of the twentieth century, although Exploration and Colonization, Nationalism and Sectionalism, and Industrialization and Expansion will be reviewed appropriately. Students will develop practical familiarity with the geography of the nation, vocabulary appropriate to the study of American history, and understanding of the major historical periods, individuals, movements, and ideas that have contributed to the creation of the American society. Note taking, essay writing, and critical synthesis will be emphasized.

**Course Number:** SS3000 **ONLINE** - SS3001-3002

**Course Name:** AP United States History

**Credits:** 10

**Grade:** 11

**Description:** Prerequisite: A in BOTH semesters of Comp/World Lit 2 OR B or better in BOTH semesters of Honors Comp and World Lit 2 AND A in BOTH semesters of Modern World History or B or better in BOTH semesters of AP European History or AP World History. An accelerated lecture course intended to introduce students to college-level work and expectations. Familiarizes students with the significant events and issues of American history and develops the process of critical analysis necessary to interpret these facts. The course covers the major historical periods in United States history from 1492 to the present, and students will be expected to grasp basic factual knowledge and related themes. In addition, students will be exposed to historical debate on selected issues, focusing on areas of disagreement among historians. Critical thinking and essay writing skills will be strengthened throughout this challenging course. Participants may take the Advanced Placement Exam in May for college credit. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SS400 **ONLINE** - SS451

**Course Name:** Civics

**Credits:** 5

**Grade:** 12

**Description:** In this one semester course, Civics establishes the connection between the basic concepts of American constitutional government and the practical and philosophical applications of democratic participatory citizenship. Students are expected to master various theories of government, the foundations of the United States Constitution, the three-branch system of government, and citizen responsibilities. Both historical and current issues and controversies play a major role in the course and are integrated into the subject matter. Participation and critical thinking are emphasized. Students are encouraged to become informed citizens and to take an active role in the political process. *NOTE: This is a one semester class.*

**Course Number:** SS4000

**Course Name:** AP US Government and Politics

**Credits:** 10

**Grade:** 12

**Description:** Prerequisite: B or better in College Prep or AP US History. *NOTE: this is a 2 semester course on campus.* This on campus course fulfills the Civics and Economics graduation requirement. The overall goal of this college-level course is to develop an understanding of the American political system through an exploration of its philosophy, traditions, values, and Constitutional framework. Students will examine the organization, powers, and processes of the Congress, the Presidency, and Judiciary as they function in the political system. The problems of bureaucracy, faction, interest-group politics, and minority rights will also be explored. Students will write frequently and critically on a variety of topics related to the course and will take the nationally administered Advanced Placement Exam in American Government for college placement or credit in May. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SS4001 (**ONLINE**)

**Course Name:** AP US Government and Politics

**Credits:** 5

**Grade:** 12

**Description:** Prerequisite: B or better in BOTH semesters of US History or AP US History. *NOTE: this is a 1 semester course online.* Students investigate key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study the structure of the Constitution throughout the course, as well as its implications for the functioning of government today. Other foundational documents, landmark Supreme Court cases, and opportunities for research and civic action are key elements in this rich course that prepares students to be informed and active participants in U.S. society. Students will write frequently and critically on a variety of topics related to the course and will take the nationally administered Advanced Placement Exam in American Government for college placement or credit in May. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SS410

**ONLINE - SS411**

**Course Name:** Economics

**Credits:** 5

**Grade:** 12

**Description:** In this one semester course, Economics is an introduction to the study of economics and economic systems prevalent in our world today. Special focus is on the economy of the United States - its structure, problems, and prospects. Course will cover economic foundations, alternative systems, microeconomics and macroeconomics, and aspects of the international economy. Students are expected to assimilate basic economic concepts, and to apply them in realistic situations. Various hands-on experiences may be provided to facilitate student understanding and participation, including the reading of case studies, playing the Stock Market, creating a budget, guest speakers, and current events applicable to the subject matter. Students must utilize mature thinking and writing processes in this course. *NOTE: This is a one semester class. NOTE: This is a "g" elective.*

**Course Number:** SS5001 (**ONLINE ONLY**)

**Course Name:** AP Microeconomics

**Credits:** 5

**Grade:** 11 - 12

**Description:** Prerequisite: A in BOTH semesters of US History OR B or better in BOTH semesters of AP US History. *NOTE: this is a 1 semester course online.* In this course, students establish the fundamentals of economics, with a survey of scarcity, opportunity cost, supply, demand, and market equilibrium. They then zoom out to the largest scale of economic analysis, learning the indicators of whole countries' economic health, specifically gross domestic product, unemployment, and price level. With that foundation, the rest of the course looks at fiscal and monetary policies, their consequences, and the basics of international trade and the foreign exchange market. Besides being intentionally prepared for the AP Exam, students will gain a much deeper understanding of the world around them, the roles that government and banks play in an economy, and the economic outcomes generated by their policy decisions. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester. NOTE: This is a "g" elective.*

**Course Number:** SS5011 (**ONLINE ONLY**)

**Course Name:** AP Macroeconomics

**Credits:** 5

**Grade:** 11 - 12

**Description:** Prerequisite: A in BOTH semesters of US History OR B or better in BOTH semesters of AP US History. *NOTE: this is a 1 semester course online.* In this course, students establish the fundamentals of economics, with a survey of scarcity, opportunity cost, supply, demand, and market equilibrium. They then zoom out to the largest scale of economic analysis, learning the indicators of whole countries' economic health, specifically gross domestic product, unemployment, and price level. With that foundation, the rest of the course looks at fiscal and monetary policies, their consequences, and the basics of international trade and the foreign exchange market. Besides being intentionally prepared for the AP Exam, students will gain a much deeper understanding of the world around them, the roles that government and banks play in an economy, and the economic outcomes generated by their policy decisions. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester. NOTE: This is a "g" elective.*

**Course Number:** SS2505 **ONLINE** - SS2801-2802

**Course Name:** AP Psychology

**Credits:** 10

**Grade:** 11 - 12

**Description:** Prerequisite: A in both semesters of 10th grade college prep English or History course OR B or higher in both semesters of 10th grade honors English or History course. The AP Psychology course 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. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester. NOTE: This is a "g" elective.*

**Course Number:** SS351 (**ONLINE ONLY**)

**Course Name:** Psychology

**Credits:** 5

**Grade:** 11 - 12

**Description:** Prerequisite: C or better in BOTH semesters of Composition/World Literature 2 or Honors. This semester-long course studies where thoughts and memories come from. What are emotions? Why do we behave the way we do? This course will help you to begin to understand the human mind by exploring the research and theories of some of the most brilliant psychologists throughout history. In addition, learn psychological tips you can use every day, like how to cope and reduce stress. *Note: This is a one semester elective. NOTE: This is a "g" elective.*

**Course Number:** SS481 (**ONLINE ONLY**)

**Course Name:** Law Studies

**Credits:** 5

**Grade:** 11 - 12

**Description:** Prerequisite: C or better in BOTH semesters of Comp/World Lit 2 or Honors Comp/World Lit 2. How do law and the U.S. legal system affect your daily life? In this semester long course, you will examine aspects of the foundations of the U.S. legal system as well as different types of law including

civil, criminal, family, and consumer law. You will analyze key principles underlying law such as justice and how the state and federal court systems work to fulfill these principles. *Note: This is a one semester elective.*

**Course Number:** SS3500X

**Course Name:** AP African American Studies

**Credits:** 10

**Grade:** 11-12

**Description:** AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with rich and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. The course framework in the AP African American Studies Course and Exam Description (CED) (.pdf) is organized by four thematic units that follow a chronological flow across the course. Throughout each unit, students build interdisciplinary analytical skills through deep encounters with a wide range of texts and sources. Given the interdisciplinary character of AP African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. Students will encounter primary sources on a daily basis. *Note: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SS470 **ONLINE** - SS471

**Course Name:** Financial Literacy

**Credits:** 5

**Grade:** 9-12

**Description:** Financial Literacy is a semester-long course designed for students to develop the skills to find success in both their personal and financial endeavors. By completing this course, students will have the foundational knowledge and strategies necessary to responsibly plan for and manage their financial futures. Students will explore, analyze, and solve financial-related problems and issues. Positive lifelong financial habits will be encouraged by the development of conceptual knowledge and practical skills. Students will learn financial literacy through engaging comprehensive units. *NOTE: This class will be a graduation requirement for the graduating class of 2027 and beyond. NOTE: This is a "g" elective.*

## --- ENGLISH ---

All English courses are a UC “b” course and NCAA approved unless otherwise stated.

**Course Number:** EN100; EN105 (Honors) **ONLINE** - EN101-102; EN101H-102H

**Course Name:** English 1: Composition/World Literature 1 (College Prep or Honors)

**Credits:** 10

**Grade:** 9

Description: Honors Prerequisite: Recommendation by Department based on Placement Test for incoming 9th grade students. This course is designed to introduce students to literature from various cultures, and to enhance and improve their writing abilities through various types of written assignments. Through these written assignments, projects, and various activities, students also develop research, listening, and speaking skills. The literature portion of the course reviews primary elements of literature and poetry, and examines the function of these elements within various literary works, while also incorporating relevant art, music, and philosophical ideas. In terms of writing, students will improve and develop their skills in writing narratives, multi-draft compositions, expository compositions, journals, and autobiographical compositions. This course provides a foundation for the English curriculum that students will encounter in their remaining years at St. John Bosco High School.

**Course Number:** EN200; EN205 (Honors) **ONLINE** - EN201-202; EN201H-202H

**Course Name:** English 2: Composition/World Literature 2 (College Prep or Honors)

**Credits:** 10

**Grade:** 10

Description: Honors Prerequisite: A in BOTH semesters of Composition/World Literature 1 OR B or better in BOTH semesters of Composition/World Literature 1 Honors. This course continues to focus on multiculturalism as begun in the freshman year as well as on the multiplicity of social and historical issues addressed in the literature. Encompassed within the teaching of the various core novels, plays, short stories, and poetry is a concentration on writing and the writing process. Within the teaching of the writing process is the development of vocabulary including literary terms, grammar usage, and words from the literature itself. Also present is a continued focus on the development of speaking and listening skills with an emphasis on the use of visual aids and technological tools. Self-assessment continues to be an important focus of the course.

**Course Number:** EN300 **ONLINE** - EN301-302

**Course Name:** English 3: American Literature and Composition

**Credits:** 10

**Grade:** 11

**Description:** American Literature and Composition refines and builds upon the basic skills presented in the ninth and tenth grades. The course’s primary focus is a survey of American literature. As such, students will explore a variety of American themes that will not only enrich them as learners but mold them into more culturally aware citizens. Through oral and written expression, students analyze the evolution of the “American Dream” from a variety of perspectives—including their own—as they further hone their personal, analytical, and creative writing. Through this comprehensive study, students will learn to refine their writing processes for senior year and beyond, while also fostering a greater understanding of our shared cultural life and what it means to be an American.

**Course Number:** EN3000 **ONLINE** - EN3001-3002  
**Course Name:** AP English Language and Composition  
**Credits:** 10  
**Grade:** 11

**Description:** Prerequisite: A in BOTH semesters Composition/World Literature 2 OR B or higher in BOTH semesters of Composition/World Literature 2 Honors. AP Language and Composition aims to develop the critical reading and writing skills necessary to become better students and citizens. As such, the course hones and stimulates students' curiosity, creativity, and critical thinking. Students will learn how written expression functions rhetorically by being exposed to authors, movements, and ideologies that carry with them the lofty purpose of changing the hearts and minds of readers/listeners and, subsequently, society at large. Reading and analyzing nonfiction and fiction that transcends and shapes our world is necessary for students to mature beyond the skills that will be measured on the AP Exam. Composing responses to exam prompts is not the sole purpose of AP Language and Composition. Students will participate in considerable practice in reading a wide variety of literary and nonfiction texts in order to find out how others shape, shake, and shift the status quo. Familiarity with these texts will help students become informed and rhetorically competent writers who not only consider the views of others but use writing as a way to express their own responses to a world in flux. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** EN360  
**Course Name:** Journalism  
**Credits:** 10  
**Grade:** 11-12

**Description:** Prerequisite: Composition/World Literature 2 or Honors. In Journalism, students garner an appreciation for the art of fair and factual storytelling and the press' special role in American democratic life. In the tradition and spirit of the First Amendment, students examine and critique the practices and ethics of the American mass media, whose journalistic function serves as a vital "Fourth Estate" to national power. In addition to gaining a basic academic understanding of journalism in the United States, students write, publish, and edit stories for The Brave News, St. John Bosco's online student-run news outlet. *NOTE: This is an elective, and does not count toward the 4-year English graduation requirement. NOTE: This is a "g" elective.*

**Course Number:** VP180  
**Course Name:** Film and Media 1: Screenwriting  
**Credits:** 10  
**Grade:** 9-12

**Description:** The purpose of the course is to learn about film and media screenplay structure, analyze dramatic strategies in film and television, learn and apply correct script form, and creatively engage in the various stages of original scriptwriting. The assignments will include the writing of scenes, a treatment and a half-hour script, with special emphasis on the steps leading toward creating a final screenplay.

**Course Number:** EN400 **ONLINE** - EN401-402  
**Course Name:** English 4: British Literature and Composition  
**Credits:** 10

**Grade:** 12

**Description:** This course continues to refine and develop those skills reintroduced and emphasized during the previous years. It surveys a core of British literature to serve as a summation and emphasis of all literary concepts from the ninth, tenth, and eleventh grades. The various activities develop students' research and writing skills, as well as their listening and speaking skills. The literature portion of the class introduces the students to canonical and contemporary British literature, incorporating relevant art, music, and philosophical ideas. This course does give a sense of finality to the scope and sequence of the English curriculum, yet it also fosters a life-long love of literature and learning.

**Course Number:** EN4000 **ONLINE** - EN4001-4002

**Course Name:** AP English Literature and Composition

**Credits:** 10

**Grade:** 12

**Description:** Prerequisite: A in BOTH semesters American Literature and Composition OR B or higher in BOTH semesters of AP English Language. An alternative for those seniors who meet the minimum requirements set by the department and who wish to challenge themselves with the taking of the AP exam in May of the senior year. The course emphasizes all aspects of the English language. All literature serves as a source as the students read through the genre of the literary world. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit and/or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

## --- MATHEMATICS ---

All Math courses are a UC “c” course and NCAA approved unless otherwise stated.

**Course Number:** MA 090 **ONLINE**-MA091-102

**Course Name:** Pre-Algebra

**Credits:** 10

**Grade:** 9

**Description:** Prerequisite: Recommendation by Department based on Placement Test for incoming 9th grade students. Ready, set, go! Pre-Algebra is all about training to run the race of high school math. Students will strengthen their skills in topics like linear relationships, functions, and equations, and learn new skills that prepare them for Algebra 1. This course is designed with interactive learning and real-world activities to strengthen students’ math muscles for the race ahead. *NOTE: This is not a UC approved class. Students will take Alg 1 the following year to start their 3 required years of UC approved Math.*

**Course Number:** MA100 **ONLINE** - MA101-102

**Course Name:** Algebra 1

**Credits:** 10

**Grade:** 9

**Description:** This is a course in elementary algebra for the average and above average student. The subject covers an in-depth study of the topics of number, linear equations and inequalities of one and two variables, polynomials and polynomial equations, and problem solving.

**Course Number:** MA200; MA205 (Honors) **ONLINE** - MA201-202; MA201H-202H

**Course Name:** Geometry (College Prep or Honors)

**Credits:** 10

**Grade:** 9-10

**Description:** Prerequisite for college prep: Recommendation by Department based on Placement Test and Geometry Placement Exam Scores for incoming 9th grade students OR pass BOTH semesters of Algebra 1. A course in Euclidean Geometry for the average to above average student. It provides a careful in depth study of the principles of geometry covering the topics of: parallel lines, congruency, similarity, polygons, circles, constructions, area, volume, and coordinate geometry. Prerequisite for Honors: A in BOTH semesters of Algebra 1 OR Recommendation by Department based on Placement Test and Geometry Placement Exam Scores for incoming 9th grade students. The Honors Geometry course is a comprehensive look at the study of geometric concepts including the basic elements of geometry, proofs, parallel and perpendicular lines, the coordinate plane, triangles, quadrilaterals, polygons, circles, trigonometry, congruence and similarity, surface area, volume and transformations. This class will also include a look into some Algebra concepts as well as a study of conics.

**Course Number:** MA300 **ONLINE** - MA301-302

**Course Name:** Algebra 2

**Credits:** 10

**Grade:** 9-11

**Description:** Prerequisite: Pass BOTH semesters of Geometry or Honors Geometry. A continuation of the study of algebra for the average and above average student with a detailed focus on its structure.

The topics covered will include: linear systems, quadratic functions, polynomial equations, radical functions, rational functions, , conic sections, exponential and logarithmic functions.

**Course Number:** MA305 (Honors) **ONLINE** - MA301H-302H

**Course Name:** Algebra 2 with Trigonometry Honors

**Credits:** 10

**Grade:** 9-11

**Description:** Prerequisite: A in BOTH semesters of Geometry OR B or better in BOTH semesters Geometry Honors. This course is designed for the above average student in mathematics. It is a preparation for the study of Precalculus Honors. It covers all of the major topics of Algebra 2 along with a full course of Trigonometry.

**Course Number:** MA460 **ONLINE** - MA461-462

**Course Name:** Precalculus (College Prep)

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite for College Prep: Pass BOTH semesters of Algebra 2 OR Algebra 2 with Trigonometry Honors. This is a course for the above average student in mathematics. The course provides a study of advanced algebra with a focus on rational, exponential and logarithmic functions, conic sections, graphing and modeling. In addition, trigonometry, polar coordinates and vectors, and an introduction to sequences and series is covered.

**Course Number:** MA465 (Honors) **ONLINE** - MA461H-462

**Course Name:** Precalculus Honors

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite for Honors: A in BOTH semesters of Algebra 2 OR B or better in BOTH semesters of Algebra 2 with Trigonometry Honors. A course designed for the superior student in mathematics. It is a preparation for the study of AP Calculus. The course will cover trigonometry including graphs, trigonometric identities, solving trigonometric equations, polar coordinates and vectors, and an introduction to sequences and series. During second semester, students will see an introduction to limits and derivatives with a focus on evaluating indeterminate limits using algebraic manipulation and derivatives of algebraic functions including the power, product, quotient and chain rule.

**Course Number:** MA401-402 (**ONLINE ONLY**); MA401H-402H (**ONLINE ONLY**)

**Course Name:** Calculus (College Prep or Honors)

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: C or better in BOTH semesters of Precalculus OR Honors Precalculus; Honors Prerequisite: A in BOTH semesters of Precalculus OR B or better in BOTH semesters of Honors Precalculus. This course is **ONLY** offered online. Students in this course will walk in the footsteps of Newton and Leibnitz. An interactive course framework combines with the exciting online course delivery to make calculus an adventure. The course includes a study of limits, continuity, differentiation, and integration of algebraic, trigonometric, and transcendental functions, and the applications of derivatives and integrals.

**Course Number:** MA450

**Course Name:** Elementary Statistics

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: Pass BOTH semesters of Algebra 2 OR Algebra 2 with Trig Honors. An overview of the science of statistical estimation with a focus on a basic understanding of fundamental statistical measures, methods of quantifying and classifying data, current applications, and interpretation of the validity of statistical inference.

**Course Number:** MA451-452 (**ONLINE ONLY**); MA451H-4552H (**ONLINE ONLY**)

**Course Name:** Probability and Statistics

**Credits:** 10

**Grade:** 11-12

**Description:** Prerequisite: C or better in BOTH semesters of Algebra 2 OR Algebra 2 with Trig Honors; Honors Prerequisite: A in BOTH semesters of Alg 2 or B or better in BOTH semesters of Algebra 2 or Algebra 2 with Trig Honors. This course is ONLY offered online. Probability and Statistics will introduce students to exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and employing statistical inference to analyze data and draw conclusions.

**Course Number:** MA4700 **ONLINE** - MA4701-4702

**Course Name:** AP Statistics

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: A in BOTH semesters of Algebra 2 OR B or better in BOTH semesters of Algebra 2 with Trigonometry Honors OR B or better in BOTH semesters of Precalculus OR Precalculus Honors. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data: Describing patterns and departures from patterns; (2) Sampling and Experimentation: Planning and conducting a study; (3) Anticipating Patterns: Exploring random phenomena using probability and simulation; and (4) Statistical Inference: Estimating population parameters and testing hypotheses. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit and/or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** MA4500 **ONLINE** - MA4501-4502

**Course Name:** AP Calculus AB

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: A in BOTH semesters of Precalculus and teacher recommendation OR B or better in BOTH semesters Precalculus Honors. This is a course for the superior mathematics student. It is a full-year college course in the theory, application and problem solving of the differential and integral calculus restricted to one variable. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit and/or placement. *NOTE: All students enrolled in AP*

*classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** MA4600 **ONLINE** - MA4601-4602

**Course Name:** AP Calculus BC

**Credits:** 10

**Grade:** 11-12

**Description:** Prerequisite: B or better in BOTH semesters of AP Calculus AB. This course is a continuation of the Calculus series. It is a very rigorous course with differential and integral calculus extended to techniques of integration, polar coordinates and vectors, parametric equations, sequence, series and differential equations. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit and/or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

## --- SCIENCE ---

All Science courses are a UC “d” course and NCAA approved unless otherwise stated.

**Course Number:** SC100 **ONLINE** - SC101-102

**Course Name:** Biology

**Credits:** 10

**Grade:** 9

**Description:** This college preparatory course utilizes lecture, film, laboratory activity, field excursions, and individualized study. It is an in depth analysis of cellular structure and function, human anatomy, plant physiology and anatomy, ecological interactions, evolution, and the multiple kingdoms. Students will be challenged to engage in critical thinking, collaboration, and analysis to develop solutions and results to problems.

**Course Number:** SC105 (Honors) **ONLINE** - SC101H-102H

**Course Name:** Biology Honors

**Credits:** 10

**Grade:** 9

**Description:** Prerequisite for Honors: Recommendation by Department based on Placement Test for incoming 9th grade students AND concurrent enrollment in Geometry or Honors Geometry or Algebra 2 or Honors Algebra 2. This course presents an in-depth, detailed, fast-paced and comprehensive sequence of the fundamental concepts in Biology including (but not limited to): molecular and cellular biology; genetics; evolution; animal and plant diversity; animal and plant anatomy/physiology; and behavioral biology. Additionally, the lab component of this course introduces proper techniques and procedures in conjunction with various labs such as: dissections, microscopes, fieldwork, and real-world applications of biology. Both the lecture and lab components emphasize critical thinking, and self-motivated, independent research and learning.

**Course Number:** SC210; SC215 (Honors) **ONLINE** - SC201-202; SC201H-202H

**Course Name:** Chemistry and Lab (College Prep or Honors)

**Credits:** 10

**Grade:** 10-11

**Description:** Prerequisite for college prep: Pass BOTH semesters of Biology or Biology Honors AND Geometry or Geometry Honors. Prerequisite for Honors: A in BOTH semesters of Biology OR B or better in BOTH semesters of Biology Honors AND B or better in BOTH semesters of Geometry or Geometry Honors. This college preparatory course covers eleven major conceptual sections. These include: classification and properties of matter, atomic theory, structure, and electron arrangements, quantitative composition of compounds, types of chemical reactions and stoichiometric analysis, types of chemical bonds and molecular shapes, the Kinetic Molecular Theory of Gases, solution concentrations and pH, acids and bases, oxidation and reduction, and an introduction to organic chemistry. The Honors course covers classification and properties of matter, atomic theory, structure, and electron arrangements, qualitative composition of compounds, types of chemical reactions and stoichiometric analysis, types of chemical bonds and molecular shapes, the Kinetic Molecular Theory of Gases, solution concentrations and pH, acids and bases, oxidation and reduction, and an introduction to both organic chemistry and biochemistry. Students will gain knowledge that will be supplemented

with hands-on labs and completion of lab reports. The laboratory component comprises approximately 20% of this course.

**Course Number:** SC200 **ONLINE** - SC211-212

**Course Name:** Environmental Science

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: Biology or Honors Biology. Environmental Science introduces students to the biological and physical systems of Earth. The course is a lab-based class designed to inquire and investigate the workings of Earth's many natural systems as well as how these systems are impacted and affected by human activity. Environmental Science is an unusual academic discipline in that it requires scientific knowledge about the natural world, as well as an understanding about ways in which humans interact with the natural world. We examine the effects of human actions on the environment, and the means by which policies, regulations, and decisions influence human actions. We also examine human behavioral, cultural, and sociological interactions that affect the environment. Students will explore and design solutions to develop sustainable systems of Earth's many resources. An emphasis will be placed on making informed and ethical decisions concerning environmental issues in today's world.

**Course Number:** SC350 **ONLINE** - BS351-352; BS351H-352H

**Course Name:** Anatomy and Physiology (College Prep or Honors)

**Credits:** 10

**Grade:** 11-12

**Description:** Prerequisite: Chemistry and Lab. Prerequisite for Honors (online only): A in BOTH semesters of Chemistry OR B or better in BOTH semesters of Chemistry Honors. This course provides students with the fundamental concepts of Anatomy and Physiology. The structures and functions of the human body are explored thoroughly in the laboratory and through interactive discussions. Students use critical thinking to solve clinical problems based on health issues of the human body. Anatomy and Physiology is designed to help meet the needs of students preparing for higher education and provide a more in-depth personal understanding of health and fitness. Students make connections between the skeletal, muscular, nervous, digestive, respiratory, circulatory, excretory, and reproductive systems. Students will utilize the technology of the Anatomage Table to visualize cadavers and access the virtual library as a clinical diagnostic tool to evaluate patients. *NOTE: The honors version of this course is only offered online for students who are not in the Biomedical Science Pathway.*

**Course Number:** SC360 **ONLINE** - SC361-362

**Course Name:** Physics and Lab

**Credits:** 10

**Grade:** 11-12

**Description:** Prerequisite: Chemistry; Honors online: A in BOTH semesters of Chemistry OR B or better in BOTH semesters of Chemistry Honors. This college preparatory course utilizes lecture, laboratory and project activities to provide a conceptual and mathematical approach to understanding Physics. Major topics include motion, forces, vectors; static equilibrium; work, energy and momentum; kinetic theory, astrophysics, heat, thermodynamics; vibrations, simple harmonic motion, waves, sound; electricity and magnetism; and light and optics. Problem solving / critical thinking skills are fundamental to the course.

**Course Number:** SC370

**Course Name:** Agricultural Science (Semester)

**Credits:** 5

**Grade:** 11-12

**Description:** Prerequisite: Chemistry. *NOTE: If you are registering for Agriculture Science, you will also be enrolled in its partner course [Marine Biology - in person] for the second semester.* This semester-long course is designed for students to study the structure of plants, growth processes, propagation, physiology, classification, reproduction, soil, pests, and harvesting practices. The students in the class will work in gardens, planting, harvesting and selling to local markets. It is intended to successfully prepare students who want to pursue a career in the area of agriculture and/or plan on majoring in agriculture sciences at a four-year college.

**Course Number:** SC 390 **ONLINE** - SC391-392 , SC391H-392H

**Course Name:** Marine Science (College Prep or Honors)

**Credits:** on campus class is a 1 semester class at 5 credits. Online is a 2 semester class with 5 credits per semester.

**Grade:** 10-12

**Description:** Prerequisite: Biology or Biology Honors. Prerequisite for Honors (online only): A in BOTH semesters of Biology OR B or better in BOTH semesters of Biology Honors. Since the beginning of time, humans have relied on the ocean. But as our planet continues to change over time, human activity has impacted the environment. In the marine science course, students will explore the watery depths of our own planet and understand just how vital the ocean is to our existence. Throughout the course, students will meet marine animals and see how they interact with each other and their environment. They will tour the evolving seafloor and see trenches, volcanoes, and ridges, just to name a few. Along the way, students will hang ten as they discover waves, currents, tides, and other physical interactions between the ocean and the land. Finally, students will study the impacts of chemical processes on our blue planet and how they affect the water, the atmosphere, and even our climate. With a focus on conservation, this course will show students that the ocean connects us all, across distance and even time. Hang on—it's going to be an amazing journey.

**Course Number:** SC3500 **ONLINE** - SC3501-3502

**Course Name:** AP Biology

**Credits:** 10

**Grade:** 11-12

**Description:** Prerequisite: A in BOTH semesters of Chemistry OR B or better in both semesters of Chemistry Honors. This college level course utilizes lecture and laboratory activity to prepare the student for the Advanced Placement Examination following the College Board design. Students will utilize logical reasoning, critical thinking, written and oral communication, and mathematical applications when problem solving. Through the development of these problem-solving strategies, students will become better prepared for careers in medical, engineering, and other areas of natural science. Students will gain a greater, and much more in depth perspective and understanding in concepts covered in general Biology including: cellular structure and function, cell reproduction, DNA structure and function, ecological interactions, evolution, and genetics. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit and/or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SC3600  
**Course Name:** AP Chemistry  
**Credits:** 10  
**Grade:** 11-12

**Description:** Prerequisite: A in BOTH semesters of Chemistry OR B or better in BOTH semesters of Chemistry Honors AND A in BOTH semesters of Algebra 2 OR B or better in BOTH semesters of Algebra 2 with Trig Honors. This year-long Advanced Placement course is an extensive, in-depth analysis of the following areas of Chemistry; fundamental particles or matter, the mole concept and its relationships in chemical reactions, gases, thermochemistry, atomic structure, basic and advanced concepts in chemical bonding, chemical forces and states of matter, and chemical kinetics and equilibrium. All concepts are introduced and reinforced through lectures as well as laboratory experimentation. The emphasis throughout the year is to prepare the student for the rigors of college chemistry through expanding their mastery of chemistry principles, to enhance their laboratory experimentation skills and data analysis, and to facilitate their success on the advanced placement examination following the College Board design. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit and/or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SC36000 **ONLINE** - SC36001-36002  
**Course Name:** AP Environmental Science  
**Credits:** 10  
**Grade:** 11-12

**Description:** Prerequisite: Completion of Chemistry or Chemistry Honors with a B or better The AP Environmental Science course is the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit and/or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SC4500 **ONLINE** - SC4501-4502  
**Course Name:** AP Physics 1  
**Credits:** 10  
**Grade:** 11-12

**Description:** Prerequisite: B or better in BOTH semesters of Algebra 2 OR Algebra 2 with Trig Honors AND B or better in BOTH semesters of Chemistry OR Chemistry Honors. AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit

and/or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** SC4600

**Course Name:** AP Physics 2

**Credits:** 10

**Grade:** 12

**Description:** Prerequisite: B or better in BOTH semesters of AP Physics 1. AP Physics 2 is an algebra-based introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electric force, field and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. Students in this course will be prepared to take the AP Exam in May with the possibility of receiving college credit and/or placement. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

## --- WORLD LANGUAGES ---

All World Language courses are a UC “e” course and NCAA approved unless otherwise stated.

**Course Number:** WL100 **ONLINE** - WL101-102

**Course Name:** Spanish 1

**Credits:** 10

**Grade:** 9-11

**Description:** Provides practice in listening for comprehension and speaking. The student learns vocabulary related to home, school and community. The student will practice pronunciation, intonation and use of basic language structures in both oral and written exercises. The course develops appreciation for the customs and traditions of Spanish-speaking people both within the United States and abroad.

**Course Number:** WL110 (Honors)

**Course Name:** Spanish 1 for Heritage Speakers Honors

**Credits:** 10

**Grade:** 9-11

**Description:** Prerequisite: Spanish is the student’s primary language or is coming from a Dual Immersion Program. Students who are bilingual at home should take the placement test to be placed in the correct class. This course will help students improve their knowledge in Spanish in the following five areas. Communication, Culture, Connections, Comparisons, and Communities. It is an introductory course that will help students that already have an ability to write and read Spanish at the beginning level. It will help them increase their skills and will allow them to be prepared to take the A.P. Language class the next year and be able to score well on the SAT II Spanish section. Students at the Honors level will have to have come in with an ability to write and read at the same level as a Spanish II honors student. *NOTE: While this course is considered an Honors course for SJBHS GPA purposes, it is not recognized as an Honors course by the UC/CSU system as that system does not offer Honors credit for Freshman-Level courses.*

**Course Number:** WL141-142 (**ONLINE ONLY**)

**Course Name:** French 1

**Credits:** 10

**Grade:** 9-11

**Description:** Provides practice in listening for comprehension and speaking. The student learns vocabulary related to home, school and community. The student will practice pronunciation, intonation and use of basic language structures in both oral and written exercises. The course develops appreciation for the customs and traditions of French-speaking people both within the United States and abroad.

**Course Number:** WL501-502 (**ONLINE ONLY**)

**Course Name:** American Sign Language 1

**Credits:** 10

**Grade:** 9-11

**Description:** This course will jump start your American Sign Language journey by learning the basics of this visual language and exploring the Deaf culture. Get ready to broaden your concept of communication through connections and comparisons to your own culture and community.

**Course Number:** WL411-412 (**ONLINE ONLY**)

**Course Name:** Chinese 1

**Credits:** 10

**Grade:** 9-11

**Description:** The purpose of this beginner's course is to train the student to successfully function in Chinese culture using Mandarin as a language. The course will help the student develop communication skills that cross ethnic and cultural boundaries while they develop an understanding of Chinese interpersonal behavior and related thought patterns. This course focuses on basic speaking and listening skills, vocabulary, and grammar and introduces the student to Chinese characters and the writing of Chinese in the Romanized pinyin form. It requires the student to demonstrate a level of cultural understanding suitable for correct performance of assigned tasks in Chinese.

**Course Number:** WL131-132 (**ONLINE ONLY**)

**Course Name:** Latin 1

**Credits:** 10

**Grade:** 9-11

**Description:** Introduce yourself to the culture and rich storytelling tradition of the ancient Romans through the study of classical Latin. In the Latin 1 course, you will build a foundation of grammar and vocabulary skills to help increase fluency and language proficiency. You will explore the mythology, history and culture of Rome and apply what you learn through translation practice, writing, listening, and conversation exercises, while reading Roman stories that have stood the test of time and tracing the Latin roots that run through modern language and culture.

**Course Number:** WL200 **ONLINE** - WL201-202; WL201H-WL202H (Honors **ONLINE ONLY**)

**Course Name:** Spanish 2

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: Spanish 1. Honors Prerequisite: A in BOTH semesters of Spanish 1 OR B or higher in BOTH semesters of Spanish 1 for Heritage Speakers. Reviews the subject matter presented in Spanish 1 and provides further practice in comprehension, speaking, oral reading and writing. Language structures appropriate to this level are covered and correct pronunciation and intonation are further developed. The course further develops appreciation of the culture, customs, geography, history and traditions of Spanish speaking people throughout the world.

**Course Number:** WL210 (Honors)

**Course Name:** Spanish 2 for Heritage Speakers Honors

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: C or better in Spanish 1 for Heritage Speakers. The Spanish for Spanish Speakers 2 Course is designed for students who have a sound foundation in all domains of their primary language. This student centered and communicative course, asks students to use their knowledge of Spanish verbally as well as in more advanced readings, persuasive, and explanatory writing tasks; these tasks build in complexity as the course progresses and require students to "speak" to different audiences. Graphic organizers are used as the foundation for most literacy tasks. Standard international lexicon, more complex grammar concepts (specifically those areas problematic for some Hispanic/Latino speakers), pronunciation, academic vocabulary development, and the basics of "genre"

in writing, are studied. Students will *continue* to critically analyze informational texts as well as literature from the Spanish speaking perspective. Collaborative oral work will include structured discourse and prepared presentations on local Latino issues, as well as global, political, historical, geographical issues so that students continue to value their culture and feel empowered along the way.

**Course Number:** WL241-242 (**ONLINE ONLY**)

**Course Name:** French 2

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: French 1. Reviews subject matter introduced in French 1, and provides further practice in comprehension, speaking, oral reading and writing. More advanced language structures are practiced and correct pronunciation and intonation are further developed. The course introduces reading for direct comprehension without translation, writing adapted dialogues, narratives and dictation. The course continues to develop appreciation for French culture and customs.

**Course Number:** WL601-602 (**ONLINE ONLY**)

**Course Name:** American Sign Language 2

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: American Sign Language 1. This course will reinforce the fundamental skills acquired in your American Sign Language 1 course. You will continue your journey by increasing your interpretive and communication skills of this visual language while continuing to explore the Deaf culture. Get ready to broaden your concept of communication through connections and comparisons to your own culture and community.

**Course Number:** WL421-422 (**ONLINE ONLY**)

**Course Name:** Chinese 2

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: Chinese 1. This course continues the Mandarin language and Chinese culture training initiated in Chinese 1 with more advanced topics in Mandarin conversational proficiency, vocabulary, and grammar. This course incorporates speaking, listening, reading, and writing skills; the student will continue to learn to read and write a certain number of Chinese characters and the pinyin system. The course requires students to demonstrate a level of cultural understanding suitable for correct performance of assigned tasks in Mandarin. The course will be focused on mastering Mandarin pronunciation and more complicated spoken Chinese in educational and working environments.

**Course Number:** WL231-232 (**ONLINE ONLY**)

**Course Name:** Latin 2

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: Latin 1. Immerse yourself in a journey through Roman history using the Latin language as your guideposts. In the Latin 2 course, you will build upon your first level grammar and vocabulary skills to help increase fluency and language proficiency. You will explore the culture and apply what you learn through translation practice as well as writing, listening, and conversation exercises, while learning all about the different eras of Rome—from Foundation to Fall.

**Course Number:** WL350; WL355 (Honors) **ONLINE** - WL351-352; WL351H-352H

**Course Name:** Spanish 3 (College Prep or Honors)

**Credits:** 10

**Grade:** 9-12

**Description:** COLLEGE PREP Prerequisite: Spanish 2 or Spanish 2 for Heritage Speakers. Further develops aural-oral facility through more varied listening and speaking activities. Grammatical concepts are reviewed and analyzed, while vocabulary development and proficiency skills are fostered in conversational settings. In addition, there is appreciation of Hispanic culture. HONORS Prerequisite: A in BOTH semesters of Spanish 2 OR B or better in BOTH semesters for Spanish 2 Honors or Spanish 2 for Heritage Speakers. The Spanish 3 Honors course, while similar to the Spanish 3, will challenge the students even more into learning the complexities of the language, a more in depth study of the variety of the Latin American, Spain, and Hispanic (in the US) cultures will be explored and analyzed through the uses of different literary works including but not limited to poetry, short story, essay, journalism articles, etc. The book En Espanol Level 3 along with other grammar/vocabulary supplemental materials will be used to accelerate the language acquisition abilities. The overall objectives of the Spanish 3 Honors course are to prepare the students to participate in the Spanish Speaking world. The students will continue to develop, reinforce and refine proficiency in listening, speaking, reading, writing, and culture awareness. The students will be able to use more complicated structures in conversations and compositions.

**Course Number:** WL341H-342H (**ONLINE ONLY**)

**Course Name:** French 3 Honors

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: B or better in French 2. Further develops aural-oral facility through more varied listening and speaking activities. Grammatical concepts are reviewed and analyzed, while vocabulary development and proficiency skills are fostered in conversational settings. In addition, appreciation of French culture continues to be fostered.

**Course Number:** WL701-702 (**ONLINE ONLY**)

**Course Name:** American Sign Language 3

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: American Sign Language 2. Continue your journey in the exploration of American Sign Language and the richness of its Deaf culture. In the American Sign Language 3 course, you will sharpen the skills you acquired in American Sign Language 1 and 2. Communication remains the main focus as you improve your language fluency, vocabulary, and presentational skills. We invite you to take your American Sign Language abilities to the next level!

**Course Number:** WL431-432 (**ONLINE ONLY**)

**Course Name:** Chinese 3

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: Chinese 2. Chinese 3 enables the students to further develop the communicative skills of listening, speaking, reading, and writing of Mandarin Chinese, attaining approximately the Intermediate High to Advanced Low level on the ACTFL/ETS proficiency scale.

**Course Number:** WL331H-332H (**ONLINE ONLY**)

**Course Name:** Latin 3 Honors

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: B or better in Latin 2. In Latin III, students take their knowledge to the next level by strengthening their Latin vocabulary and appreciation for well-crafted writing. Students read some of the best Latin prose and poetry ever written or spoken and recognize why Latin, and those who spoke it, are still relevant today. In Latin III, students access the timeless words of the greatest Roman poets, storytellers, and orators. Students' skills with the Latin language give them direct access to the beauty and power of these great authors' thoughts. Caesar tells how he conquered the three parts of Gaul. Cicero reminds Romans of the virtues that made their country great. Catullus shows how he could express the deepest human emotions in just a few, well-chosen words.

**Course Number:** WL450 **ONLINE** -WL451-452; WL451H-452H

**Course Name:** Spanish 4

**Credits:** 10

**Grade:** 11-12

**Description:** *Prerequisite:* Grade C or better in Spanish 3, Spanish 3H, OR AP Spanish Language. Spanish 4 will certainly expand your language skills. However, it will also take you on a fascinating cultural journey. You'll experience the language's rich traditions and superstitions. Through exploring the past, you'll come to understand the importance of community, family, and personal relationships. You will be immersed in culture—movement, art, music, literature. Meeting real people and hearing their stories will allow you to gain new vocabulary, have better command of the language, and understand your role as a global citizen. *Honors Prerequisite:* A in Spanish 3 OR B or better in Spanish 3 Honors or AP Spanish Language and Culture. Spanish 4 Honors is an advanced-level course conducted entirely in Spanish that builds on the skills of listening, reading, speaking, and writing developed in Spanish 3 Honors. While students will continue to review grammar, especially more complex and difficult concepts such as the pluperfect subjunctive and the conditional perfect, they will primarily be engaged in synthesizing previously studied concepts, expanding real-world applications of their language skills, and consuming and generating works of creative expression. Students will use the grammar and vocabulary covered in the course to navigate the history, culture, art and literature of the Spanish-speaking world.

**Course Number:** WL801-802 (**ONLINE ONLY**)

**Course Name:** American Sign Language 4

**Credits:** 10

**Grade:** 12

**Description:** Prerequisite: American Sign Language 3. In this culminating project for ASL 4, students will explore the rich history, culture, and contributions of the Deaf community. The project centers around two main components: researching the broader Deaf community and spotlighting a prominent Deaf individual whose life and work have made a significant impact.

**Course Number:** WL431H-432H (**ONLINE ONLY**)

**Course Name:** Latin 4 Honors

**Credits:** 10

**Grade:** 11-12

**Description:** Prerequisite: B or better in Latin 3. In Latin 4, discover a mystery of epic proportion set in the world of classical Latin! In this course, the Palladium statue has been stolen and it's up to you to use your knowledge of Latin grammar and vocabulary to investigate whodunit. As you follow Detective Arcanus through the streets of Rome, you'll explore the history, culture, and myth of the Romans through the voices of their brilliant authors and poets. You'll apply what you have learned to translation, writing, listening, and literary analysis exercises to prepare you for AP and college level Latin. —Get ready to crack the case of the missing Palladium!

**Course Number:** WL4500 **ONLINE** WL4501-4502

**Course Name:** AP Spanish Language and Culture

**Credits:** 10

**Grade:** 9-12

**Description:** **Prerequisites:** B or better in Spanish II Heritage Honors OR A in Spanish III OR B or better in Spanish 3 Honors. The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). (College Board) *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** WL4600

**Course Name:** AP Spanish Literature and Culture

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: B or better in AP Spanish Language and Culture. A college level course that covers selected authors from the literature of Spain and Spanish America and centers on the understanding and analysis of literary texts. The class enhances students' proficiency while developing their ability to analyze texts and communicate ideas through discussion and writing. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

**Course Number:** WL4701 (**ONLINE ONLY**)

**Course Name:** AP Chinese Language and Culture

**Credits:** 5

**Grade:** 9-12

**Description:** Prerequisite: A in Chinese 3 OR Native Chinese speaker. The AP Chinese Language and Culture course in Mandarin Chinese emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Chinese Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught

almost exclusively in Chinese. The AP Chinese Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester.*

## --- VISUAL & PERFORMING ARTS ---

All Visual Performing Arts courses are a UC “P” course and NCAA approved unless otherwise stated.

**Course Number:** VP100

**Course Name:** Exploring Art

**Credits:** 10

**Grade:** 9-12

**Description:** This year-long course is intended to be an introduction to communication by drawing, working with black, white, and color using the Elements and Principles of Design. Searching and planning for ideas, styles, different drawing media (oil pastels, pastels, charcoal, graphite pencil, chalk and paints) and different techniques. The students will explore the options of composition, the light and shadows, and analyzing and critiquing completed work. A paper is required on artist styles.

**Course Number:** VP155

**Course Name:** Modern Literature/Cinema

**Credits:** 10

**Grade:** 9-12

**Description:** Film as Literature is a course that provides students with the essential tools needed to critique and analyze different aspects of film the way they would novels or other literary texts. Students will use films as a platform to discuss culture, history, philosophy, human nature, and other related topics. Students will delve into concepts such as theme, structure, style, character analysis and much more. One of the major goals of this class will be to develop analytical skills, critical thinking skills and listening and speaking skills. Students that choose to take this elective will be asked to activate prior knowledge from their previous English classes as they will be expected to write, discuss, and present their analysis of films. This class attempts to create a community for students who love writing, speaking, discussing, analyzing, and critiquing. It is aimed for students who may not always feel comfortable enough to speak up, or those that don't consider themselves good writers. Students interested in the Art, Media & Entertainment CTE pathway will also hopefully find value and learning opportunities in this offered elective. Films will be selected from varying genres to ensure and encourage learning about diversity, culture, and history.

**Course Number:** VP110

**Course Name:** Theater Arts 1

**Credits:** 10

**Grade:** 9-12

**Description:** A year-long course designed to train students in the fundamental skills of acting and theatrical production. Students will study and learn the tools of an actor (mind, body and voice) and apply these tools to a range of in-class performances. In addition, students will gain an understanding of how writers, performers, and designers collaborate to produce a theatrical production. Theater history, how the human experience has been represented on stage throughout the centuries, will also be explored.

**Course Number:** VP120

**Course Name:** Band Methods

**Credits:** 10

**Grade:** 9-12

**Description:** Students will discover the world of music through hands-on work with concert band instruments. Musical terminology, rhythmic figures and reading skills will be learned to further enhance this experience. Concert Band is considered a performance group. Instruments being offered are Flute, Clarinet, Saxophone, Trumpet, Horn, Trombone, Baritone, Tuba, Electric Bass, Mallet Percussion and combined percussion.

**Course Number:** VP121-122 (**ONLINE ONLY**)

**Course Name:** Digital Art Imaging

**Credits:** 10

**Grade:** 9-12

**Description:** You interact with digital art every day, why not learn how to create it? In Digital Art Imaging 1, you will explore the fundamental concepts, tools, and techniques of digital imaging. You'll learn how to use computers, digital cameras, editing software, and more to create digital artwork and use the critique process to grow artistically as you evaluate and respond to your own work. Materials Requirement: Adobe Photoshop student subscription

**Course Number:** VP145

**Course Name:** Choir

**Credits:** 10

**Grade:** 9-12

**Description:** Choir is a course designed to enhance a student's musical prowess. Students learn the concepts of reading music, proper singing techniques, harmonization, and choral sound. Students also get to experience working as a team toward a common goal.

**Course Number:** VP250

**Course Name:** Intermediate Art

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: Exploring Art. The intent of this course is to adhere to the National Core Arts Standards: Artistic Processes and Anchor Standards. Students will be creating artistic ideas and works, performing, presenting and producing their artistic ideas, responding through critical analysis, and connecting their artistic ideas to external contexts - societal, cultural and historical. Students develop not only their ability to draw and paint assigned subject matter, but more importantly, their powers of observation and interpretation. They develop their skills in creative problem-solving, learning to turn "mistakes" into important opportunities for self-discovery and produce fine art that expresses their own unique visions.

**Course Number:** VP210

**Course Name:** Theater Arts 2

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: Theater Arts 1. This course is designed for students to further study Theater Arts. Instruction is designed to include the study of various genres of theater literature, further development of the craft of acting, and in-class performance projects including directing and design as well as further development of the technical aspects of theater production and production assistance.

**Course Number:** VP360

**Course Name:** Media Production

**Credits:** 10

**Grade:** 9-12

**Description:** Media Production is designed for students interested in the digital arts. Students will focus on the three components of filmmaking (pre- production, production, post-production). Students will be introduced to the creative elements and technical skills necessary to produce high quality media (script writing, storyboards, camera work, lighting, sound, editing, etc.) that enables students to convey their own unique point of view. Students will alternate between roles as director, producer, editor and other various roles which will enhance the student's understanding of how to create high quality media.

**Course Number:** VP370

**Course Name:** Photography/ Yearbook

**Credits:** 10

**Grade:** 9-12

**Description:** Students in Photography/Yearbook will develop and expand their knowledge and skills in producing both artistic and commercial photographs using digital DSLR cameras and equipment. Students will learn how to set the camera controls to create specific effects with the cameras, for example lighting control and emphasis. Students will learn digital imaging using Photoshop Elements to enable them to edit and manipulate digital images. Students will create page layouts, and write copy, captions and stories which will be combined with their photographs for special assignments and publishing materials including the high school yearbook.

**Course Number:** VP400

**Course Name:** Popular Music

**Credits:** 10

**Grade:** 9-12

**Description:** This course is designed for students to examine American popular music through the mid-late twentieth century through the early part of the twentieth first century. The course will focus on how the political, cultural, and economic factors in American history helped influence the development of the lyrics of music of pop, rock, soul, blues and other musical genres. The course will also examine the use of lyrical and musical development as a form of expression/protest. Using American History as a cultural backdrop, students will better understand the development of various musical genres, compositional techniques, usage of instruments/sounds, and other notable musical characteristics found in American popular music.

**Course Number:** VP410

**Course Name:** Hip Hop: Formation, Structure, and Production

**Credits:** 10

**Grade:** 9-12

**Description:** Drawing on the rich history and influence of Hip-Hop, students will create original content through the written word and the creative process that will then be transformed into artifacts/songs/song segments. Students will learn the nuances of songwriting, producing beats, arranging tracks and creative sampling. Students will be introduced to and work hands-on with current technology, tools, and concepts that are utilized in the world of professional music makers in the commercial recording industry. Projects that will be created in the course will be both collaborative and individually based.

**Course Number:** VP410X **ONLINE** - VP411-412

**Course Name:** Music Appreciation

**Credits:** 10

**Grade:** 9-12

**Description:** This course will survey some of the most culturally representative films and film scores of the 20th century while laying the groundwork for students to acquire the skills necessary to critically engage film as a multi-sensorial experience. Special attention will be paid to aesthetic questions arising from the fusion of sound and image as well as the psychological, political and philosophical resonances that result from this union.

**Course Number:** VP1001-1002 (**ONLINE ONLY**)

**Course Name:** AP Art History

**Credits:** 10

**Grade:** 11-12

**Description:** Prerequisite: A in BOTH semesters of Modern World History OR B or better in BOTH semesters of AP World History. Within AP Art History, students will explore the interconnections between art, culture, and historical context using critical analysis through the critical lenses of artistic expression, cultural awareness, and purpose. Using a defined art historical skill set and reflective learning, students will analyze relationships across cultures with a global lens. The examination of how people have responded to and communicated their experiences through art will enable students to think conceptually about art ranging from prehistoric to contemporary. Students will be active participants, engaging with art and its context as they read, research, and collaborate to learn about art, artists, art making, and responses to and interpretations of art.

**Course Number:** VP150

**Course Name:** Jazz Band

**Credits:** 10

**Grade:** 9-12

**Description:** The purpose of this course is for the students to continue to improve and develop their skills, knowledge, and appreciation of jazz music through active listening and performance of varied jazz idioms and to be able to effectively communicate this understanding through the use of jazz idioms and improvisation. Students will achieve an advanced level of proficiency on an instrument while developing creative and artistic expression. This is an 8th-period course which occurs outside the regular school day. *NOTE: This is not a UC approved class. Students typically take Band Methods to earn their 1 year of required Art, which is a UC approved class.*

**Course Number:** VP160

**Course Name:** Marching Band

**Credits:** 5

**Grade:** 9-12

**Description:** This is a fall semester class. This course is designed to introduce the student to a variety of styles used in marching band. This course will expose and develop the student's knowledge and understanding of basic theory, instrument practice, and technique, both in an ensemble setting and in an individual practice setting. In addition, students will learn both the physical and mental types of marching routines in relation to the style of music. *NOTE: This course can also be used for PE credit. This is an 8th-period course that occurs outside the regular school day.*

**Course Number:** VP220

**Course Name:** Concert Band

**Credits:** 5

**Grade:** 9-12

**Description:** This is a spring semester class. Intermediate and Advanced musicians will perform in various settings including concert festivals, community events, and school functions. Students will enhance knowledge of music fundamentals including music theory, and historical/social implications and performances practices of various genres. Students will perform at a level that reflects understanding of the mechanical aspects of their instruments. Many public performances are required, and are not an optional part of this course. *NOTE: This is an 8th-period course that occurs outside the regular school day. NOTE: This is not a UC approved class. Students typically take Band Methods to earn their 1 year of required Art, which is a UC approved class.*

## --- ELECTIVES ---

**Course Number:** ND400X

**Course Name:** Academic Decathlon

**Credits:** 10

**Grade:** 9-12

**Description:** The Academic Decathlon course will provide students with a rigorous and diverse learning experience that spans ten academic disciplines. Students will be asked to deeply research and study topics in seven academic areas: language, music, art, economics, science, social studies and math. They will also study and participate in performance activities of speech, essay writing and interviewing. Students will develop research skills, critical thinking skills and inference abilities and, as a team, the class will compete in the Southern California Private Schools Academic Decathlon following the format and topic directives of the competition.

Academic Decathlon is a nationwide program dedicated to academic excellence in high schools. The curriculum is created by the United States Academic Decathlon (USAD). The content of the Academic Decathlon course will change every year depending on the topic USAD chooses for the current school year. Topics have ranged from "The Renaissance" to "World War 2." The competition will consist of tests and/or events in the following areas: art, economics, language and literature, mathematics, science, social studies, speech, interview, essay and super quiz. The course will have a strong focus on analysis and evaluation of the topics detailed above. By the end of the year, not only will students have studied and mastered topics that are not traditionally taught in core classes, but they will have strong skills in the following areas: listening, speaking, analysis, evaluation, critical reading, and critical thinking. *This is an 0-period course which occurs outside the regular school day. NOTE: This is a UC approved "g".*

**Course Number:** ND350

**Course Name:** Internship

**Credits:** 5 per semester

**Grade:** 12

**Description:** Prerequisite: Counselor Approval. Open to seniors in good standing. This course provides practical on-the-job experiential training in basic office procedures, etiquette, manners and practices. Proper business office attitudes are stressed. Limited spots are available. Grading is Credit/No Credit.

**Course Number:** ND360

**Course Name:** Student Government & Leadership

**Credits:** 10

**Grade:** 9-12

**Description:** Prerequisite: By recommendation of Director of Activities. This course is intended for students who are interested in becoming leaders on campus in student government. Students develop skills in leadership, collaboration, speaking, listening, planning and organization. *This is an 0-period course which occurs outside the regular school day. NOTE: This is a UC approved "g".*

**Course Number:** OE101 (ONLINE ONLY)

**Course Name:** Senior Exit Interview

**Credits:** 5

**Grade:** 12

**Description:** Students will walk through the basic steps of interview skills, resume writing, and making a strong first impression. Students will build their resume and their personal video project in preparation for the live or online Senior Exit Interview. This is a Credit/ No Credit class.

**Course Number:** IT101 (**ONLINE ONLY**)

**Course Name:** Digital Information Technology

**Credits:** 10

**Grade:** 9-12

**Description:** Dive into an exciting course that will provide you with the foundational skills needed for exciting careers like game development, military defense, web design, and software engineering! You will explore Microsoft Office online applications, web design, emerging technologies, operating systems, project management, communication methods, Information Technology careers, and much more in this course. Learn about your strengths and how they relate to different career paths. This course is part 1 of a program of study that provides coherent and rigorous content needed for progression in the Information Technology Career cluster. *NOTE: This is a UC approved "g".*

**Course Number:** CO061-062 (**ONLINE ONLY**)

**Course Name:** Foundations of Programming

**Credits:** 10

**Grade:** 10-12

**Description:** Learn the skills required to be competitive in today's high-tech workforce. This course covers the fundamentals of programming using the computer language Python. It provides you with the concepts, techniques, and processes associated with computer programming and software development. You'll also explore the vast programming career opportunities available in this high-demand field. This course is part 2 of a program of study that provides coherent and rigorous content needed for progression in the Information Technology Career cluster. *NOTE: This is a UC approved "g".*

**Course Number:** CO501-502 (**ONLINE ONLY**)

**Course Name:** Cyber Security Essentials

**Credits:** 10

**Grade:** 10-12

**Description:** Have you or someone you know ever had personal information compromised? This inspiring course covers defensive strategies for computer, mobile device, and network security. You'll experience a hands-on approach to security strategies, expand your computer and networking security techniques, and improve your problem-solving skills. You will also explore numerous employment opportunities and prepare for one of the fastest-growing industries: cybersecurity. This course is part 3 of a program of study that provides coherent and rigorous content needed for progression in the Information Technology Career cluster. *NOTE: This is a UC approved "g".*

**Course Number:** BA201-202 (**ONLINE ONLY**)

**Course Name:** Business Management and Law

**Credits:** 10

**Grade:** 9-12

**Description:** Unlock the secrets to success in the corporate world! In this course, students will explore key business management concepts, including human relations, sales and marketing, and finances.

With a focus on the role of management in small businesses and the government regulations that impact businesses, this course introduces students to the principles of effective business management and the legal considerations and implications that underpin these practices.

**Course Number:** BA301-302 (**ONLINE ONLY**)

**Course Name:** Business Ownership

**Credits:** 10

**Grade:** 10-12

**Description:** Recommended: Business Management and Law. Are you ready to unleash your entrepreneurial spirit and explore the exciting world of business ownership? Whether you dream of starting your own business or want to understand what it takes to be a successful business owner, this course will provide you with the knowledge and skills needed to make your dreams a reality. You will develop a comprehensive business plan, learn the fundamentals of financial management, and explore the essentials of creating an effective marketing strategy. Additionally, you will create a career plan that outlines your goals and the steps needed to achieve them, preparing you to take the first steps toward launching and operating your own business.

**Course Number:** SE501-502 (**ONLINE ONLY**)

**Course Name:** Principles of Entrepreneurship

**Credits:** 10

**Grade:** 10-12

**Description:** Do you have a desire to follow your passion, control your schedule, and are willing to take risks and work hard? Do you have an innovative idea and want to start your own business but don't know where to start? Having the right tools and knowledge about business plans, marketing, financing, and small business management will help you achieve your entrepreneurial goals. In this course, you will identify the characteristics and traits of entrepreneurs and assess personal strengths and weaknesses for entrepreneurial success. This course will focus on outlining the steps in starting a business, how the economy plays a role in small businesses, the basic principles of marketing, selling, distributing, and financing, and the workforce readiness skills needed to be a successful entrepreneur. Throughout the course, you will focus on learning about and practicing your entrepreneurial mindset, a set of skills and attitudes that are beneficial both personally and professionally.

## --- KINESIOLOGY - PHYSICAL EDUCATION ---

**Course Number:** KN101 (ONLINE ONLY)

**Course Name:** Health

**Credits:** 5

**Grade:** 9

**Description:** This course is ONLY offered online and is an 8 week semester class. This course is designed to bring comprehensive health awareness to the student. Taught from a Salesian Catholic perspective, the course will give students a foundation for understanding health as it relates to them spiritually, physically, emotionally, and socially/relationally. Students will work individually and cooperatively to explore, analyze, and solve health-related problems and issues. Positive lifelong health habits will be encouraged by the development of conceptual knowledge and practical skills. This course serves as a gateway class; students who pass this class with an A or a B may take other online classes in the future. MUST BE COMPLETED BEFORE SOPHOMORE YEAR BEGINS.

**Course Number:** KN100

**Course Name:** Strength and Conditioning (year)

**Credits:** 10

**Grade:** 9-12

**Description:** Students will register for this section for ALL Strength and Conditioning classes and then will be divided into regular or Advanced based on team rosters. This course provides a framework of knowledge in athletic conditioning. It demonstrates an examination of exercise technique, program design, periodization, and the development of bio-motor abilities. Instruction methods for speed, agility, flexibility, plyometrics, and Olympic lifting are also included.

**Course Number:** KN110

**Course Name:** Strength and Conditioning (semester)

**Credits:** 5

**Grade:** 9-12

**Description:** This course provides a framework of knowledge in athletic conditioning. It demonstrates an examination of exercise technique, program design, periodization, and the development of bio-motor abilities. Instruction methods for speed, agility, flexibility, plyometrics, and Olympic lifting are also included.

**Course Number:** KN150

**Course Name:** Physical Education

**Credits:** 5

**Grade:** 9-12

**Description:** This course will focus on students achieving and maintaining a level of physical fitness for health and performance while demonstrating knowledge of fitness concepts, and strategies. Students will establish personal fitness goals, using principles of aerobics, strength, and core training. Students will engage in vigorous activities daily, including participating in various sports for fun. This is a repeatable class.

**Course Number:** KN200

**Course Name:** Advanced Strength and Conditioning

**Credits:** 10

**Grade:** 9-12

Description: Prerequisite: Head Coach Recommendation. Students do not SELECT this course, they are enrolled in it by the Athletic Department. This course builds upon the framework of knowledge in athletic conditioning from the Strength and Conditioning course. Students demonstrate an advanced methodology of exercise technique, program design, periodization, and the development of bio-motor abilities. Students must be members of a specific varsity team to enroll in this class, with approval from their coach.

**Course Number:** KN151 (ONLINE ONLY)

**Course Name:** Personal Fitness

**Credits:** 5

**Grade:** 9-12

**Description:** This course is ONLY offered online. Aimed at lifelong fitness, this course guides students in strategies and techniques to make continual improvements in all areas of wellness. Students, with the guidance of a training instructor, set personal goals in four areas of wellness: physical, emotional, social, and academic. Fitness assessments enable students to establish baseline levels of fitness and work toward improvement in specific areas. At the end of each module, students submit a wellness plan documenting their daily physical activity, progress toward goals, changes in fitness assessment results, and reflections on personal progress. The course uses videos, graphics, and interactive learning opportunities to encourage students to get out and be active. By following personalized training principles, students can gain confidence from personal success while they develop healthy habits that will last a lifetime.

**Course Number:** ND201 (ONLINE ONLY)

**Course Name:** Independent Study PE

**Credits:** 5

**Grade:** 9-12

**Description:** This course is ONLY offered online for full time online students. Students log 50 hours of physical activity to earn 5 credits. Students must be in a situation where they are working with a trainer, coach, or physical therapist. This is a credit/no credit class.

## --- BIOMEDICAL SCIENCE PATHWAY ---

**Course Number:** KIN110SM

**Course Name:** Biomedical Science 1A: Community First Aid and CPR

**Credits:** 10

**Grade:** 9

**Description:** Prerequisite: C or Higher in KIN206BSM. This course introduces the skills required to provide basic life support in an emergency illness or injury. The course includes adult, infant, and child Cardiopulmonary Resuscitation (CPR) and first aid. Upon successful completion of all tests, students will be issued an American Red Cross card for Community First Aid and CPR. Transfer Credit: UC; CSU. *NOTE: As a Dual Enrollment Course, grades earned will be considered as Honors Credit (i.e. 5 GPA points)* STUDENTS MUST BE A MEMBER OF THE BIOMEDICAL SCIENCE PATHWAY TO TAKE THIS COURSE.

**Course Number:** BS160

**Course Name:** Biomedical Science 1B: Medical Ethics

**Credits:** 5

**Grade:** 9

**Description:** Prerequisite: Must be concurrently enrolled in Biology Honors. In the spring semester, this course examines ethics as practiced in the health care setting. The case studies and course curriculum are based on Catholic doctrine. This course develops philosophical knowledge centered on ethical awareness, ethical knowledge, and skills. Students will be introduced to several traditional moral theories, and will explore ethical cases within the health-care setting. This course will progress through a variety of ethical challenges that health professionals face throughout their careers. Topics may include: euthanasia, modern fertility interventions, treatment of impaired newborns, mental illness, use of animals in research, professional ethical codes, scarce resources, genetic engineering, inter-cultural issues, economics (ability to pay) and many other dilemmas that occur when practicing in health care. *NOTE: This is a UC approved "g".*

**Course Number:** BS250

**Course Name:** Biomedical Science 2: Cell and Molecular Biology Honors

**Credits:** 10

**Grade:** 10

**Description:** Prerequisite: C or better in Biomedical Science 1. The course is an interdisciplinary course that bridges the fields of Chemistry, Biochemistry, Biology, Genetics, and Bio-Physics. It is a survey of the cell, as the fundamental structural and functional credit of life. The mechanisms of differentiation and coordinated activities, which form the molecular basis of cellular processes and interrelationships in eukaryotic systems, shall be analyzed. Molecular Pathology, the study of molecules in a disease state, shall be emphasized throughout the course as a means to diagnose, prevent, and treat disease. *NOTE: This is a UC approved "d".*

**Course Number:** BS350

**Course Name:** Biomedical Science 3: Anatomy and Physiology Honors

**Credits:** 10

**Grade:** 11

**Description:** Prerequisite: C or better in Biomedical Science 2. This course studies the interrelationship of structure and function within and between human organ systems in terms of structure and function along with systemic relationships focusing on the issues, integumentary, skeletal, muscular, nervous and endocrine systems. Case studies will be a supplementary key to integrating knowledge through application. Laboratory work will be required, including anatomy dissection of rat, cat, cow eye, sheep brain, pig heart and kidney. *NOTE: This is a UC approved "d".*

**Course Number:** BS455

**Course Name:** Biomedical Science 4A: Medical Genetics

**Credits:** 5

**Grade:** 12

**Description:** Prerequisite: C or better in Biomedical Science 3. A survey of conditions that are implicated by hereditary factors which involve different genetic mechanisms such as; single and multifactorial gene disorders, chromosomal abnormalities, polygenic inheritance, and acquired somatic genetic disease. Emphasis will be placed on the impact of genetic disease in the 20th century, as well as developments in the molecular technology industry in genetic advancement. The course will examine mechanisms of diagnosis of genetic disease at the chromosomal and molecular level, in addition to prospects for treatment using drug and gene therapy. *NOTE: This is a UC approved "d".*

**Course Number:** BS450X

**Course Name:** Biomedical Science 4B: Biomedical Scholar Internship

**Credits:** 5

**Grade:** 12

**Description:** Prerequisite: C or better in Biomedical Science 3. Students will gain clinical and research experience as active members of genetics research teams, as well as health-care cohorts, through which they will work at medical and genetics research sites. Responsibilities include providing basic care for patients, as well as performing research in genetics-based medical science. At the medical sites, patients are assisted in a range of tasks such as walking, feeding, monitoring vital signs, and much more. Student interns will engage in administrative and clinical rotations, in a variety of areas at the program site, or will conduct cellular or molecular research in a field specialized in human biology. The completion of 135 hours of clinical work performed at an approved medical site or biological sciences research laboratories are required. Hours are to be completed June 1st through March 1st.

## --- COMPUTER SCIENCE PATHWAY ---

**Course Number:** CO100

**Course Name:** Computer Science Essentials

**Credits:** 10

**Grade:** 9

**Description:** Computer Science Essentials introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. This is level 1 of the Computer Science Pathway. **STUDENTS MUST BE A MEMBER OF THE COMPUTER SCIENCE PATHWAY TO TAKE THIS COURSE.** *NOTE: This is a UC approved "d".*

**Course Number:** CO200 **ONLINE** - CO201-202

**Course Name:** AP Computer Science Principles

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: B or better in BOTH semesters of Algebra 1, Geometry, Honors Geometry, Algebra 2, OR C or better in Computer Science Essentials. AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This is level 2 of the Computer Science Pathway. Both pathway and non-pathway students can take this course. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester. NOTE: This is a UC approved "d".*

**Course Number:** CO300 **ONLINE** - CO301-302

**Course Name:** AP Computer Science A

**Credits:** 10

**Grade:** 10-12

**Description:** Prerequisite: B or better Geometry or Honors Geometry OR C or better in AP Computer Science Principles. AP Computer Science A introduces students to computer science through programming. 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. This is level 3 of the Computer Science Pathway. Both pathway and non-pathway students can take this course. *NOTE: All students enrolled in AP classes are required to take the AP exam given in May. Exams require a nonrefundable fee during the early part of the second semester. NOTE: This is a UC approved "c".*

**Course Number:** CO400

**Course Name:** Computer Science Capstone

**Credits:** 10

**Grade:** 12

**Description:** Prerequisite: C or better in AP Computer Science Principles and AP Computer Science A. Students will complete their Senior Year Capstone course using programming skills, content knowledge, and collaboration skills learned via their Computer Science Essentials course (9th grade), AP Computer Science Principles course (10th grade), and AP Computer Science A course (11th grade). The goal of this course is to innovate and create a functioning project in assistance with the SJB IT department. The first semester is aimed to learn how to identify a problem and use the engineering design process to build a solution. Students will practice with the device and accessories to gain a better understanding prior to designing their own capstone project. Students will then interview for a position at one of the available IT internship positions for various projects. The Vice President of Technology and the Computer Science Pathway coordinator will choose student's roles based upon interviews, skills, and project understanding. During the second semester, students will divide into groups and build a prototype de la sign to present to a panel of peers, faculty, and the Bosco Community. This is level 4 of the Computer Science Pathway. *NOTE: This is a UC approved "g".*

## --- ENGINEERING PATHWAY ---

**Course Number:** EG150

**Course Name:** Engineering 1: Introduction to Engineering Design

**Credits:** 10

**Grade:** 9

**Description:** Prerequisite: Algebra 1 and concurrent enrollment in Geometry or Algebra 2. The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. *NOTE: This course is eligible for College Credit as an Articulated Class through Cerritos College. Students are required to complete a "Credit By Exam" Form within 2 years of completing the course to earn this credit. By extension, successful completion and submission of this form will provide the student with Honors credit toward their GPA. STUDENTS MUST BE A MEMBER OF THE ENGINEERING PATHWAY TO TAKE THIS COURSE. NOTE: This is a UC approved "d".*

**Course Number:** EG250

**Course Name:** Engineering 2: Principles of Engineering

**Credits:** 10

**Grade:** 10

**Description:** Prerequisite: C or better in Engineering 1 and Geometry (or higher level math) and concurrent enrollment in Algebra 2 or higher level math. This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. *NOTE: This course is eligible for College Credit as an Articulated Class*

*through Cerritos College. Students are required to complete a “Credit By Exam” Form within 2 years of completing the course to earn this credit. By extension, successful completion and submission of this form will provide the student with Honors credit toward their GPA NOTE: This is a UC approved “d”.*

**Course Number:** EG350

**Course Name:** Engineering 3: Honors Applied Engineering

**Credits:** 10

**Grade:** 11

**Description:** Prerequisite: C or better in Engineering 2 AND concurrent enrollment in Physics and Lab or higher. This course builds on the major concepts and skills learned in Introduction to Engineering Design and Principles of Engineering. Through the use of design problems students, working in teams, will be challenged to a deeper level of understanding and application of engineering topics/modules in the areas of: engineering economics, energy efficiency/green economy/decarbonization and power, control systems, digital electronics (double of other modules), mechanical and electrical design, and structures/construction drawings and materials science. In addition, students will continue using autocad, programming languages of Arduinos/variable speed drives/ electronic circuit design and simulation software to assist them in developing a design solution and use of programmable logic devices. *NOTE: This is a UC approved “g”.*

**Course Number:** EG450

**Course Name:** Engineering 4: Engineering Capstone

**Credits:** 10

**Grade:** 12

**Description:** Prerequisite: C or better in Engineering 3, Physics and Lab AND concurrent enrollment in a fourth-year mathematics class. In this capstone course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions. Finally, student teams present and defend their original solution to an outside panel. *NOTE: This course is eligible for College Credit as an Articulated Class through Cerritos College. Students are required to complete a “Credit By Exam” Form within 2 years of completing the course to earn this credit. By extension, successful completion and submission of this form will provide the student with Honors credit toward their GPA. NOTE: This is a UC approved “g”.*

## --- FILM & MEDIA PATHWAY ---

**Course Number:** VP180

**Course Name:** Film and Media 1: Screenwriting

**Credits:** 10

**Grade:** 9-12

**Description:** The purpose of the course is to learn about film and media screenplay structure, analyze dramatic strategies in film and television, learn and apply correct script form, and creatively engage in the various stages of original scriptwriting. The assignments will include the writing of scenes, a treatment and a half-hour script, with special emphasis on the steps leading toward creating a final screenplay. *NOTE: This is a UC approved "F".*

**Course Number:** VP280

**Course Name:** Film and Media 2: Production and Design

**Credits:** 10

**Grade:** 10

**Description:** Prerequisite: C or better in Film and Media 1. The goals of this course are to introduce the student to the world of the production and design, to establish a basic design vocabulary, to give the student experience with various aspects of forming a design concept based on a script, to give the student first hand information about current productions through the appearance of guest speakers, and to prepare the student for practical applications in the field of production design/art direction. Ideally, by the end of the class, students should be able to translate abstract verbal ideas and concepts into a visual vocabulary and structure. *NOTE: This is a UC approved "F".*

**Course Number:** VP390

**Course Name:** Film and Media 3: Directing and Producing

**Credits:** 10

**Grade:** 11

**Description:** Prerequisite: C or better in Film and Media 2. This course has a continued focus on story-telling/writing while also exploring a more advanced study into the technical aspects that helps to steer students towards a specialization in the film industry, such as screenwriting, directing, editing, cinematography, production design (sound, special effects, art direction) and producing. Students are required to serve on student film crews in advisory positions as heads of department. Students will produce/direct an advanced 5 minute upper level narrative/documentary portfolio project based on the skills and knowledge gained over the previous three years. Students will begin to brainstorm and formulate their Senior Thesis Project plan over the course of the 3rd year. *NOTE: This is a UC approved "F".*

**Course Number:** VP480

**Course Name:** Film and Media 4: Senior Capstone

**Credits:** 10

**Grade:** 12

**Description:** Prerequisite: C or better in Film and Media 3. Year four has a continued focus on story-telling/writing culminating with a Senior Thesis film/project, greater focus on their particular specialization area, the business of cinema and media and the development of a portfolio for college/film school applications and professional industry employment. Students in this year will write,

produce, direct, edit and film their own 10 minute Senior Thesis projects with the collaborative help of all students involved in the Pathway serving as Department Heads, and Production crew. Fourth year students will have the opportunity to submit finished Senior Thesis films to film festivals and competitions. *NOTE: This is a UC approved "I".*

## --- ENTREPRENEURSHIP PATHWAY ---

**SPECIAL NOTE:** Starting the 2025-2026 School Year, the Entrepreneurship Pathway will begin transitioning to Dual Enrollment courses through Cerritos College (starting with BA100 & BA132). This means all courses will provide students with college-level instruction for their courses AND students will receive an Honors credit for each class they take. As these courses are through Cerritos College, students will be required to complete a Cerritos College application, register for the correct courses via Cerritos' DualEnroll website, AND request the correct courses for their grade level. Students will earn TWO Certificates of Achievement from Cerritos College: Business Essentials and Entrepreneurship & Innovation. NOTE: As part of this pathway, students will be required to pay a Student Health & Activities fee each semester. That fee is to ensure students have access to all the Cerritos online course resources and to give students additional in-person supports through the Cerritos College Student Health Center. Below is a breakdown of the phased approach we are taking for integrating these courses:

<b>Courses</b>	<b>Graduating Year Cohort*</b>	<b>Certificate</b>
BA100 & BA132	2029; 2026-2028	
BA156 & BA120	2030; 2029; 2027-2028	Business Essentials
BA114 & BA153	2031; 2030; 2029; 2028	
BA113 & BA210	2032; 2031; 2030; 2029	Entrepreneurship & Inno.

\*Students in the 2026, 2027, & 2028 Graduating Classes may take the remaining courses at Cerritos College on their own if they wish to earn their Certificates of Achievement from Cerritos College.

**Course Number:** BA100

**Course Name:** Entrepreneurship 1A: Fundamentals of Business

**Credits:** 10

**Grade:** 9 (Fall Semester)

**Description:** Prerequisite: Acceptance into the Entrepreneurship Pathway. This course, designed for the beginning business student, will survey business principles, methodologies, problems, practices, and procedures as they pertain to the societal challenges facing business and the economic challenges facing America in a global environment. Business topics will be discussed, such as: the nature of business, ownership, recruitment and training of personnel, human resources, labor-management relations, human behavior, production and distribution of goods, economics, marketing, competition, profits, transportation, finance and accounting, managerial controls, organizational communications and culture, global markets, government, entrepreneurship and business relations. Transfer Credit: CSU; UC

**Course Number:** BA132

**Course Name:** Entrepreneurship 1B: Computer Applications for Managers

**Credits:** 10

**Grade:** 9 (Spring Semester)

**Description:** Prerequisite: C or better in BA100. This survey course focuses on the business management processes and the software products that are available to assist managers, entrepreneurs, and other business professionals in the successful accomplishment of their demanding jobs in a dynamic, global, and technology-driven business environment. The course is designed to review the latest software available to assist managers in accomplishing the full spectrum of management functions to help them shift from old methods of managing to new methods using tools provided by computer technology. Transfer Credit: CSU

**Course Number:** BA156

**Course Name:** Entrepreneurship 2A: Motivational Presentation Skills for Managers

**Credits:** 10

**Grade:** 10 (Fall Semester)

**Description:** Prerequisite: C or better in BA132. This course is designed to teach managers how to communicate the values, mission, and goals of the organization to create an environment that encourages motivation on the part of employees. Students learn motivational techniques and presentation skills required to be an effective business leader. Topics also include handling conflict, managing changes, and dealing effectively with stress. Emphasis is on the process of developing presentation materials, planning presentations, and using the latest communication technology with which to deliver professional, compelling presentations. Transfer Credit: CSU

**Course Number:** BA120

**Course Name:** Entrepreneurship 2B: Management-Accounting & Internal Control

**Credits:** 10

**Grade:** 10 (Spring Semester)

**Description:** Prerequisite: C or better in BA156. The accounting cycle will be introduced with emphasis on understanding financial records. Instruction will be given on the internal control of the industry being studied, as well as an introduction to the analysis of the financial statements. This course can be taken in either a traditional or an online learning environment. Transfer Credit: CSU

**Course Number:** BA114

**Course Name:** Entrepreneurship 3A: Marketing

**Credits:** 10

**Grade:** 11 (Fall Semester)

**Description:** Prerequisite: C or better in BA132. This course is designed to teach managers how to communicate the values, mission, and goals of the organization to create an environment that encourages motivation on the part of employees. Students learn motivational techniques and presentation skills required to be an effective business leader. Topics also include handling conflict, managing changes, and dealing effectively with stress. Emphasis is on the process of developing presentation materials, planning presentations, and using the latest communication technology with which to deliver professional, compelling presentations. Transfer Credit: CSU

**Course Number:** BA153

**Course Name:** Entrepreneurship 3B: Introduction to Entrepreneurship

**Credits:** 10

**Grade:** 11 (Spring Semester)

**Description:** Prerequisite: C or better in BA156. The accounting cycle will be introduced with emphasis on understanding financial records. Instruction will be given on the internal control of the industry being

studied, as well as an introduction to the analysis of the financial statements. This course can be taken in either a traditional or an online learning environment. Transfer Credit: CSU

**Course Number:** BA113

**Course Name:** Entrepreneurship 4A: Legal Environment of Business

**Credits:** 10

**Grade:** 12 (Fall Semester)

**Description:** Prerequisite: C or better in BA132. This course is designed to teach managers how to communicate the values, mission, and goals of the organization to create an environment that encourages motivation on the part of employees. Students learn motivational techniques and presentation skills required to be an effective business leader. Topics also include handling conflict, managing changes, and dealing effectively with stress. Emphasis is on the process of developing presentation materials, planning presentations, and using the latest communication technology with which to deliver professional, compelling presentations. Transfer Credit: CSU

**Course Number:** BA210

**Course Name:** Entrepreneurship 4B: Entrepreneurship & Innovation

**Credits:** 10

**Grade:** 12 (Spring Semester)

**Description:** Prerequisite: C or better in BA156. The accounting cycle will be introduced with emphasis on understanding financial records. Instruction will be given on the internal control of the industry being studied, as well as an introduction to the analysis of the financial statements. This course can be taken in either a traditional or an online learning environment. Transfer Credit: CSU

## --- SPORTS MEDICINE PATHWAY ---

**SPECIAL NOTE:** Starting the 2025-2026 School Year, all courses for the Sports Medicine Pathway will be Dual Enrollment courses through Cerritos College. This means all Sports Medicine courses will provide students with college-level instruction for their courses AND they will receive an Honors credit for each class they take. As these courses are through Cerritos College, students will be required to complete a Cerritos College application, register for the correct courses via Cerritos' DualEnroll website, AND request the correct courses for their grade level. Once a student has completed all 7 courses, they will earn an Exercise Science: Athletic Injury Management Certificate from Cerritos College, along with a Distinction of Completion of the Sports Medicine Pathway on their SJB Diploma. **NOTE:** As part of this pathway, students will be required to pay a Student Health & Activities fee each semester. That fee is to ensure students have access to all the Cerritos online course resources and to give students additional in-person support through the Cerritos College Student Health Center.

**Course Number:** SM150X

**Course Name:** Sports Med 1A Introduction to Kinesiology

**Credits:** 10

**Grade:** 9 (Fall Semester)

**Description:** Prerequisite: Acceptance into the Sports Medicine Pathway. Kinesiology is the study of human movement and the associated responses and adaptations. In this context, a kinesiologist must understand the scientific basis underlying exercise-induced biomechanical and physiological responses. Although kinesiology professionals often work in sports medicine facilities, the field of kinesiology is quite broad. Depending upon one's area of interest, a kinesiology major might study: (1) how to develop and lead exercise programs for diverse populations; (2) how organ systems work at the cellular level; or (3) how to improve biomechanical efficiency in tasks of everyday living. The basic principles of human nutrition are also investigated, emphasizing the nutrients, food sources, and their utilization in the body for growth and health throughout life. This course also assesses contemporary nutrition issues. Students will also study functions, digestion/absorption, interrelationships, cellular metabolism of the macronutrients; determination of nutrient requirements, assessment of nutritional status, fluid balance and acid base balance during health exercise.

**Course Number:** KIN207SM

**Course Name:** Sports Med 1B Athletic Injury Taping, Bandaging and Immobilization

**Credits:** 10

**Grade:** 9 (Spring Semester)

**Description:** Prerequisite: Acceptance into the Sports Medicine Pathway. This course, taken in the Spring Semester, allows the student to expand upon the knowledge and skill of management, bandaging and taping of athletic injuries. Emphasis is placed on immobilization of acute injuries, and the techniques used for preventative bandaging and taping of athletic injuries. Transfer Credit: CSU. **NOTE:** As a Dual Enrollment Course, grades earned will be considered as Honors Credit (i.e. 5 GPA points)

**Course Number:** KIN102SM

**Course Name:** Sports Med 2A Introduction to Athletic Training

**Credits:** 10

**Grade:** 10 (Fall Semester)

**Description:** Prerequisite: C or better in SM150 and KIN207SM. This course, taken in the Fall Semester of Sophomore year, provides instruction in the prevention, assessment, management, and reconditioning of athletic injuries. Taping and bandaging, protective padding, and modalities used for treatment will be presented. Transfer Credit: UC; CSU. *NOTE: As a Dual Enrollment Course, grades earned will be considered as Honors Credit (i.e. 5 GPA points)*

**Course Number:** KIN205SM

**Course Name:** Sports Med 2B Anatomical Movement Analysis

**Credits:** 10

**Grade:** 10 (Spring Semester)

**Description:** Prerequisite: C or better in SM150 and KIN207SM. Take the Spring Semester of Sophomore year. An introduction to the musculo-skeletal system and its function in human movement. Analysis of movements in fitness and sport skills and the muscles and bones involved will be explored. Transfer Credit: UC; CSU. *NOTE: As a Dual Enrollment Course, grades earned will be considered as Honors Credit (i.e. 5 GPA points)*

**Course Number:** KIN206ASM

**Course Name:** Sports Med 3A Lower Extremity Injury Assessment and Reconditioning

**Credits:** 10

**Grade:** 11 (Fall Semester)

**Description:** Prerequisite: C or Higher in KIN205SM. This course, taken in the Fall Semester of Junior year, allows the student to expand upon the knowledge of the mechanism, assessment and reconditioning of lower extremity athletic injuries. Emphasis is placed upon injury mechanism and assessment, the phases of healing, modalities used in the healing process, and the application of exercise and exercise equipment in the reconditioning of lower extremity athletic injuries. Transfer Credit: UC; CSU. *NOTE: As a Dual Enrollment Course, grades earned will be considered as Honors Credit (i.e. 5 GPA points)*

**Course Number:** KIN206BSM

**Course Name:** Sports Med 3B Upper Extremity Injury Assessment and Reconditioning

**Credits:** 10

**Grade:** 11 (Spring Semester)

**Description:** Prerequisite: C or Higher in KIN206ASM. This course, taken in the Spring Semester of Junior year, allows the student to expand upon the knowledge of the mechanism, assessment and reconditioning of upper extremity athletic injuries. Emphasis is placed upon injury mechanism and assessment, the phases of healing, modalities used in the healing process, and the application of exercise and exercise equipment in the reconditioning of upper extremity athletic injuries. Transfer Credit: UC; CSU. *NOTE: As a Dual Enrollment Course, grades earned will be considered as Honors Credit (i.e. 5 GPA points)*

**Course Number:** KIN110SM

**Course Name:** Sports Med 4A Community First Aid and CPR

**Credits:** 10

**Grade:** 12 (Fall Semester)

**Description:** Prerequisite: C or Higher in KIN206BSM. This course, taken Fall Semester of Senior year, introduces the skills required to provide basic life support in an emergency illness or injury. The course includes adult, infant, and child Cardiopulmonary Resuscitation (CPR) and first aid. Upon successful

completion of all tests, students will be issued an American Red Cross card for Community First Aid and CPR. Transfer Credit: UC; CSU. *NOTE: As a Dual Enrollment Course, grades earned will be considered as Honors Credit (i.e. 5 GPA points)*

**Course Number:** KIN271ASM

**Course Name:** Sports Med 4B Work Experience Athletic Training

**Credits:** 10

**Grade:** 12 (Spring Semester)

**Description:** Prerequisite: C or Higher in KIN110SM. One unit of Work Experience in Fitness Specialist requires 54 hours of work per semester . Work Experience/Career Internship, taken Spring Semester of Senior year, provides the opportunity for students to apply skills and knowledge learned in the classroom to related experiences on the job/training site. The aim of the course is to assist students in expanding specific job skills. This creates greater communication with increased understanding between the students/ workers, the college, and the employers/ trainers. Students meet with their instructors for one hour per week until their project is approved. Students also pursue a program of self-evaluation to determine individual job weaknesses and strengths. Semester projects that relate to their major and job skills must be completed on the job/training site. Students will meet weekly with the instructor until their approved projects are completed. Transfer Credit: CSU. *NOTE: As a Dual Enrollment Course, grades earned will be considered as Honors Credit (i.e. 5 GPA points)*