



Summer Course Catalog

2020-2021

ENGLISH

Course offerings are dependent upon enrollment class size criteria set by the administration.

Mastering the Essay (Required Upper Division Course)			
UC/CSU Approved?	Yes	UC/CSU Area	"G" Elective Requirement
NCAA Approved?	Yes	Credits	5 Credits/Semester
Prerequisite	<p>Students who demonstrate competency in Mastering the Essay will be given the opportunity to test out of this course. While students who test out of Mastering the Essay are encouraged to take an additional writing elective, they will not be required to do so.</p> <p>Students who have taken or are enrolled in and successfully complete (C-, 70% or higher) Advanced Placement English Language and Composition are not required to take Mastering the Essay.</p>		
Course Description	<p>Mastering the Essay is designed to prepare students for the writing they will do in college. The course offers a comprehensive foundation in English grammar and structures of expository writing. Students will read and practice persuasive, narrative, analytical, and expository forms, keep a daily journal, and conduct effective academic discourse in class discussion. Students will learn how to recognize the rhetorical strategies writers use to formulate their arguments, as well as how to use those strategies to strengthen their own essays. The course provides opportunities to write timed in-class essays, as well as researched arguments and polished final drafts.</p>		

Freshman Literature & Comp Review			
UC/CSU Approved?	Yes	UC/CSU Area	"B" Subject Requirement
NCAA Approved?	Yes	Credits	5 Credits
Prerequisite	Deficient five credits in Freshman Composition and Literature.		
Course Description	<p>The goals of the regular composition and literature courses taught throughout the school year are reinforced through an intensive curriculum that includes attention to grammar, sentence construction, elements of composition and a further understanding and appreciation of a variety of literary genres. This course is required of those students identified as in need of additional instruction prior to being allowed to continue within the college preparatory curriculum of the department.</p>		

Sophomore Literature & Comp Review			
UC/CSU Approved?	Yes	UC/CSU Area	"B" Subject Requirement
NCAA Approved?	Yes	Credits	5 Credits
Prerequisite	Deficient five credits in Sophomore Composition and Literature.		
Course Description	<p>The goals of the regular composition and literature courses taught throughout the school year are reinforced through an intensive curriculum that includes attention to grammar, sentence construction, elements of composition and a further understanding and appreciation of a variety of literary genres. This course is required of those students identified as in need of additional instruction prior to being allowed to continue within the college preparatory curriculum of the department.</p>		

American Literature Review			
UC/CSU Approved?	Yes	UC/CSU Area	"B" Subject Requirement
NCAA Approved?	Yes	Credits	5 Credits
Prerequisite	Deficient five credits in American Literature		
Course Description	<p>The goals of the regular composition and literature courses taught throughout the school year are reinforced through an intensive curriculum that includes attention to grammar, sentence construction, elements of composition and a further understanding and appreciation of a variety of literary genres. This course is required of those students identified as in need of additional instruction prior to being allowed to continue within the college preparatory curriculum of the department.</p>		

MATHEMATICS

Course offerings are dependent upon class enrollment criteria set by the administration.

Geometry			
UC/CSU Approved?	Yes	UC/CSU Area	"C" Subject Requirement
NCAA Approved?	Yes	Credits	10 Credits/Year
Prerequisite	'C-' (70%) or better in Algebra I or Algebra IB. A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.		
Course Description	The Geometry course will help the student to develop skills in logical reasoning and further understanding of spatial relationships. Topics include area, angles, polygons, congruence, similarity, right triangle trigonometry, circles, proof (explaining), and three-dimensional figures. Algebra is integrated throughout the course. This course is essential in the natural transition from the concrete skills of Algebra I to the greater emphasis on abstract reasoning required in higher level courses.		

Honors Geometry			
UC/CSU Approved?	Yes	UC/CSU Area	"C" Subject Requirement (UC and CSU do not grant honors credit for this course)
NCAA Approved?	Yes	Credits	10 Credits/Year
Prerequisite	'A' (97%) in Algebra I or 'B+' (87%) both semesters or better in Accelerated Algebra I. Incoming Freshman accepted into Honors Geometry. A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.		
Course Description	Honors Geometry is a course designed to follow Accelerated Algebra I. Success requires strong arithmetic and algebra skills. The course includes all concepts taught in geometry plus elements of coordinate and transformational geometry that help to prepare the advanced student for future work in analytic geometry. Spherical geometry topics will be introduced. Algebra is integrated throughout the course. The course is essential in the natural transition from concrete skills of Algebra I to the greater emphasis on abstract reasoning required in higher level courses.		

Algebra IIB			
UC/CSU Approved?	Yes	UC/CSU Area	"C" Subject Requirement (1/2)
NCAA Approved?	Yes	Credits	10 Credits/Year
Prerequisite	'C-' (70%) or better in Algebra IIA and Geometry A TI-84 graphing calculator is mandatory for this course. No other types of graphing calculators are permitted.		
Course Description	This course covers the second semester of a traditional Algebra II course in a full year. This course strengthens fundamental algebra content. The topics include, but are not limited to, exponents and radical functions, exponential and logarithmic functions, rational functions, conics, probability and statistics, sequences and series, and an introduction to trigonometry and the unit circle. This Algebra IIA and IIB fulfill one year of the UC/CSU "c" subject requirement.		

Geometry Review			
UC/CSU Approved?	Yes	UC/CSU Area	"C" Subject Requirement
NCAA Approved?	Yes	Credits	10 Credits
Prerequisite	Deficient credits in Geometry.		
Course Description	The Geometry course will help the student to develop skills in logical reasoning and further understanding of spatial relationships. Topics include area, angles, polygons, congruence, similarity, right triangle trigonometry, circles, proof (explaining), and three-dimensional figures. Algebra is integrated throughout the course. This course is essential in the natural transition from the concrete skills of Algebra I to the greater emphasis on abstract reasoning required in higher level courses.		

Algebra II Review

UC/CSU Approved?	Yes	UC/CSU Area	"C" Subject Requirement (1/2)
NCAA Approved?	Yes	Credits	5 Credits
Prerequisite	Deficient five credits in Algebra II.		
Course Description	This course reinforces and extends the concepts taught in Algebra I and Geometry. The topics include, but are not limited to, equations and inequalities, linear equations and functions, systems and matrices, quadratic functions, polynomial functions, exponents and radical functions, exponential and logarithmic functions, rational functions, conics, probability and statistics, sequences and series, and an introduction to trigonometry and the unit circle. This course is required of those students identified as in need of additional instruction prior to being allowed to continue within the college preparatory curriculum of the department.		

PHYSICAL EDUCATION

*Course offerings are dependent upon enrollment class size criteria set by the administration.
Students may only take one course per summer.*

Team Sports and Activities (Coed)			
UC/CSU Approved?	No	UC/CSU Area	N/A
NCAA Approved?	No	Credits	5 Credits/Semester
Prerequisite	Elective course offered to sophomores, juniors, and seniors.		
Course Description	This course emphasizes advanced strategies, skills, and competition in a variety of team sports and activities including soccer, basketball, softball, handball, dodgeball, badminton, volleyball, flag football, frisbee, pickleball, etc. A major focus will be on organized competition within a team/group structure, with strong consideration given to student interests. A fitness component incorporating the equipment in the Vesci Fitness Center will be included in weekly class activities.		

Health and Fitness (Coed)			
UC/CSU Approved?	No	UC/CSU Area	N/A
NCAA Approved?	No	Credits	5 Credits/Semester
Prerequisite	Required course for students who are enrolled in four years of visual or performing arts.		
Course Description	This course involves introduction of non-traditional sports and activities as well as the benefits of regular physical activity. Students will study the effects of cardiovascular conditioning and strength training. This course also includes a quarter of Health, which entails instruction and certification in CPR with AED and First Aid.		

RELIGIOUS STUDIES

Course offerings are dependent upon enrollment class size criteria set by the administration.

Comparative Religion (online)			
UC/CSU Approved?	Yes	UC/CSU Area	"G" Elective Requirement
NCAA Approved?	Yes	Credits	5 Credits/Semester
Prerequisite	Required course for all seniors. By invitation only for summer online.		
Course Description	<p>Fulfills comparative requirement.</p> <p>In this one-semester course, students explore the origin and development of religion and examine the teachings and practices of the major religions of the world: Hinduism, Buddhism, Confucianism, Taoism, Judaism, and Islam. Students will have the opportunity to explore some of the spiritual practices of these traditions and seek to understand their relationship to each other, the individual, and the transcendent. Each religion will be explored in comparison to the Catholic faith, upholding the spirit of the Vatican II document <i>Nostra Aetate</i>.</p>		

Mystery of Suffering and Death			
UC/CSU Approved?	No	UC/CSU Area	N/A
NCAA Approved?	No	Credits	5 Credits/Semester
Prerequisite	Elective course for Seniors		
Course Description	<p>This one-semester course will define "suffering" while comparing various theological and philosophical interpretations of its meaning. The course will compare various cultural approaches to death, burial rituals, and afterlife concepts. Catholic eschatology will be examined, as will the concept of evil, and the salvific death and resurrection of Jesus. The course will also evaluate the Catholic moral position on end-of-life issues and engage students in the health care debate.</p>		

SCIENCE

Course offerings are dependent upon enrollment class size criteria set by the administration.

Biology			
UC/CSU Approved?	Yes	UC/CSU Area	"D" Subject Requirement
NCAA Approved?	Yes	Credits	10 Credits/Year
Prerequisite	A 'C-' (70%) or better in Integrated Physics and Chemistry.		
Course Description	<p>This is a standard laboratory and lecture class introducing the major fields of biology, the study of living things. The inquiry approach from the cellular level upward is used in discussing concepts of this class. Emphasis is placed on inquiry in the laboratory as a basis for discussion. The major fields included in this course are biotechnology, chemistry, cytology, microbiology, genetics, evolution, and ecology.</p> <p>Open to all grade levels.</p>		

Chemistry			
UC/CSU Approved?	Yes	UC/CSU Area	"D" Subject Requirement
NCAA Approved?	Yes	Credits	10 Credits/Year
Prerequisite	A 'C-' (70%) or better in Biology; must be concurrently enrolled in Geometry or higher.		
Course Description	<p>This is a standard lecture and laboratory class for the college-bound student who is interested in science. Careful organization, observation, and analysis are emphasized. Areas covered include mole concept, Avogadro's Hypothesis, gases, solutions, chemical reactions, atomic structure, and chemical bonds.</p> <p>Open to sophomores, juniors, and seniors.</p>		

SOCIAL STUDIES

Course offerings are dependent upon enrollment class size criteria set by the administration.

American Government and Civics			
UC/CSU Approved?	Yes	UC/CSU Area	"A" Subject Requirement
NCAA Approved?	Yes	Credits	5 Credits/Semester
Prerequisite	Course for Seniors.		
Course Description	This course enables students to understand how the political processes in the United States work. Through the study of American government and civics, the student is challenged to respond to a variety of questions: 1) What are the basic beliefs and ideals that underlie democracy in the United States? 2) How do our legal, governmental, and economic institutions affect public policy at the local, state, national, and international level? 3) How can the individual participate most effectively in the United States political system? In addition to becoming familiar with the structure and operation of the political system in the United States, the student analyzes some of the conflicts that confront our nation. In doing so, the student develops the ability to be an effective decision maker and a responsible citizen.		

Psychology			
UC/CSU Approved?	Yes	UC/CSU Area	"G" Elective Requirement
NCAA Approved?	Yes	Credits	5 Credits/Semester
Prerequisite	Elective course for juniors and seniors only.		
Course Description	This course focuses on essential psychological factors including perception, development, behavior, personality, and social functioning, utilizing both theoretical and experiential approaches. The content of the course will center on everyday commonplace behavior rather than the unusual or bizarre. Specific topics include but are not limited to learning, memory, the brain, consciousness, physical and social development, personality, gender roles, stress and health (including drug use and its effects), psychological disorders, and therapy. Students are encouraged to apply this class as a basis for a helping relationship such as peer counseling or conflict resolution. A research project is required in this class.		

World History I Review			
UC/CSU Approved?	Yes	UC/CSU Area	"G" Elective Requirement
NCAA Approved?	Yes	Credits	5 Credits
Prerequisite	Deficient five credits in World History I		
Course Description	World History Review is a summer session class which utilizes the ten themes recommended by the National Council for the Social Studies as the basis for all Social Studies curriculum standards. Students will study various subjects/people/eras in the area of world history and geography.		

World History II Review			
UC/CSU Approved?	Yes	UC/CSU Area	"G" Elective Requirement
NCAA Approved?	Yes	Credits	5 Credits
Prerequisite	Deficient five credits in World History II		
Course Description	World History II Review is a summer session class which utilizes the ten themes recommended by the National Council for the Social Studies as the basis for all Social Studies curriculum standards. Students will study various subjects/people/eras in the area of world history and geography.		

United States History Review			
UC/CSU Approved?	Yes	UC/CSU Area	"G" Elective Requirement
NCAA Approved?	Yes	Credits	5 Credits
Prerequisite	Deficient five credits in U.S. History .		
Course Description	U.S. History Review is a summer session class which utilizes the ten themes recommended by the National Council for Social Studies as the basis for all Social Studies Curriculum standards. World History Review is a summer session class which utilizes the ten themes recommended by the National Council for the Social Studies as the basis for all Social Studies curriculum standards. Students will study various subjects/people/eras in the area of U.S. History.		

WORLD LANGUAGES

Course offerings are dependent upon enrollment class size criteria set by the administration.

Spanish

Spanish I Review			
UC/CSU Approved?	Yes	UC/CSU Area	"E" Subject Requirement
NCAA Approved?	No	Credits	5 Credits
Prerequisite	Deficient 5 credits in Spanish I		
Course Description	An introductory course in the Spanish language with emphasis on the development of listening, speaking, reading, writing, and general knowledge of Hispanic culture and civilization.		

Spanish II Review			
UC/CSU Approved?	Yes	UC/CSU Area	"E" Subject Requirement
NCAA Approved?	No	Credits	5 Credits
Prerequisite	Deficient 5 credits in Spanish II		
Course Description	An introductory course in the Spanish language with emphasis on the development of listening, speaking, reading, writing, and general knowledge of Hispanic culture and civilization.		