

Course Guide and Recommendations

Grade is weighted
3rd Yr
Science/CTE
UC a-g approved
course

Subject Area: Social Science

Course Title	Grade				Prerequisite
World Cultures	10				a None
AP European History (AP)	10-12	<input checked="" type="checkbox"/>			a A or B English, 3.0 GPA
US History	11				a World Cultures
AP US History (AP)	11	<input checked="" type="checkbox"/>			a A or B in Social Science and English, 3.0 College Prep GPA
Government/Economics	12			a/g	US History
AP Government and Politics US (AP)/Economics	12	<input checked="" type="checkbox"/>		a/g	A or B in US History/AP US History and English 11/AP English Language, 3.0 College Prep GPA
AP Human Geography (AP)	10-12	<input checked="" type="checkbox"/>			a A or B in English and previous Social Science class (for 11th & 12th graders), 3.0 College Prep GPA; only counts as Social Science Elective

Subject Area: English

Course Title	Grade				Prerequisite
English 1	9				b None
Honors English 1	9				b A or B in previous English, Grade Level Reading Recommended (8th)
English 2	10				b English 1
Honors English 2	10				b A or B in Honors English/English 1, 3.0 GPA
English 3	11				b English 2
AP English Language (AP)	11	<input checked="" type="checkbox"/>			b A or B in Honors English 2/ English 2, 3.0 College Prep GPA
AP English Literature (AP)	12	<input checked="" type="checkbox"/>			b A or B in AP English Language/English, 3.0 College Prep GPA
English 4	12				b English 3
CSU ERWC (English 4)	12				b English 3
Methods of Film Criticism: English 4	12			Pending b	English 3; a-g approval pending
AP Seminar (AP)	10-12	<input checked="" type="checkbox"/>			b 3.0 College Prep GPA, only counts as an English Elective

Subject Area: Math

Course Title	Grade				Prerequisite
Integrated Math 1 Foundations	9-12				D or F in previous math course (8th grade)
Integrated Math 1	9-12				c C or better in previous course
Integrated Math 2 Foundations	9-12				D or better in Integrated Math 1
Integrated Math 2	9-12				c C or better in Integrated Math 1, "B" recommended
Integrated Math 3 Foundations	9-12				Integrated Math 1 and Integrated Math 2 ("D or Low C")
Integrated Math 3	9-12				c C or better in Integrated Math 2, "B" recommended
Financial Algebra	11-12				c C or higher in IM2
Statistics/Problem Solving	9-12				c C or higher in IM3
Trigonometry	9-12				c C or higher in IM3
Pre-Calculus	9-12				c B recommended in IM3
Highlights of Calculus	9-12				c C or lower in Pre Calculus
AP Calculus AB (AP)	10-12	<input checked="" type="checkbox"/>			c Pre-Calculus (Recommended: B in Pre-Calculus)
AP Calculus BC (AP)	10-12	<input checked="" type="checkbox"/>			c AP Calculus AB (Recommended: B in Calculus AB)
AP Statistics (AP)	11-12	<input checked="" type="checkbox"/>			c A or B in IM3 and English, 3.0 College Prep GPA
Personal Business Finance	11-12				g Integrated Math 1 and Integrated Math 2 (cannot be used for college admissions)

Subject Area: Science

Course Title	Grade				Prerequisite
Biology: The Living Earth	9				d None
Chemistry of the Earth's Systems	10-12		<input checked="" type="checkbox"/>		d Biology, Concurrent enrollment in IM1
Honors Chemistry of the Earth's Systems	10-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		d Biology and Integrated Math 2 with B or better, 3.0 College prep GPA
Physics in the Universe	10-12		<input checked="" type="checkbox"/>		d Biology, Concurrent enrollment in IM1
Human Anatomy and Physiology	10-12		<input checked="" type="checkbox"/>		d Integrated Math 1, Biology with "C" or better, and concurrently enrolled in Chemistry or Physics
Forensics	11-12		<input checked="" type="checkbox"/>		d 2 years of science (Biology, Chem, Physics) and Integrated Math 1 with a "C" or better
AP Environmental Science (AP)	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		d Two years of college prep science, completion of IM1. Recommended: Completion of Biology, Chemistry, IM2, 3.0 College Prep GPA
AP Biology (AP)	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		d B in Biology, Chemistry, and Integrated Math 2, 3.0 College prep GPA

AP Chemistry (AP)	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	d	A or B in Honors Chemistry (or Chemistry with Teacher's recommendation) and Integrated Math 3, 3.0 College Prep GPA
AP Physics 1 (AP)	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	d	A or B Chemistry or Physics and Integrated Math 3; Concurrent enrollment in Pre-Calculus or higher, 3.0 College Prep GPA
AP Physics 2 (AP)	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	d	Prerequisite: "B" in Integrated Math 3 and "B" in Biology; Completion of AP Physics 1, Concurrent in PreCalculus and 3.0 College Prep GPA
AP Physics C: Mechanics (AP)/AP Physics C: Electricity and Magnetism (AP)	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	d	Prerequisite: "B" in Precalculus, concurrently enrolled in Calculus, and "B" in Biology; 3.0 College Prep GPA and completion of a Physical Science Class. Must be paired together.

Subject Area: Language other than English

Course Title	Grade				Prerequisite
German 1	9-12				e C in English recommended
German 2	9-12				e C (B recommended) in German 1
German 3	9-12				e C (B recommended) in German 2
AP German (AP)	9-12	<input checked="" type="checkbox"/>			e C (B recommended) in German 3
Spanish 1	9-12				e C (B recommended) in English (B required for 9th graders)
Spanish 2	9-12				e C (B recommended) in Spanish 1 (or middle school Span 1A + 1B); 'C' in English required
Spanish 3	9-12				e C (B recommended) in Spanish 2 (or middle school Span 2)
Spanish 4 Honors	9-12	<input checked="" type="checkbox"/>			e C in Spanish 3
AP Spanish (AP)	9-12	<input checked="" type="checkbox"/>			e Spanish 4 Recommended; C in Spanish 3 or 4
French 1	9-12				e C in English required
French 2	9-12				e C in French 1
French 3	9-12				e C in French 2
French 4	9-12				e C in French 3
AP French (AP)	9-12	<input checked="" type="checkbox"/>			e French 4 Recommended; C in French 3 or 4

Subject Area: Visual And Performing Arts (VAPA)

Course Title	Grade				Prerequisite
Beginning Dance (NOT PE)	9-12				None - Pending a-g approval
Ceramics 1	9-12				f None
Ceramics 2	10-12				f C in previous level of Ceramics
Ceramics 3, 4	10-12				f C in previous level of Ceramics
Drawing and Painting 1	9-12				f None
Drawing and Painting 2-3	9-12				f C in previous level Drawing and Painting
AP Drawing (AP)	10-12	<input checked="" type="checkbox"/>			f A or B in Drawing & Painting 3 or approval from teacher if only year 2 completed
Digital Art 1	9-12		<input checked="" type="checkbox"/>		f None
Digital Art 2	10-12		<input checked="" type="checkbox"/>		f C in Digital Art 1
AP 2D Art and Design (AP)	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		f A or B in Digital Art 2, 3.0 College Prep GPA
Drama 1	9-12				f None
Drama 2-4	9-12				f C in previous level Drama
Musical Theatre	10-12				Drama 1, Choir, or Participation in a High School Theatre Production
Video Production 1	9-12		<input checked="" type="checkbox"/>		f None
Video Production 2	10-12		<input checked="" type="checkbox"/>		g C in Video Production 1
Intro Tech Theatre	9-12				f none
Technical Theater in Production	10-12				f A or B Recommended in Intro Tech Theater
Guitar	9-12				f None
Advanced Drafting and Architecture	11-12				f 11-12; Architectural Engineering or teacher recommendation
Film as Visual Literature	11-12				f 2.5 college prep GPA
Orchestra	9-12				f 3 years of music experience - private or in public education
Concert Band/Color Guard	9-12				f None
Percussion	9-12				f None; pending a-g approval
Jazz Band	9-12				f Audition only
Advanced Jazz Band	11-12				Audition only, concurrent enrollment in Concert Band or completed 3 years of Concert Band or Orchestra at the high school level (at the director's discretion). Must have at least 1 year of experience in a jazz band ensemble (pending a-g approval)
Jazz Choir	9-12				f Audition only
Concert Choir	9-12				f None
Chamber Choir	9-12				f Audition only

Physical Education

Course Title	Grade				Prerequisite
Fitness 1	9				None
Fitness 2: Team Sports	10-12				Fitness 1
Course 3: Dance	10-12				Fitness 1
Course 3: Weight Training	10-12				Fitness 1
Course 3: Yoga	10-12				Fitness 1
Course 4: Advanced Conditioning (football)	10-12				Fitness 1
Course 4: Sports Specific Training	10-12				Fitness 1
Drivers Education/ Health	9-12				None
Health (1 semester)	11-12				None
Enriched Health Education (yearlong)	9-12			g	None

Career and Technical Education (CTE)

Course Title	Grade				Prerequisite
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Engineering Technology	9-12		<input checked="" type="checkbox"/>	g	Concurrent Enrollment in Integrated Math 1 or higher
Advanced Engineering Technology	10-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	d	"C" in Engineering Design, and concurrent enrollment in Integrated Math 2 or higher
Architectural Engineering	10-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	d	none
Patient Care	11-12		<input checked="" type="checkbox"/>	g	"C" in Integrated Math 1 or higher
Patient Care 2	12		<input checked="" type="checkbox"/>		"C" or higher in Patient Care
Manufacturing and Product Design	9-12		<input checked="" type="checkbox"/>	g	Enrolled in Integrated Math 1 or higher
Adv. Manufacturing and Product Design	10-12		<input checked="" type="checkbox"/>	g	Complete Manufacturing and Product Design with a "C" or better; Concurrent enrollment in Integrated Math 1 or higher; or teacher approval
Honors. Manufacturing and Product Design	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	g	Advanced Manufacturing and Product Design with a "B" or better OR Manufacturing and Product Design with teacher approval
Television Occupations	11-12		<input checked="" type="checkbox"/>		C in Video Production 2
Computer Applications	9-12		<input checked="" type="checkbox"/>		none
Exploring Computer Science	9-12		<input checked="" type="checkbox"/>	g	none
Computer Science and Programming	10-12		<input checked="" type="checkbox"/>	g	C or better in Integrated Math 1 and Exploring Computer Science
AP Computer Science A (AP)	11-12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	c	A or B in Exploring Computer Science AND Computer Science and Programming OR Eng Tech and Adv. Eng with teacher recommendation; 3.0 College GPA

Electives

Course Title	Grade				Prerequisite
Advanced Graphic Communications	10-12		<input checked="" type="checkbox"/>	g	C or better in Digital Art 2
AP Research (AP)	11-12	<input checked="" type="checkbox"/>		g	A or B in AP Seminar, 3.0 College Prep GPA
Yearbook	9-12				2.0 GPA, B in English
Humanities (Academic Decathlon)	9-12			g	None
Speech and Debate 1	9-12			g	None
Speech and Debate 2	10-12			g	C in Speech and Debate 1
ASB Government/Leadership	9-12				must complete application process
Life Skills	11-12				None
Psychology/Sociology	11-12			g	Recommended: 2.5 overall GPA
AP Psychology (AP)	11-12	<input checked="" type="checkbox"/>		g	3.0 College Prep GPA
Ethnic Studies	9-12				None
English Language Development (ELD 1/2)	9/12				None; Recommendation: CELDT exam for English learners
Teacher Assistant	11-12				None; teacher and parent approval
TA Office	11-12				None; office and parent approval
Peer Academic Tutor	11-12				Will need teacher or staff approval.
Open periods (1): 1st or 6th	11-12				Must have completed 120 credits by the beginning of 11th grade; parent approval
Open periods (2): 1st/2nd, 5th/6th, 1st and 6th	12				Must have completed 170 credits by 12th grade 5 period day; 4 period day requires that 180 credits to be complete; parent approval
Definition of Terms:					
Earns weighted grade	Course is given an extra grade point in GPA if the course is completed with a "C" or higher				
Fulfills the 3rd yr of science/CTE graduation requirement	Courses in this category fulfill the FCUSD graduation requirement of "Fine Art/Foreign Language/CTE" or "3rd year science/CTE"				
UC a-g approved course	Courses in this category have been approved by the University of California as College Prep courses that are used to calculate college eligibility				