

Computer Science Pathway

Student Example Schedule	FALL	SPRING
Freshmen	H. English 9 H. Algebra 2 AP Biology H. Spanish 1 AP Computer Science Principles % AP Environmental Science	H. English 9 H. Algebra 2 AP Biology H. Spanish 1 AP Computer Science Principles % AP Environmental Science
Community College Dual Enrollment	* CAOT 032 Business Communications COUNSEL 020 Post-Secondary Education: The Scope of Career Planning	HEALTH 011 Principles of Healthful Living CHICANO 002 The Mexican-American in Contemporary Society
Summer	H. World History Enrichment	
Sophomore	H. English 10 H. Math Analysis / H. Pre-Calc AP Chemistry H. Spanish 2 AP Human Geography Elective	H. English 10 H. Math Analysis / H. Pre-Calc AP Chemistry H. Spanish 2 AP Human Geography Elective
Community College Dual Enrollment	* CO SCI 501 Introduction to Computers and Their Uses COMM 101 Public Speaking	* CO SCI 575 Programming Fundamentals for Computer Science Art 101 Survey of Art History I
Summer	Enrichment	
Junior	AP English Language AP U.S. History AP Calculus ab AP Computer Science A % AP Spanish Elective	AP English Literature AP U.S. History AP Calculus ab AP Computer Science A % AP Spanish Elective

Community College Dual Enrollment	* CO SCI 552 Programming in Java * CO SCI 533 Databases Using Access and SQL	* CO SCI 553 Web Site Development Using HTML and JavaScript.
Summer	CO SCI 547 Digital Image Processing and Programming for the Web CO SCI 555 Advanced Website Development Using JavaScript and AJAX	
Senior	AP English Literature AP Government AP Calculus bc AP Physics Elective Internship	AP English Literature AP Economics AP Calculus bc AP Physics Elective Internship
Community College Dual Enrollment	CO SCI 554 Server-Side Programming for the World Wide Web CO SCI 587 Introduction to Computer Network	ANTH 102 Human Ways of Life: Cultural Anthropology POL SCI 1 The Government of the United States
Summer	CO INFO 581 Personal Computer Upgrade and Repair CO INFO 590 Introduction to Cloud Computing	Electives include visual & performing arts, physical education, and college preparatory course work. Internships provide through community stakeholders partnerships.