



# SDCCD and SDUSD High Schools Information Technology Industry Sector

\*\*\*The recommended pathways below are for informational purposes only. The appropriate Counselor at each institution must be consulted for proper guidance on the recommended pathways.\*\*\*

		GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	Other Required Courses and Other H.S. CTE Electives	CAREER AND TECHNICAL EDUCATION COURSES RECOMMENDED ELECTIVE COURSES COLLEGE - PREP FOR MAJOR COURSES (Choose One Pathway Below)			
<b>4x4 High School</b>	<b>Junior Year - Assess college English and math readiness</b>										
	*Prerequisite courses for College level English/math (i.e. ENG 101/ Math 96) may be necessary depending on assesment level										
	9	English 1,2	Algebra 1,2			Career & Life Management 1,2		Computer Applications in Business 1,2 (TP Credit: SDCCD CBTE 103, CBTE 120 = up to 5 units total)			
	10	English 3,4 or Advanced Eng. 3,4 and AVID	Intermediate Algebra	Biology		World History		ROP Computer Repair	Computer Science 1,2	Virtual Enterprise 1,2	
	11	American Lit. (1 sem.) or AP English (1 year)	Geometry 1,2	Chemistry 1,2	US History			ROP Information Technology and Networking	ROP Software Design		
	12	World Literature or English Lit. (1 sem) or AP English (1 yr.)	Pre-Calculus or Calculus			American Gov. (1 sem.) & Economics (1 sem)		ROP Geographic Information Systems and Global Technology (TP credit: SDCCD GISG 110 = 3 units)	ROP Technology Support Services (TP credit: SDCCD INWT 100 = 4 units)		
<b>City, Mesa, Miramar Colleges</b>	<b>Administer Accuplacer Assessment (Necessary for Math and English Placement at SDCCD)</b>										
	<b><u>SCHEDULE AN APPOINTMENT TO DEVELOP AN EDUCATIONAL PLAN W/ A COLLEGE COUNSELOR UPON ENROLLMENT AT SDCCD</u></b>										
	Certificates of Achievement that do not require completion of general education may also be available. Meet with a college counselor for more information.										
	*Prerequisite courses for College English/math may be necessary depending on assesment level							Associate Degrees (AA/AS) applicable to the Information Support and Services career pathway above (60 units req.)			
	Year 1 Semester 1	Ex: English 101 *	Ex: Math 96 *				PE	Up to 12 units can be earned in high school for CBTE 103, CBTE 120, and INWT 100, GISG 110			
	Year 1 Semester 2	Ex: Speech 103			Ex: Physical Science 100		Ex: Music 109				
Year 2 Semester 1	Ex: English 205			Ex: Biology 100/101	Ex: Hist 109	PE	Associate Degree: Administrative Assistant; Geographic Information Systems				
Year 2 Semester 2					Ex: Hist 110	Ex: ANTH 103					
For information on <u>transfer to the university</u> : 1) meet with your SDCCD Counselor for proper ed planning 2) complete admission requirements 3) submit university application during published filing periods											

<b>Required Courses/General Ed.</b>	<b>Recommended Electives</b>	<b>Career Technical Education Courses</b>
<b>Career Technical Education Courses apply to SDCCD AA/AS Degrees</b>		
<b>•Available through Tech Prep (TP) articulation, credit by exam and/or dual Enrollment</b>		
<b>Mandatory Assessments, Advising, and Additional Preparation</b>		

\* Check with your counselor to verify which SDCCD campus offers your AA/AS degree