



# SDCCD and SDUSD High Schools

## Energy and Utilities Services 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	<b>CAREER AND TECHNICAL EDUCATION COURSES RECOMMENDED ELECTIVE COURSES COLLEGE - PREP FOR MAJOR COURSES (Choose One Pathway Below)</b>
							Residential and Commerical Energy Career Pathway
4x4 High School	9	English 1,2	Algebra 1,2	Physics 1,2	Career & Life Management 1,2	Electronics Technology 1,2; Exploring Technology	Computer Applications in Business 1,2 (TP Credit: CBTE 103, CBTE 120=up to 5 units total)
	10	English 3,4 or Advanced Eng. 3,4 and AVID	Intermediate Algebra	Biology 1,2	World History	Tech Core 1,2	Construction Technology 1,2
	11	American Lit. (1 sem.) or AP English (1 year)	Geometry 1,2	Chemistry 1,2	US History		Drafting Technology 1,2; Construction, General (ROP)
	Junior Year - Assess college English and math readiness						
	*Prerequisite courses for College level English/math (i.e. ENG 101/ Math 96) may be necessary depending on assesment level						
12	World Literature or English Lit. (1 sem) or AP English (1 yr.)	Pre-Calculus or Calculus		American Gov. (1 sem.) & Economics (1 sem)		Computer Aided Drafting (ROP) (TP Credit: ARCH 100, ARCH 105= up to 4 units total)	
City, Mesa, Miramar Colleges	Administer Accuplacer Assessment (Necessary for Math and English Placement at SDCCD)						
	<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 Residential and Commercial Energy and Utilities career pathway above (60 units req.)
	Year 1 Semester 1	Ex: English 101 *	Ex: Math 96 *			PE	Up to 9 units can be earned in high school for CBTE 103, CBTE 120, ARCH 100, ARCH 105
	Year 1 Semester 2	Ex: Speech 103		Ex: Physical Science 100		Ex: Music 109	Associate Degree: Architecture Survey; Architecture Technician; Architecture Transfer; Construction Management; Landscape Architecture Technician; Landscape Architecture Transfer; Woodbury University Transfer
Year 2 Semester 1	Ex: English 205		Ex: Biology 100/101	Ex: Hist 109	PE		
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>
Career Technical Education Courses apply to SDCCD AA/AS Degrees		
Available through Tech Prep (TP) articulation, credit by exam and/or dual Enrollment		
Mandatory Assessments, Advising, and Additional Preparation		

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