

HIGH SCHOOL-TO-COLLEGE PATHWAY

PATHWAY: ENGINEERING DESIGN TECHNOLOGY							CERTIFICATE
HIGH SCHOOL PLAN							
SECONDARY	GRADE	English	Math	Science	Social Studies	Required Courses or Recommended CTE Electives	Career and Technical Courses
	9	English I	Math I	Earth Science	World History	Health/PE	Microsoft Word & PowerPoint Technology Engineering & Design
	10	English II	Math II	Biology	Civics & Economics	Technological Design	DFT 111 Tech Drafting I DFT 111A Tech Drafting I Lab
	11	English III	Math III	Physics	US History I	CIS 110 Intro to Computers DFT 152 CAD II	DFT 151 CAD I
	12	English IV	4 th Math Course	Elective	US History II	DFT 154 Intro to Solid Modeling	MEC 111 Machine Processes I
COMMUNITY COLLEGE PLAN							
Year 13							
Fall Semester	DFT 111 Tech Drafting I	DFT 111A Tech Drafting I Lab	DFT 151 CAD I	CIS 110 Intro to Computers			
Spring Semester	DFT 152 CAD II	DFT 154 Intro to Solid Modeling	MEC 111 Machine Processes I				

REQUIRED CREDIT HOURS FOR CERTIFICATE: 18

HOURS REMAINING TO COMPLETE DIPLOMA: 0

RED ARTICULATED CREDIT: 0 HOURS

Yellow Recommended CTE: 18 HOURS

OCCUPATIONS: Mechanical Drafter, Designer, CAD Designer, Project Designer.

AVERAGE SALARY: \$51,520 in 2014

Upon completion of the pathway, the students will be awarded an **Engineering Design Certificate** from SCC