

HIGH SCHOOL-TO-COLLEGE PATHWAY

PATHWAY: WELDING TECHNOLOGY							DIPLOMA
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 Technology Engineering & Design	Microsoft Word & PowerPoint
	10	English II	Math II	Biology	Civics & Economics	Technological Design	
	11	English III	Math III	Physics	US History I	WLD 110 Cutting Processes	WLD 115 SMAW (STICK) Plate
	12	English IV	4 th Math Course	Elective	US History II	WLD 141 Symbols & Specifications	WLD 121 GMAW (MIG) FCAW/Plate WLD 131 GTAW (TIG) Plate
COMMUNITY COLLEGE PLAN							
Year 13							
Fall Semester	MAT 110 Math Measurement	WLD 110 Cutting Processes		WLD 115 SMAW (STICK) Plate	WLD 121 GMAW (MIG) FCAW/Plate	WLD 141 Symbols & Specifications	
Spring Semester	ENG 101 App. Comm. I OR ENG 111 Writing/Inq.	MEC 110 Introduction to CAD/CAM	MEC 111 Machine Processes	WLD 116 SMAW (STICK) Plate/Pipe		WLD 131 GTAW (TIG) Plate	
Summer Semester	WLD 143 Welding Metallurgy			WLD 261 Certification Practices or WBL 111 Work-Based Learning		WLD 265 Auto Welding/Cutting	

REQUIRED CREDIT HOURS FOR DIPLOMA: 41

HOURS REMAINING TO COMPLETE DIPLOMA: 23

RED ARTICULATED CREDIT: 0 HOURS

Yellow Recommended CTE: 18 HOURS

OCCUPATIONS: Entry Level technicians for welding or metalworking industries.

AVERAGE SALARY: \$36,720 in 2014

Upon completion of the pathway, the students will be awarded a **Welding Technology Certificate** from SCC.