

## HIGH SCHOOL-TO-COLLEGE PATHWAY

PATHWAY: <b>WELDING TECHNOLOGY</b>							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	Core & Sustainable Construction
						*Career Mgmt./Personal Finance/PLTW	
	10	English II	Math II	Biology	Civics & Economics	Carpentry I	Carpentry II
						Drafting I	
11	English III	Math III	Physical Science	American History I	WLD 110 Cutting Processes	WLD 143 Welding Metallurgy	
					Internship/Apprenticeship		
12	English IV	4 <sup>th</sup> Math Course		American History II	WLD 141 Symbols & Specifications	WLD 121 GMAW (MIG) FCAW/Plate	
						WLD 131 GTAW (TIG) Plate	
COMMUNITY COLLEGE PLAN							
Year 13							
POSTSECONDARY	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	WLD 151AB Fabrication I
	Summer Semester	WLD 143 Welding Metallurgy	ISC 112 Industrial Safety	WLD 261 Certification Practices or WBL 112 Work-Based Learning	WLD 265 Auto Welding/Cutting	WLD 151BB Fabrication I	

**REQUIRED CREDIT HOURS FOR DIPLOMA: 47**

**HOURS REMAINING TO COMPLETE DIPLOMA: 29**

**RED ARTICULATED CREDIT: 0 HOURS**

**Yellow Recommended CTE: 18 HOURS**

**OCCUPATIONS:** Entry Level technicians for welding or metalworking industries.

**AVERAGE SALARY:** \$36,720

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