

## 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 *Career Mgmt./Personal Finance/ PLTW	Core & Sustainable Construction	
	10	English II	Math II	Biology	Civics & Economics	Carpentry I Drafting I	Carpentry II	
	11	English III	Math III	Physical Science	American History I	WLD 110 Cutting Processes Internship/Apprenticeship	WLD 115 SMAW (STICK) Plate	
	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								
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 Certificate** from SCC.