



YADKIN COUNTY SCHOOLS  
**HIGH SCHOOL-TO-COLLEGE PATHWAY**  
LEARN TODAY, LEAD TOMORROW



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 Management
						Agricultural Mechanics I	Elective
	10	English II	Math II	Biology	Civics & Economics	Principles of Business and Finance	Agricultural Mechanics II
						Elective	Elective
	11	English III	Math III	Physics	US History I	WLD 110 Cutting Processes	WLD 115 SMAW (STICK) Plate
12	English IV	4 <sup>th</sup> Math Course	Elective	US History II	WLD 141 Symbols & Specifications	WLD 121 GMAW (MIG) FCAW/Plate	
						WLD 131 GTAW (TIG) Plate	
COMMUNITY COLLEGE PLAN							
POSTSECONDARY	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

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