

## HIGH SCHOOL-TO-COLLEGE PATHWAY

PATHWAY: <b>INDUSTRIAL SYSTEMS TECHNOLOGY</b>							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 *Career Management/Personal Finance/PLTW	Microsoft Word/PPT
	10	English II	Math II	Biology	Civics & Economics	Microsoft Excel	
	11	English III	Math III	Physics	US History I	Internship/Apprenticeship	ELC 112 DC/AC Electricity ELC 125 Diagrams & Schematics
	12	English IV	4 <sup>th</sup> Math Course		US History II	WLD 112 Basic Welding Processes MEC 111 Machine Processes I	ISC 112 Industrial Safety MNT 110 Intro to Maint Procedures
	COMMUNITY COLLEGE PLAN						
Year 13							
Fall Semester	ELC 112 DC/AC Electricity			ELC 125 Diagrams & Schematics		WLD 112 Basic Welding Processes	
Spring Semester	ISC 112 Industrial Safety			MEC 111 Machine Processes I		MNT 110 Intro to Maint Procedures	

**REQUIRED CREDIT HOURS FOR CERTIFICATE: 18**  
**HOURS REMAINING TO COMPLETE DEGREE: 0**  
**RED ARTICULATED CREDIT: 0 HOURS**  
**Yellow Recommended CTE: 18 HOURS**

**OCCUPATIONS:** Asset Management; Materials Planner/Production Planner; Planner/Scheduler; Production Control Supervisor; Quality Management Coordinator  
**AVERAGE SALARY:** \$36,290

Upon completion of the pathway, the students will be awarded a **Certificate in Industrial Systems** from SCC.