

PATHWAY: <b>ELECTRONICS ENGINEERING TECHNOLOGY</b>							ASSOCIATE OF APPLIED SCIENCE DEGREE	
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	Microsoft Word/PP	
	10	English II	Math II	Biology	Civics & Economics	Technology, Engineering & Design	Microsoft Excel/Access	
	11	English III	Math III	Physics	US History I	ELC 125 Diagrams & Schematics	ELC 131 Circuit Analysis I ELC 131A Circuit Analysis I Lab	
	12	English IV	4 <sup>th</sup> Math Course	e-Commerce I	US History II	ELN 131 Analog Electronics I	ELN 133 Digital Electronics ISC 112 Industrial Safety	
COMMUNITY COLLEGE PLAN								
Year 13								
Fall Semester	ACA 111 College Student Success	CIS 111 Basic PC Literacy	ELC 125 Diagrams & Schematics	ELC 131 Circuit Analysis I	ELC 131A Circuit Analysis I Lab	ENG 111 Writing & Inquiry	MAT 121 Algebra & Trigonometry I	
Spring Semester	ELN 131 Analog Electronics I	ELN 133 Digital Electronics	ENG 114 Prof. Research & Reporting	MAT 122 Algebra/Trigonometry II		PHY 131 Physics Mechanics		
Summer Semester	ELC 117 Motors & Controls			ISC 112 Industrial Safety		Social Science Elective		
Year 14								
Fall Semester	ELC 128 Introduction to PLC		ELN 132 Linear IC Applications		ELN 232 Intro to Microprocessors		ELN 275 Troubleshooting	
Spring Semester	ATR 280 Robotic Fundamentals	ELC 228 PLC Applications	ELN 152 Fabrication Techniques		ELN 246 Cert. Elect. Tech. Prep.		Humanities/Fine Arts Elective	

**REQUIRED CREDIT HOURS FOR DEGREE: 72**

**HOURS REMAINING TO COMPLETE DEGREE: 53**

**RED ARTICULATED CREDIT: 2 HOURS**

**Yellow Recommended CTE: 17 HOURS**

**OCCUPATIONS:** Digital Technician, Electronics Engineering Technician, Electronics Technician, Failure Analysis Technician, Refurbish Technician, Test Technician.

**AVERAGE SALARY:** \$58,540

Upon completion of the pathway, the students will be awarded an **Electronics Engineering Certificate** from SCC