



PATHWAY: ELECTRONICS ENGINEERING TECHNOLOGY							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
						Career Mgmt.		Microsoft Excel/Access
	10	English II	Math II	Biology	Civics & Economics	Principles of Business and Finance		Electronics I
						Electronics II		ELC 131A Circuit Analysis I Lab
	11	English III	Math III	Physics	US History I	ELC 125 Diagrams & Schematics		ELN 133 Digital Electronics
12	English IV	4 th Math Course	Elective	US History II	ELN 131 Analog Electronics I		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: 6 HOURS

Yellow Recommended CTE: 13 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