



ENGINEERING TECHNOLOGY (A.A.S.)
SPECIALIZATION: ELECTRONICS

PROGRAM DESCRIPTION:

The Engineering Technology Associate in Applied Science degree program prepares students for employment or provides additional training for persons employed in manufacturing and high technology industries. SCF offers the Electronics specialization. The 18 credit hour technical core is aligned with the Manufacturing Skills Standard Council's (MSSC) skills standards. *After completing this core students will be prepared to take the Manufacturing Skills Standards Council (MSSC) assessments for the Certified Production Technician (CPT) certification.*

ASSOCIATE IN APPLIED SCIENCE DEGREE

GENERAL EDUCATION and ENGINEERING TECHNOLOGY CORE COURSES			
GENERAL EDUCATION (18 credits)	Cr.	ENGINEERING TECHNOLOGY CORE (18 credits)	Cr.
ENC 1101 Written Communication I	3	CAD ETD 1320C Intro to AutoCAD	3
Humanities Requirement	3	ELECTRONICS EET 1184 Introduction to Electronics	3
MTB 1321 Technical Mathematics	3	MEASUREMENT ETI 1130C Instrumentation	3
Behavioral Science Requirement	3	PROCESSES ETI 2411C Manufacturing Processes	3
CGS 1000 Computer Information Sys.	3	QUALITY ETI 1110 Quality	3
PHI 2600 Applied Ethics	3	SAFETY ETI 1701 Industrial Safety	3
Specialized Track Courses			
ELECTRONICS (27-30 credits)	Cr.		Cr.
EET 1033C Fundamentals of DC/AC Circuits	4	CET 1127C Digital/Microprocessors II	4
EET 1141C Electronic Devices & Circuits I	4	CET 1600 Network Fundamentals	3
EET 2141C Electronic Devices & Circuits II	4	COP 2510 Programming Concepts	3
CET 1117C Digital/Microprocessors I	4	ETD 2949 Internship	1-3

