

# Portland Community College

# High School

PCC	UNI							
		<b>FIRST TERM</b>	EET 101 Intro to Electronic Testing Equipment/Soldering/Tools	EET 111 Electrical Circuit Analysis I	EET 121 Digital Systems 1	EET 188 Industrial Safety	MTH 111 College Algebra	
		<b>SECOND TERM</b>	EET 112 Electrical Circuit Analysis II	EET 122 Digital Systems 2: Computing Systems	MTH 112 Elementary Functions			
		<b>THIRD TERM</b>	EET 113 Electrical Power	EET 123 Digital Systems: Mixed-Signal Systems	EET 178 Comuting Environments for Technicians			
		<b>FOURTH TERM</b>	EET 221 Semiconductor Devices and Circuits	EET 242 Microcontroller and Embedded Systems	PHY 201 General Physics			
		<b>FIFTH TERM</b>	EET 222 Operational Amplifier Circuits	EET 241 Programming for Electronics	EET 254 Electronic Engineering Technology Seminar	PHY 202 General Physics		
		<b>SIXTH TERM</b>	EET 223 RF Communications Circuits	EET 256 Capstone Project or EET 280A Internship	EET 272 Motors and Motor Controls	EET273 Electronic Control Systems	PHY 203 General Physics	
		<b>SEVENTH TERM</b>						

**Associate of Applied Science**

Minimum 96 credits

Graduates of an Associate of Applied Science Degree program in EET are called electronic engineering technicians and find employment in circuits and systems testing, product development, prototype construction and testing, circuit and systems medication, systems operation and manufacturing. EET graduates are expected to have good communication skills and be capable of creative problem solving, working independently and in teams. They should have extensive knowledge of both the hardware and software of electronic systems. Students must also meet Associate Degree Comprehensive Requirements and Associate of Applied Science Requirements. Students must complete a total of sixteen credits of General Education. Some courses specified within the program may be used as General Education. Math/computation competency is met through the math course(s) required in the program of study. Students should consult with program advisors for course planning.