

Electronic Engineering Technology

A.A.S. Degree

www.pcc.edu/programs/electronic-engineering

(Portland Community College 2019-2020 Catalog)

Location: Portland Community College, Sylvania Campus, Engineering Department, ST 200

Program prerequisites:

- Placement in MTH 111 and completion of WR 121 - needed to start first year courses
- Basic computer skills in the Windows operating system, email, internet research, word processing and spreadsheets

Program Total Credits Required:

99

First Term (EET courses offered F/W)	Credits	Fourth Term (EET courses offered Fall)	Credits
EET 101A Electronic Lab Skills and Equipment 1	1	EET 221 Semiconductor Devices and Circuits	5
EET 111 Electrical Circuit Analysis I	5	EET 242 Microcontroller and Embedded Sys	4
EET 188 Industrial Safety	1	EET 252 Electromechanical Systems Fund	2
EET 121 Digital Systems 1	4	General Education: Arts&Letters	3
Math 111 College Algebra	5	EET 254 EET Seminar	1
Total	16	Total	15

Second Term (EET courses offered W/Sp)	Credits	Fifth Term (EET courses offered Winter)	Credits
EET 112 Electrical Circuit Analysis II	5	EET 222 Operational Amplifier Circuits	5
EET 122 Digital Systems 2: Computing Systems	5	EET 263 Electronic Control Systems 1	2
Math 112 Elementary Function	5	EET 241 Programming for Electronics	4
EET 101B Electronic Lab Skills and Equipment 2	1	EET Electives	4
		EET 256A Capstone Project 1 OR	2
		EET 280A Cooperative Education: EET	
Total	16	Total	17

Third Term (EET courses offered Sp/Su)	Credits	Sixth Term (EET courses offered Spring)	Credits
EET 113 Electrical Power	5	EET 223 RF Communications Circuits	5
EET 123 Digital Sys 3: Mixed-Signal Systems	5	EET 273 Electronic Control Systems 2	3
EET 178 Computing Environments for Techs	5	EET 272 Motors and Motors Control	3
General Education: Social Science	3	EET Electives	4
		EET 256B Capstone Project 2 OR	2
		EET 280B Cooperative Education: EET	
Total	18	Total	17

EET Electives : Physics and Business/Leadership/Ethics electives

Physics electives:

PHY 211/212/213 (5 cr each) - for OIT transfer

Business/Leadership/Ethics electives:

BA 101 Intro to Business	4	MSD 121 Leadership Skill Development	3
BA 236 Project Management and Branding	4	MSD 113 Influence Without Authority	1
BA 223 Principle of Marketing	4	MSD 279 Project Management - Intro	4
BA 255 Project Management (Bus Enviro)	4	MSD 138 B Expl 7 Habits High Effective Peopl	1
BA 250 Small Business Management	3	MSD 116 Creative Thinking/Innovative Change	1
BA150 Intro to Entrepreneurship	4	MSD 177 Team Building	1
BA 205 - Business Communication	4	HUM 221 Leadership Development	4
BA 277 Business Practices and Cont Issues	4	PHL 206 Ethics	4
MSD 157 Conflict Management	1	PHL 209 Business Ethics	4

Please see second page for EET department advising areas