

Electronic Engineering Technology

A.A.S. Degree

www.pcc.edu/programs/electronic-engineering

(Portland Community College 2018-2019 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:

100

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	3
EET 121 Digital Systems 1	4	General Education: Arts&Letters	3
Math 111 College Algebra	5	EET 254 EET Seminar	1
Total	16	Total	16

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

EET Department Advising

Name Title	Contact Information @pcc.edu	Area of Advising
Sanda Williams, EET Faculty Department Chair	sanda.williams@pcc.edu 971-722-4527	Credit transfer evaluations (foreign and domestic) Course substitution Course Challenge Non Traditional credit evaluation (military, industrial training, etc.) Course schedule issues Any other EET department affairs
Linda Browning, Student Advisor, Engineering Technology	linda.browning@pcc.edu 971-722-8730	Student resource advising Course prerequisites overrides when meeting the prereqs Class capacity overrides after class capacity increase has been approved by the department chair If Linda is not available contact the course instructor and if none are available contact the department chair
George Knox, Co-op education coordinator, Jobs & Internship assistance specialist	gknox@pcc.edu 971-722-4475	Co-op course preparation (EET 280A and EET 280C) - Info about the EET 280C here: http://spot.pcc.edu/jobs/bmet/ Co-op Information Sessions Jobs and internships assistance
Chuck Fenning, EET PT Faculty (Biomed classes instructor – EET 260/261/280C)	chuck.fenning	Biomed co-op instructor (EET 280C) and Biomed Instructor for EET 260/261
EET Course Instructors	www.pcc.edu/programs/electronic-engineering/faculty.html	Course related issues/questions Course prerequisites overrides Class capacity overrides after class capacity increase has been approved by the department chair. If the course instructors are not available contact Linda. If none are available contact the department chair.