

Biomedical Engineering Technology - EET Option

A.A.S. Degree

www.pcc.edu/programs/electronic-engineering

(Portland Community College 2018-2019 Catalog)

Location: Portland Community College, Sylvania Campus 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
- MP 111 Medical Terminology or any 3-4 credit medical terminology course
- BI 120 or BI 121/122 Anatomy and Physiology I and II or BI 231/232/233 Anatomy Physiology I, II, III*
*(needed for the fall term of the second year)

Program Total Credits Required: 106

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
General Education:Social Science	3	EET 252 Electromechanical Systems Fund	3
EET 121 Digital Systems 1	4	EET 260 Biomedical Equipment I	4
Math 111 College Algebra	5	EET 254 EET Seminar	1
Total	18	Total	17
Second Term (EET courses offered W/Spr)	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 280C CE: BMET Practicum	5
Math 112 Elementary Functions	5	EET 261 Biomedical Equipment II	4
EET 188 Industrial Safety	1	CIS 179 Data Comm Concepts I	4
EET 101 B Electronic Lab Skills and Equipment 2	1		
Total	17	Total	18
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 280C CE: BMET Practicum	6
General Education:Arts & Letters	3	CIS 278 Data Comm Concepts II	4
Total	18	Total	18

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.