

Biomedical Engineering Technology - EET Option

A.A.S. Degree

www.pcc.edu/programs/electronic-engineering

(Portland Community College 2019-2020 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: 105

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	2
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	16
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 OR	4
		EET 241 (4cr)	
Total	18	Total	18

ATTN: EET 280C is not offered during evening or weekend. EET 178 is offered on Saturday during summer

Please see second page for EET department advising areas