

Biomedical Engineering Technology EET Option:

Program prerequisites: Placement in WR 121 and MTH 95;

MP 111 Medical Terminology or any 3-4 credit medical terminology course

BI 121/122 Anatomy and Physiology I and II or BI 231/232/233 Anatomy Physiology I, II, III

Basic computer skills in the Windows™ operating system, email and internet research skills, word processing and spreadsheets are required. All students must have an

advising interview with an EET advisor.

Total credits required: 105

Do not meet all these prerequisites but still want to start this option? You can start taking electronics classes that are part of the BMET option and switch your major to Biomedical Engineering Technology later.

First Term

EET 101 Intro to Electronic Tech	1
EET 111 Electric Circuit Analysis I	5
EET 121 Digital Systems I	3
MTH 111B or C College Algebra	5
General Ed: Arts & Letters	4

Total Credits 18

Fourth Term

EET 221 Semiconductor Devices	5
EET 241 Microcomputer Systems	4
EET 260 Biomedical Equipment I	4
Prerequisites: MP 111, BI 122, EET 113, EET 123	
General Ed: Social Sciences	4

Total Credits 17

Second Term

EET 112 Electric Circuit Analysis II	5
EET 122 Digital Systems II	3
EET 188 Industrial Safety	1
CIS 179 Data Comm Concepts I	4
MTH 112 Elementary Functions	5

Total Credits 18

Fifth Term

EET 222 Op - Amp Circuits	5
EET 242 Microcontroller Systems	4
EET 254 Seminar	1
EET 261 Biomedical Equipment II	4
EET 280C CE: BMET Practicum	4-11

Prerequisites: EET 260, EET 261. Day course only.

EET 280C can be completed over two terms -- winter, spring, summer, or fall terms. (11 credits required, 330 hours)

Total Credits 17

Third Term

EET 113 Electric Circuit Analysis III	5
EET 123 Digital Systems III	5
EET 178 PC Architecture for Techs	4
CS 133U/ Intro to C <u>or</u>	4
CS 161 Computer Science I	

Total Credits 18

Sixth Term

EET 223 RF Communications Circuits	5
EET 255 Industrial Control Systems	4

Total Credits 9

CS 161 is required by OIT