

**TYPICAL SEMESTER-BY-SEMESTER PROGRESSION
ELECTRONICS ENGINEERING TECHNOLOGY
Biomedical Concentration (141B)**

1st YEAR

Fall 1 st Semester	Sem Hrs.	Spring 2 nd Semester	Sem Hrs.
EET 1300 Electrical Principles I	3	EET 1320 Electrical Principles II	3
EET 1301 Electrical Principles I Lab	1	EET 1321 Electrical Principles II Lab	1
EET 1311 Electronic Fab Lab	1	EET 1330 Digital Electronics I	3
IET 1700 Intro. to Engr. Tech.	1	EET 1331 Digital Electronics I Lab	1
ENGL 1010	3	IET 1400 Technical Drafting I	3
MATH 1810 Algebra & Trigonometry	6	MATH 2020 Calculus	6
UNIV 1000	1		
Total	16	Total	17

2nd YEAR

Fall 1 st Semester	Sem Hrs.	Spring 2 nd Semester	Sem Hrs.
BIOL 2250 Anatomy & Physiology I	3	BIOL 2260 Anatomy & Physiology II	3
BIOL 2251 Anatomy & Physiology I Lab	1	BIOL 2261 Anatomy & Physiology II Lab	1
EET 2320 ¹ Basic Electronics	3	EET 2330 ² Electronic Motor Controls	3
EET 2321 ¹ Basic Electronics Lab	1	EET 2331 ² Electronics Motor Control Lab	1
ENGL 1020	3	EET 3310 ² Digital Electronics II	3
PHYS 2030 General Physics I	3	EET 3311 ² Digital Electronics II Lab	1
PHYS 2031 General Physics I Lab	1	EET 3340 ² Advanced Electronics	3
		EET 3341 ² Advanced Electronics Lab	1
Total	15	Total	16

3rd YEAR

Fall 1 st Semester	Sem Hrs.	Spring 2 nd Semester	Sem Hrs.
EET 3360 ¹ Instruments & Control	3	EET 4300 ² Microprocessor Fundamentals	3
EET 3361 ¹ Instruments & Control Lab	1	EET 4301 ² Microprocessors Fundamentals Lab	1
BMET 3320 ¹ Digital Signal Processing	3	BMET 3370 ² Biomedical Instrumentation	3
BMET 3321 ¹ Digital Signal Processing Lab	1	BMET 3371 ² Biomedical Instrumentation Lab	1
CHEM 1070 ³	3	EET 4390 ² Digital Communications	3
CSC 1060 or IET 1080 Programming for ET	3	ENGL 3230 or 3190 Technical Composition	3
ENGL 2110	3		
Total	17	Total	14

4th YEAR

Fall 1 st Semester	Sem Hrs.	Spring 2 nd Semester	Sem Hrs.
EET 4940 Project Design I	3	BMET 4950 Biomedical Internship	4
IET 3740 Supervision in Organizations	3		
ECON 2000 Economics	3	FA 1040 Fine Arts	3
History ⁴	3	COMM 1010 Communications	3
		Behavioral Sci. ⁵	3
Total	12	Total	13

¹ Typically offered during the fall semester only

² Typically offered during the spring semester only

³ BMET concentration must take this Chemistry not CHEM 1030

⁴ Students can choose either HIST 1010 or 1020 or 2010 or 2020

⁵ Students can choose either EPSY 2020 or PSYC 1010 or 2050 or SOC 1010

Important Notes:

- I. Prerequisites and corequisites for each course are listed in the general catalog.
- II. EET 4940 and BMET 4950 or IET 4960 are taken during the last two semesters before graduation.

DEGREE PROGRESSION SHEET
ELECTRONICS ENGINEERING TECHNOLOGY, Biomedical Concentration (141B)

Name: _____

ID# _____

Advisor: _____

University Core	Hrs.	Grade	Semester Offered	Major requirements in Electronics Engineering Technology	Hrs.	Grade	Semester Offered
ENGLISH				EET 1300	3		FA/SP
ENGL 1010	3		FA/SP	EET 1301	1		FA/SP
ENGL 1020	3		FA/SP	EET 1311	1		FA
MATHEMATICS				EET 1320	3		FA/SP
MATH 1810	6		FA/SP	EET 1321	1		FA/SP
NATURAL SCIENCES				EET 1330	3		FA/SP
Physical Sciences				EET 1331	1		FA/SP
CHEM 1070	3		FA/SP	EET 2320/2321	3+1		FA
PHYS 2030	3		FA/SM	EET 2330/2331	3+1		SP
PHYS 2031	1		FA/SM	EET 3310	3		SP
			SP/SM	EET 3340	3		SP
			SP/SM	EET 3341	1		SP
HUMANITIES				EET 3360	3		FA
Introduction to literature				EET 3361	1		FA
ENGL 2110	3		FA/SP	EET 4300	3		SP
History				EET 4301	1		SP
HIST 1010 or 1020 or 2010 or 2020	3		FA/SP	EET 4390	3		SP
Communication				EET 4940	3		FA/SP
COMM 1010	3		FA/SP	IET 1400	3		FA/SP
FINE ARTS				IET 1700	1		FA/SP
FA 1040	3		FA/SP	IET 3740	3		FA/SP
SOCIAL SCIENCE							
ECON 2000	3		FA/SP				
BEHAVIORAL SCIENCE				CONCENTRATION AREA			
EPSY 2020 or PSYC 1010 or 2050 or SOC 1010	3		FA/SP	BMET 3320	3		FA
				BMET 3321	1		FA
SUPPORT COURSES	3		FA/SP	BMET 3370	3		SP
CSC 1060 or IET 1080	3		FA/SP	BMET 3371	1		SP
ENGL 3230 or ENGL 3190	3		FA/SP	BMET 4950	3		FA/SP
MATH 2020	6		FA/SP	BIOL 2250	3		FA/SP
UNIV 1000	1		FA/SP	BIOL 2251	1		FA/SP
				BIOL 2260	3		FA/SP
				BIOL 2261	1		FA/SP
Total hours for degree: 120							