

Name _____

ID # _____

**2018-2019 ELECTRONICS ENGINEERING TECHNOLOGY –
Biomedical Engineering Technology Option (EET1)
Associate of Applied Science Degree
Education Plan**

Placement Classes

English (COM)

095 097 101 110 TRANSFER

Mathematics (MAT)

051 071 115 TRANSFER

Reading (COM)

050 070 N/A

CORE CURRICULUM

Grade	Semester	Course #	Course Name	Cr Hr
_____	_____	COM 211	Technical Writing	3
_____	_____	EET 125	Digital Electronics w/Lab	4
_____	_____	EET 126	DC/AC Circuit Analysis	6
_____	_____	EET 127	DC/AC Circuit Analysis Lab	2
_____	_____	EET 131	Semiconductor Devices and Analog Circuits Lab	2
_____	_____	EET 132	Semiconductor Devices and Analog Circuits	3
_____	_____	EET 140	Microcomputer Hardware, Operation and Repair	4
_____	_____	EET 210	Electronic Controls with Lab	5
_____	_____	EET 238	Electronic Telecommunications with Lab	3
_____	_____	MAT 121	Trigonometry	3
_____	_____	NST 131	Routing and Switching Essentials	3
SUB-TOTAL				38

PROGRAM REQUIREMENTS

_____	_____	ASC 110	Medical Terminology	1
_____	_____	EET 105	Applied Human Anatomy and Physiology	3
_____	_____	EET 225	Diagnostic Imaging	3
_____	_____	EET 226	Biomedical Instrumentation Systems	4
_____	_____	EET 227	Biomedical Instrumentation Systems Lab or EET 170 Biomedical Eng. Tech. Internship	2-4
SUB-TOTAL				13-15

GENERAL EDUCATION REQUIREMENTS

_____	_____	COM 101	English Composition or COM 110 Honors Composition	3
_____	_____	COM 111	Oral Communications or COM 121 Public Speaking	3
_____	_____	MAT 115	College Algebra	3
_____	_____	NST 101	Network Fundamentals	3
_____	_____	PHY 101	College Physics	4
_____	_____	PHY 102	College Physics Lab	
_____	_____	PSC 101	American Government or HST 105 Am. History to 1877 or HST 110 Am. History from 1877	3
SUB-TOTAL				19

GRADUATION REQUIREMENTS

_____	_____	COM 125	Job Search Strategies	1
SUB-TOTAL				1
PROGRAM TOTAL				71-73

Pre-requisite Classes - if applicable

_____	_____	COM 050	Reading Fundamentals	_____	_____	COM 070	College Reading Preparation
_____	_____	COM 095	Basic Writing	_____	_____	COM 097	Intermediate Writing
_____	_____	MAT 051	Introductory Algebra	_____	_____	MAT 071	Intermediate Algebra

I understand this education plan is the list of courses (not including pre-requisite courses) I must pass in order to earn the degree/certificate I'm pursuing. It is my responsibility, with the assistance of my advisor, to ensure I have enrolled in and appropriately passed all courses required for graduation. Any degree exceptions will be agreed upon by my Department Chair, the Dean or Associate Dean of Instruction, and me and submitted to the Registrar on the Degree Exception form. I am responsible for knowing the graduation requirements for my program as they are listed in the catalog.

Student Signature / Date: _____ **Advisor Signature / Date:** _____

The signed original of this form should be submitted to the Academic Records Office upon initial enrollment, and copies should be kept by the student and advisor.

Sample Course of Study for the
 Electronics Engineering Technology - Biomedical Engineering Technology Option
 Associate of Applied Science Degree

<u>1st Fall Semester</u>		<u>20 hours</u>
ASC 110	Medical Terminology	1
COM 101	English Composition	3
EET 126	DC/AC Circuit Analysis	6
EET 127	DC/AC Circuit Analysis Lab	2
EET 140	Microcomputer Hardware, Operation and Repair	4
MAT 051*	Introductory Algebra or MAT 071*	4

<u>1st Spring Semester</u>		<u>21-22 hours</u>
EET 105	Applied Human Anatomy & Physiology	3
EET 125	Digital Electronics w/Lab	4
EET 131	Semiconductor Devices and Analog Circuits Lab	2
EET 132	Semiconductor Devices and Analog Circuits	3
MAT 071*	Intermediate Algebra or MAT 115	3-4
MAT 121	Trigonometry	3
NST 101	Network Fundamentals	3

<u>2nd Fall Semester</u>		<u>15-18 hours</u>
COM 111	Oral Communications	3
COM 125	Job Search Strategies	1
EET 210	Electronic Controls with Lab	5
EET 225	Diagnostic Imaging	3
MAT 115	College Algebra (if not taken earlier)	(3)
NST 131	Routing and Switching Essentials	3

<u>2nd Spring Semester</u>		<u>19 hours</u>
COM 211	Technical Writing	3
EET 226	Biomedical Instrumentation Systems	4
EET 227	Biomedical Instrumentation Systems Lab	2
EET 238	Electronic Telecommunications with Lab	3
PHY 101	College Physics	4
PHY 102	College Physics Lab	0
Social Science General Education Requirement		3

*You may test into a higher math class based on your placement score.

Please read the course descriptions in our catalog on the State Tech website to check for additional pre-requisites for these classes.

You should apply for graduation during your 2nd Fall semester of classes.