

# ENGINEERING TECHNOLOGY - ELECTRONICS TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

## Course Sequence Guide

Course	Title	Credits	
<b>Year 1</b>			
<b>Fall</b>			
ENG 111	English Composition	4	CIT 195 Application Development 3
GEO 115	Introduction to GIS	3	CIT 213 Networking Technologies 4
EET 102	Intro to Engineering Tech	2	CIT 228 Advanced Database Systems 3
EET 103	Electrical Studies I	3	CIT 255 Object-Oriented Programming 3
RAM 155	Microcontroller Programming	3	DD 101 Print Reading and Sketching 3
	<b>Credits</b>	<b>15</b>	DD 110 Basic Metallurgy 3
			DD 160 Tolerancing and GD&T 3
			EET 161 Fundamentals of Light & Lasers 4
			EET 180 Biomedical Equipment I 3
			EET 212 Elements of Photonics 4
			EET 233 PLC Applications I 3
			EET 234 PLC Applications II 3
			EET 260 System Engineering in Practice 3
			EET 281 Biomedical Equipment II 3
			UAS 107 Remote Pilot Ground 3
			UAS 141 Remote Pilot Flight 3
			WSI 200 GL Research Technologies 3
			WSI 210 Underwater Acoustics and Sonar 3
			WSI 215 Marine GIS & Data Processing 3
			WSI 240 ROV Systems and Operations 3
<b>Spring</b>			
Select one of the following:		3-4	
ENG 112	English Composition		The responsibility for determining the transferability of this degree and
ENG 220	Technical Writing		courses to another institution is the sole responsibility of the student.
BUS 231	Professional Communications		
RAM 205	Microcontroller Systems	3	
DD 170	CADD/Computer Modeling	4	
EET 204	Electrical Studies II	3	
	<b>Credits</b>	<b>13-14</b>	
<b>Year 2</b>			
<b>Fall</b>			
MTH 121	College Algebra	4	
MFG 104	Fluid Power	3	
EET 221	Industrial Controls (Fall only)	3	
EET 232	Programmable Logic Controllers (Fall only)	3	
Approved Technical Elective		4	
	<b>Credits</b>	<b>17</b>	
<b>Spring</b>			
PHL 105	Critical Thinking	3	
Select one of the following:		4	
BIO 106	Human Biology		
ENV 117	Meteorology & Climatology		
PHY 105	Physics of the World Around Us		
PHY 121	General Physics I		
Approved Technical Electives		9	
	<b>Credits</b>	<b>16</b>	
	<b>Total Credits</b>	<b>61-62</b>	

## approved technical electives

Course	Title	Credits
CIT 110	Programming Logic and Design	3
CIT 178	Relational Databases	3
CIT 180	Web Development	3
CIT 190	JavaScript Programming	3