

ENGINEERING TECHNOLOGY - ELECTRONICS TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Course Sequence Guide

Course	Title	Credits
Year 1		
Fall		
ENG 111	English Composition	4
GEO 115	Introduction to GIS	3
EET 102	Intro to Engineering Tech	2
EET 103	Electrical Studies I	3
RAM 155	Microcontroller Programming	3
Credits		15
Spring		
Select one of the following:		3-4
ENG 112	English Composition	
ENG 220	Technical Writing	
BUS 231	Professional Communications	
RAM 205	Microcontroller Systems	3
DD 170	CADD/Computer Modeling	4
EET 204	Electrical Studies II	3
Credits		13-14
Year 2		
Fall		
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
Credits		17
Spring		
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
Credits		16
Total Credits		61-62

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

CIT 195	Application Development	3
CIT 213	Networking Technologies	4
CIT 228	Advanced Database Systems	3
CIT 255	Object-Oriented Programming	3
DD 101	Print Reading and Sketching	3
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

The responsibility for determining the transferability of this degree and courses to another institution is the sole responsibility of the student.