

Electronic Engineering Technology - General Option A.A.S.

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NOTICE(s): For the A.A.S. Degree in Electronic Engineering Technology, General Option, the student must complete a minimum of 76 credit hours—a minimum of 61 technical courses and 15 in general education courses—all of which must be approved by the advisor. A maximum of 9 credit hours of technical electives may be selected from any approved area of Engineering Technology programs with prior written approval from the student's major advisor. Technical courses may vary to meet student need and to provide options. Admission Requirement: High school diploma or GED.

The courses in this program of study may not be offered every semester. It is important to consult with your advisor to determine course schedules to stay on track to graduate.

The student is responsible for verifying the transferability of credit in this program to a senior institution with the appropriate senior institution advisor.

Area I – Written Composition

Item #	Title	Hours	Grade	Term Completed
ENG 101	English Composition I	3		
	Sub-Total Credits	3		

Area II – Humanities and Fine Arts

Item #	Title	Hours	Grade	Term Completed
	Humanities/Fine Arts Elective	3		
	Sub-Total Credits	3		

Area III – Natural Sciences and Mathematics

Item #	Title	Hours	Grade	Term Completed
INT 104	Principles of Technology	3		
	MTH 100: Intermediate College Algebra OR numerically higher	3		
	Sub-Total Credits	6		

Area IV – History, Social and Behavioral Sciences

Item #	Title	Hours	Grade	Term Completed
	History, Social and Behavioral Sciences Elective	3		
	Sub-Total Credits	3		

Area V - Required Technical Courses

Item #	Title	Hours	Grade	Term Completed
EET 100	Introduction to Engineering Technologies	3		
	INT 101 or EET 103	3		
	INT 103 or EET 104	3		
EET 109	Electrical Blueprint Reading I	3		
EET 114	Concepts of Solid State Electronics	5		
EET 115	Concepts of Digital Electronics	5		
EET 116	Concepts of Electronic Circuits	5		
EET 119	Circuit Fabrication I	1		
EET 225	Electronics Communications	3		
EET 260	Microprocessors Interfacing	3		
EET 261	Microprocessors Interfacing Laboratory	1		
ORI 101	Orientation to College	1		
WKO 101	Workplace Skills Development I	1		
	Sub-Total Credits	37		

Additional Coursework:

Choose 24 credit hours from the following list.

Item #	Title	Hours	Grade	Term Completed
CIS 146	Computer Applications	3		
EET 192	Installation Practices	3		
EET 195	Selected Topics in EET	1		
EET 196	Selected Topics in EET	2		
EET 197	Selected Topics in EET	3		
EET 207	Intro to Robotics	3		
EET 208	Fiber Optics	3		
EET 212	Intro to Robotics Lab	2		
EET 213	Process Control and Instrumentation	3		
EET 224	Elements of Industrial Controls with PLCs	3		
EET 229	Elements of Industrial Controls with PLCs Lab	2		
EET 234	Robotic Systems	3		
EET 238	Process Control and Instrumentation Lab2			
EET 239	Robotic Systems Lab	2		
EET 249	CET Preparation	3		
EET 252	Electronic Service Lab	1		
EET 254	Microcomputer Systems Basic I	3		
EET 255	Microcomputer Systems Basic I Lab	2		
EET 256	Microcomputer Systems Advanced I	3		
EET 257	Microcomputer Systems Advanced I Lab	2		
EET 262	Industrial Automation Project	3		
EET 276	Elements of Industrial Controls with PLCs II	3		
EET 277	Elements of Industrial Controls with PLCs II Lab	2		
EET 281	Special Topics in Electronic Engineering Technology	3		
EET 286A	Co-Op	1		
EET 286B	Co-Op	1		
EET 286C	Co-Op	1		
EET 288	Co-Op	2		
EET 290	Electronics Project	3		
EET 294	Co-Op Education	3		
MDT 105	Introduction to Computer-Aided Design (CAD)	3		
SPH 106	Fundamentals of Oral Communication	3		
	Sub-Total Credits	77		
		76		