

Program Planning Guide

Electronics Engineering Technology, Associate in Applied Science Degree, A40200

Program Length: 5 Semesters

Program Sites: Lee Main Campus, Day Program

Career Pathway Options: Associate in Applied Science Degree in Electronics Engineering

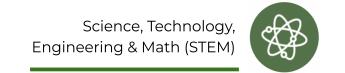
Suggested Course Schedule		Class	Lab	Work	Credits	Notes:
1st Semester (fall)						
ACA 122	Student Success Course	0	2	0	1	
CIS 110	Intro to Computers	2	2	0	3	
EGR 131	Intro to Electronics Tech	1	2	0	2	
ELC 131	Circuit Analysis I	3	3	0	4	
ENG 111	Writing & Inquiry	3	0	0	3	
Math requirement, take one:						
MAT 171	Precalculus Algebra	3	2	0	4	
MAT 121	Algebra/Trigonometry I	2	2	0	3	
	Total Semester Hours:	11/12	11	0	16/17	
2nd Semester (spring)						
ELN 131	Analog Electronics I	3	3	0	4	
ELN 133	Digital Electronics	3	3	0	4	
Technical Elective					3	
Math 2 requirement, take one:						
MAT 172	Precalculus Trigonometry	3	2	0	4	
MAT 122	Algebra/Trigonometry II	2	2	0	3	
	Total Semester Hours:				14/15	
3rd Semester (summer)						
ELN 132	Analog Electronics II	3	3	0	4	
Physics requirement, take one:						

Effective Term: 2025FA

Program Planning Guide

A40200 Electronics Engineering AAS

Page 2



College Physics I	3	2	0	4		
Physics - Mechanics		2	0	4		
Total Semester Hours:	6	5	0	8		
4th Semester (fall)						
Digital Signal Processing		2	0	3		
Introduction to Microprocessors		3	0	4		
DAQ and Control	3	3	0	4		
Communications requirement		0	0	3	Recommend ENG 112	
Social/Behavioral Science requirement		0	0	3		
Total Semester Hours:	14	8	0	17		
5th Semester (spring)						
Electronic Applications Project		3	0	2		
Troubleshooting	1	3	0	2		
Statistical Quality Control	3	0	0	3		
Introduction to PLCs		3	0	3		
Humanities/Fine Arts requirement		0	0	3		
Total Semester Hours	10	9	0	13		
Total Semester Hour Credits Required for Graduation: 68						
	Total Semester Hours: Digital Signal Processing Introduction to Microprocessors DAQ and Control requirement I Science requirement Total Semester Hours: ring) Electronic Applications Project Troubleshooting Statistical Quality Control Introduction to PLCs Arts requirement Total Semester Hours	Total Semester Hours: 6 Total Semester Hours: 6 Digital Signal Processing 2 Introduction to Microprocessors 3 DAQ and Control 3 requirement 3 Total Semester Hours: 14 ring) Electronic Applications Project 1 Troubleshooting 1 Statistical Quality Control 3 Introduction to PLCs 2 Arts requirement 3 Total Semester Hours 10	Physics - Mechanics 3 2	Physics - Mechanics 3	Physics - Mechanics 3 2 0 4 Total Semester Hours: 6 5 0 8 I) Digital Signal Processing 2 2 0 3 Introduction to Microprocessors 3 3 0 4 DAQ and Control 3 3 0 4 requirement 3 0 0 3 Il Science requirement 3 0 0 3 Total Semester Hours: 14 8 0 17 ring) Electronic Applications Project 1 3 0 2 Troubleshooting 1 3 0 2 Statistical Quality Control 3 0 3 Introduction to PLCs 2 3 0 3 Arts requirement 3 0 0 3 Total Semester Hours 10 9 0 13	

Technical Electives, take one:

	 ,
CTS-120	Hardware/Software Support
CSC 134	C++ Programming
CSC 151	JAVA Programming
DFT 151	CAD I
LEO 111	Lasers and Applications
CTI 120	Network & Sec Foundations
NOS 130	Windows Single User
CSC 121	Python Programming
ELN 236	Fiber Optics and Lasers
ELC 213	Instrumentation