

## Program Planning Guide

## Computer Engineering Technology, Associate in Applied Science (A40160)

**Program Length:** 5 semesters

Program Sites: Lee Main Campus, Day Program;

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

Technology

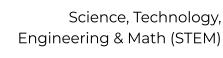
Suggested Course Schedule		Class	Lab	Work	Credits	Notes:
1st Semester (fall)						
ACA 122	College Transfer Success	0	2	0	1	
EGR 131	Intro to Electronics Tech	1	2	0	2	
ELC 131	Circuit Analysis I	3	3	0	4	
ENG 111	Writing & Inquiry	3	0	0	3	
Mathematics requirement		2/3	2	0	3/4	MAT-121 or MAT-171
	Total Semester Hours	9/10	7	0	13/14	
2nd Semester (spring)						
ELN 131	Analog Electronics I	3	3	0	4	
ELN 133	Digital Electronics	3	3	0	4	
NOS 130	Windows Single User	2	2	0	3	
Communications requirement		3	0	0	3	
Mathematics requirement		2/3	2	0	3/4	MAT-122 or MAT-172
	Total Semester Hours	13/14	10	0	17/18	
3rd Semester (summer)						
ELN 132	Analog Electronics II	3	3	0	4	
PHY 131	Physics-Mechanics	3	2	0	4	
	Total Semester Hours	6	5	0	8	

Effective Term: 2025FA

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## A40160 Computer Engineering Technology AAS





4th Semester (fall) **CET 225** Digital Signal Processing CTS 120 Hardware/Software Support **ELN 232** Intro to Microprocessors PCI 170 DAQ and Control Programming Elective (select one) CSC-121 CSC-134, CSC-139, CSC-151 **Total Semester Hours** 5th Semester (spring) CTI 120 Network & Sec Foundation ELN 275 Troubleshooting Humanities/Fine Arts requirement Social/Behavioral Science requirement **Technical Elective Total Semester Hours** 

**Total Semester Hours Required for Graduation: 68** 

**Technical Elective:** CIS-110, CSC-134 CSC-139, CSC-151, ELN-247, NET-125, NET-126, NOS-120