



# 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:
<b>1st Semester (fall)</b>						
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
<b>Total Semester Hours</b>		<b>9/10</b>	<b>7</b>	<b>0</b>	<b>13/14</b>	
<b>2nd Semester (spring)</b>						
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
<b>Total Semester Hours</b>		<b>13/14</b>	<b>10</b>	<b>0</b>	<b>17/18</b>	
<b>3rd Semester (summer)</b>						
ELN 132	Analog Electronics II	3	3	0	4	
PHY 131	Physics-Mechanics	3	2	0	4	
<b>Total Semester Hours</b>		<b>6</b>	<b>5</b>	<b>0</b>	<b>8</b>	



<b>4th Semester (fall)</b>						
CET 225	Digital Signal Processing	2	2	0	3	
CTS 120	Hardware/Software Support	2	3	0	3	
ELN 232	Intro to Microprocessors	3	3	0	4	
PCI 170	DAQ and Control	3	3	0	4	
Programming Elective (select one)		2	3	0	3	CSC-121 CSC-134, CSC-139, CSC-151
	<b>Total Semester Hours</b>	<b>12</b>	<b>14</b>	<b>0</b>	<b>17</b>	
<b>5th Semester (spring)</b>						
CTI 120	Network & Sec Foundation	2	2	0	3	
ELN 275	Troubleshooting	1	3	0	2	
Humanities/Fine Arts requirement		3	0	0	3	
Social/Behavioral Science requirement		3	0	0	3	
Technical Elective					2	
	<b>Total Semester Hours</b>	<b>9</b>	<b>5</b>	<b>0</b>	<b>13</b>	
<b>Total Semester Hours Required for Graduation: 68</b>						

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