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**Electronics Engineering Technology
Associate Degree—A40200
Course and Hour Requirements**

Title	Class	Lab	Hours Clinical	Work Experience	Credits
I. General Education Courses					
Communications require six SHC for degree or three SHC for diploma. Humanities/Fine Arts, Social/Behavioral Science and Natural Sciences/Mathematics all require three SHC.					
ENG 111	Expository Writing	3	0	0	3
HUM 110	Technology and Society	3	0	0	3
Select one of the following sets:					
MAT 161	College Algebra	3	0	0	3
MAT 161A	College Algebra Lab	0	2	0	1
MAT 171	Precalculus Algebra	3	0	0	3
MAT 171A	Precalculus Algebra Lab	0	2	0	1
Select one of the following:					
COM 110	Intro. to Communication	3	0	0	3
ENG 114	Professional Research and Reporting	3	0	0	3
Select one of the following:					
PSY 150	General Psychology	3	0	0	3
SOC 210	Introduction to Sociology	3	0	0	<u>3</u>
					16
II. Major Courses					
A. Core					
1. Required Courses					
ELN 133	Digital Electronics	3	3	0	0
2. Required Subject Areas					
DC/AC:					
ELC 131	DC/AC Circuit Analysis	4	3	0	0
DEVICES:					
ELN 137	Electr. Devices & Circuits	4	3	0	0
FUNDAMENTALS:					
ELC 128	Intro. to PLC	2	3	0	0
					<u>3</u>

B. Concentration (If appropriate)

C. Other Major Courses (Select a maximum of 9SHC from *identified* prefixes with the exception of no maximum for for prefixes in the core or concentration)

CET 111	Computer Upgrade/Repair I	2	3	0	0	3
CET 211	Computer Upgrade/Repair II	2	3	0	0	3
CIS 110	Introduction to Computers	2	2	0	0	3
ELN 150	CAD for Electronics	1	3	0	0	2
ELN 234	Communication Systems	3	3	0	0	4
ELN 233	Microprocessor Systems	3	3	0	0	4
PHY 151	College Physics I	3	2	0	0	4
PHY 152	College Physics II	3	2	0	0	4
Select one of the following sets:						
MAT 162	College Trigonometry	3	0	0	0	3
MAT 162A	College Trigonometry Lab	0	2	0	0	1
MAT 172	Precalculus Trigonometry	3	0	0	0	3
MAT 172A	Precalculus Trigonometry Lab	0	2	0	0	1
Select one of the following:						
CSC 132	BASIC Programming	2	3	0	0	3
CSC 133	C Programming	2	3	0	0	3
CSC 134	C++ Programming	2	3	0	0	3
CSC 139	Visual BASIC Programming	2	3	0	0	<u>3</u>
						34

III. Other Required Courses (maximum of 7 for AAS, 4 SHC for diploma, and 1 SHC for certificate)

These may include electives, orientation, study skills, and other college or departmental graduation requirements.

ACA 111	College Student Success	1	0	0	0	1
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Total Credits 68

Developmental: RED 070 RED 080 RED 090 ENG 070 ENG 080 ENG 090 ENG 090A MAT 050
MAT 060 MAT 070 MAT 080

Deleted ELN 131, ELN 232 and ELN 132
Added ELN 137, ELC 128 and CET 211