

# Computer Science, Information Systems and Engineering

## A.A.S. in Electrical Engineering Technology

### Program Description

The Associate of Applied Science in Electrical Engineering Technology (EET) degree prepares students to install, test, maintain, calibrate and repair electrical and electronic systems.

### Delivery Mode

Traditional (on campus)

### Curriculum

The following four-semester schedule of courses provides a recommended framework for completing this program of study in two years.

Course	Credits
<b>First Semester</b>	<b>16</b>
<b>CSC 120</b> Problem Solving and Program Constr.	3
<b>GET 130</b> Intro to Engineering Technology*	3
<b>ENG 101</b> English Composition I**	3
<b>MAT 181</b> College Algebra**	3
<b>UNI 100</b> First-Year Seminar**	1
Elective	3
<b>Second Semester</b>	<b>16</b>
<b>CSC 124</b> Computer Programming I*	3
<b>EET 110</b> Electrical Circuits I*	4
<b>ENG 217</b> Scientific and Technical Writing I**	3
<b>MAT 191</b> College Trigonometry*	3
Public Speaking Course	3
<b>Third Semester</b>	<b>15</b>
<b>CET 235</b> Digital Electronic Design*	4
<b>EET 160</b> Electric Circuits II*	4
<b>PHY 121</b> General Physics I**	4
Elective*	3
<b>Fourth Semester</b>	<b>14</b>
<b>CET 270</b> Introduction to Microprocessor Design*	4
<b>EET 210</b> Linear Electronics I*	4

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Course	Credits
<b>MTR 325</b> Fundamentals of Programmable Logic Controllers*	3
Technical Elective*	3
<b>Total</b>	<b>60</b>

\* Required major and related courses

\*\* Required and recommended general education courses

## Technical Electives (3 credits)

- **EET 325** Intro to Power
- **ITE 305** OSHA General Industrial Safety
- **MTR 335** Advanced PLCs
- **RET 110** Agile Robotics I

## Continuing Education

Associate degree graduates may transfer credits earned in this program to the bachelor's degree in Electrical Engineering Technology at Cal U with no loss of time or credits when proper advising is followed.