

# ELECTRICAL ENGINEERING TECHNOLOGY

BACHELOR OF SCIENCE DEGREE

FLEXIBLE. AFFORDABLE. ACCESSIBLE.

## FOR THE WORKING ADULT AND AAS GRADUATE.

Our program is offered in a flexible, online format and can be completed in as little as two years.

### ADMISSION REQUIREMENTS

- Minimum GPA 2.0/4.0
- Minimum GPA 2.0/4.0 for capstone program with related AAS degree
- Technical background
- Off-campus admission, with \$40 fee
- Official transcripts for all prior coursework

### TRANSFER HOUR POLICY

- Regionally accredited institutions
- CLEP and DANTES exams

### ACADEMIC CALENDAR

Fall, spring, summer semesters

### TUITION AND FINANCIAL AID INFORMATION

- Tuition and fees posted at [tuition.siu.edu](http://tuition.siu.edu)
- Contact the SIU Carbondale Financial Aid Office at [fao.siu.edu](http://fao.siu.edu)

### TOTAL HOURS NEEDED

EET major	56 SH
Approved electives	10 SH
University core/DEPT.	54 SH
Total:	120 SH*

\*120 semester hours required; must include a minimum of 42 semester hours of 300- and 400-level coursework

### REQUIRED COURSES

- EET 150 Intro Engineering Technology
- EET 238 Digital System Fundamentals
- EET 245 Intro Circuit Theory & Applications
- EET 304A AC/DC Circuit Theory
- EET 304B AC Network Theory
- EET 332A DC Motors/Generators
- EET 332B AC Electric Machines
- EET 403A Electronic Circuit Analysis
- EET 403B Electronic Applications & Design
- EET 437A Telecom Systems Fundamentals
- EET 437B Data & Computer Communication
- EET 438A Auto Control Systems Tech
- EET 438B Digital Control Systems
- EET 439 Microcontroller Application & Design
- EET 495A EET Senior Design I
- EET 495B EET Senior Design II

### CONTACT

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Engineering  
Technology  
Accreditation  
Commission

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## World-Class Education at Your Doorstep

SIU is here for you – no matter where “here” is! Electrical Engineering Technology is an excellent college major for men and women who want to obtain knowledge and skills in the high-demand technical fields of electronics and embedded systems, instrumentation and data acquisition, programmable logic controllers, control systems, data communication systems and power systems. You can complete your Electrical Engineering Technology undergraduate degree 100 percent online with Southern Illinois University Carbondale!

## History of Success

SIU Carbondale’s Electrical Engineering Technology program is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET (Accreditation Board for Engineering and Technology). The program has existed for more than 50 years, and we are now offering the same top-notch program found on campus to you.

## Shape

The EET curriculum prepares graduates who are adept at using existing technologies to produce solutions to engineering challenges using a unique blend of theoretical and practical skills to analyze, design, construct, test and prototype systems.

## Innovative

An innovative component of the EET online classes is the “hands-on” experience that students will obtain throughout each course. Students will utilize a suite of portable test instruments and software simulation in conjunction with online videos, lectures, software simulations and reading material.

## Flexible and Convenient

We know you’re busy with life’s many obligations. The Electrical Engineering Technology curriculum is flexible enough to provide the means for graduates of a two-year associate degree in a related field to obtain a Bachelor of Science degree. Students can then finish their EET degree online at SIU Carbondale in two to three years, taking classes on a part-time basis.

It includes 56 semester hours of college courses covering such subjects as electric circuits, electronics, controls and microcontrollers and communications, and a capstone design project. Each of our online courses are completed in 16 weeks through the fall, spring and summer semesters.