

# BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING TECHNOLOGY ONLINE

**SIU** Southern Illinois  
University  
CARBONDALE

Program graduates are equipped with knowledge and skills in the high-demand technical fields of computer systems, microelectronics, communication systems and electric power distribution. Graduates obtain careers as Electronic Design Engineers, Field Service Engineers, Senior Engineer Technicians, Application Engineers, and Sales Engineers. The flexible online EET program combines the analytical approach of engineering with practical skills using modern technology to solve real-world problems. Using an understanding of theory and mathematics, along with laboratory experimentation, program graduates are responsible for the design, implementation and application of electronic, computer and power systems.

## TARGET AUDIENCE:

Working adults and AAS graduates

## ADMISSION REQUIREMENTS:

- Minimum GPA 2.0/4.0
- Technical background
- Off-campus admission application accompanied by a \$40.00 fee
- Official transcripts for all prior coursework

## COST:

Tuition and fees are posted at <http://tuition.siu.edu>

## REGISTRATION PROCEDURE:

Online registration. See SIU Schedule of Classes.

## ACADEMIC CALENDAR:

Fall, Spring, Summer semesters

## DELIVERY MODE:

Online

## LOCATION(S) OF COURSES:

Online

## TEXTBOOK PURCHASE:

From the vendor of student's choice.

## TRANSFER HOURS POLICY:

Transfer credit is generally accepted from regionally accredited institutes of higher learning, CLEP, and DANTES.

## TOTAL HOURS NEEDED:

EET major	56 SH
Approved electives	10 SH
University core/Dept	54 SH
Total	120 SH

## FINANCIAL AID INFO:

Contact the SIUC Financial Aid office at <http://fao.siu.edu/>

## SPECIAL CHARACTERISTICS:

An innovative component of the EET online classes is the "hands-on" experience that students will obtain throughout each course. Students utilize a suite of portable test instruments and software simulation in conjunction with online videos, lectures, software simulations and reading material to re-enforce theory and build practice skills valued in the workforce.

## CONTACT PERSON(S):

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## ADDRESS:

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Carbondale  
Mail Code 6603  
1230 Lincoln Drive  
Carbondale, IL 62901-6603

## WEBSITE:

<http://www.engr.siu.edu/>

## REQUIRED COURSES:

EET 150	Intro Electrical 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