

BACHELOR



ELECTRICAL ENGINEERING TECHNOLOGY BACHELOR OF SCIENCE

IN PERSON AND ONLINE
CONTACT PERSON(S):

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 1230 Lincoln Drive
 Carbondale, IL 62901-6603

WEBSITE:

<https://engineering.siu.edu/tech/undergraduate/engineering-technology>

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
 Technical Elective Credits 7

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:

In person and 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	7 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.