



CAREER & TECHNICAL EDUCATION AREA



IVY TECH ELECTRICAL ENGINEERING

PROGRAM DISCRPTION

The Electrical Engineering Technology program is designed to prepare you for continuing your education in a bachelor's degree program in a wide range of engineering specialties. The program develops knowledgeable and skilled technologists who can work with engineers and technicians to implement electronic designs and perform engineering tasks such as collecting, analyzing, and interpreting data, prototyping, installing, maintaining, and troubleshooting various electronic systems. Students can acquire the associate level Certified Electronics Technician (CET) certification.

To learn more about our program you can schedule a visit to tour our facilities, meet our faculty and interact with students. Coordinate your visit by contacting Bill Croft, Program Chair, at 812-298-2486 or wcorftl@ivytech.edu.

OUR GRADUATES

Graduates of the Engineering Technology program will have two options. Students will develop the science, technology, engineering and math needed to enter the workforce as an electrical engineering technician, or they can transfer to a four-year electrical engineering technology program. If you would like to continue your education after completing your Ivy Tech degree, we have several four-year transfer partnerships. Talk to your program chair for more information about transfer opportunities!

OCCUPATIONS UPON COMPLETION OF PROGRAM:

Students in the Electrical Engineering Technology program will become skilled technicians who will work with engineers and other technicians to design, implement and support the engineering process. Students will learn about collecting, analyzing, interpreting data and troubleshooting complex systems in all courses.

DOE CODES:

- 4802 Introduction to Engineering Design
- 5644 Principles of Engineering
- 5538 Digital Electronics
- 5698 Engineering Design and Development

ADDITIONAL INFO

GRADE LEVEL: 11TH OR 12TH

LENGTH OF PROGRAM: 1 OR 2 YEARS - 1/2 DAY

HS CREDITS PER SEMESTER: 3

HS CREDITS PER YEAR: 6

PROGRAM WEBSITE: IVYTECH.EDU

COURSE INFO



FALL SEMESTER COURSES:

INDT 113 - Industrial Electrical I

(4 Cr Hrs) T/R 8:00am-11:50am (1st 8 weeks)

EECT 114 - Introduction to AC Circuit Analysis

(2 Cr Hrs) T/R 8:00am-11:50am (2nd 8 weeks)



SPRING SEMESTER COURSES:

EECT 121 - Electronics Circuit Analysis

(3 Cr Hrs) T/R 8:00am-11:50am (1st 8 weeks)

EECT 112 - Digital Fundamentals

(3 Cr Hrs) T/R 8:00am-11:50am (2nd 8 weeks)



FEES:

Course Fees: \$0

Hybrid Fee: \$60 (per Hybrid course)

Ivy Tech Technology Fees*: \$60 per semester

Estimated New Books Fees:

Tuition: Twin Rivers pays ALL CTE course tuition. Student pays for fees and books.

*FEES ARE APPROXIMATE AND COULD VARY FROM YEAR TO YEAR.

PROGRAM CHAIR: LARRY PRITCHETT

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