IVY TECH
ELECTRICAL ENGINEERING

PROGRAM DISCRIPTION

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 wcorft1@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

PROGRAM CHAIR: BILL CROFT

📞 Phone: 812-298-2486
✉️ wcorft1@ivytech.edu

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:**

PHIL 102 - Introduction to Ethics
(3 Cr Hrs) T/TH 8:00am-9:15am (1st 8 weeks)
EECT 111 - Introduction to Circuit Analysis (Hybrid)
(4 Cr Hrs) T/TH 8:00am-11:50am (2nd 8 weeks)

📅 **SPRING SEMESTER COURSES:**

EECT 121 - Electronics Circuit Analysis (hybrid)
(4 Cr Hrs) Days/time TBD

💲 **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.