



# CAREER & TECHNICAL EDUCATION AREA



# VINCENNES UNIVERSITY ELECTRONICS

## PROGRAM DESCRIPTION

In today's high-tech world, everything is impacted by electronic controls. An electronics technician is needed to develop, install, and maintain these controls and systems. This program prepares students for a career as an electronics technician.

Graduates of this program will have gained the knowledge of electrical theory along with practical hands-on skills needed to repair, maintain, calibrate, and install all kinds of electrical equipment. Possible avenues of employment includes quality control, sales, service and repair, engineering assistants, radio and television communications, industrial maintenance, and field technicians for every type of company imaginable.

## OCCUPATIONS UPON COMPLETION OF PROGRAM:

Electronics Technician or Biomedical Electronics Technician, both are currently in high demand with more jobs than graduates.

## ADDITIONAL EDUCATION/TRAINING AVAILABLE AFTER VU:

No additional training is required beyond the two year ASCT degree. However, both VU and Purdue BS Degrees are available at the VU campus or transfer to other institutions.

## DOE CODE:

- 4802 - Introduction to Engineering Design
- 7361 - Electronic Fundamentals
- 5538 - Digital Electronics

**VU ADVISOR: H. DENISE DAVIS**

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## 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

[VU ELECTRONICS WEBSITE](#)



## COURSE INFO



### FALL SEMESTER COURSES:

**ELEC105 - Electronic Circuit Analysis I (1st 8 weeks)**

(3 Cr Hrs) T/W/TH 1:00pm - 4:50pm

**ELEC115 - Electronic Circuit Analysis II (2nd 8 weeks)**

(3 Cr Hrs) T/W/TH 1:00pm - 4:50pm

**ELEC130 - Digital Logic**

(3 Cr Hrs) M/F 1:00pm - 3:50pm



### SPRING SEMESTER COURSES:

**ELEC151 - Linear Circuits**

(3 Cr Hrs) M/W 1:00pm-4:50pm

**ELEC180 - Digital Logic II**

(3 Cr Hrs) T/R 1:00pm - 3:50pm



### FEES:

**Course Fees:**

**Fall Semester - \$900**

**Spring Semester - \$900**

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