

ELECTRONIC TECHNOLOGY - MINOR

College of Aeronautics and Engineering

Aeronautics and Technology Building

Kent Campus

330-672-2892

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www.kent.edu/cae

Description

The Electronic Technology minor gives students a basic knowledge in the use and programming of microprocessor-based circuits. It also illustrates how digital combinational and sequential circuits work, and provides students with some applications of these types of circuits. The minor complements studies in computer science, physics, instrumentation, as well as student interest in a general background on how computers work.

Fully Offered At:

- Kent Campus

Admission Requirements

Admission to a minor is open to students declared in a bachelor's degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

Minor Requirements

Code	Title	Credit Hours
Minor Requirements		
TECH 20004	FUNDAMENTALS OF CIRCUIT ANALYSIS	3
TECH 33220	ELECTRONIC DEVICES	4
TECH 33222	DIGITAL DESIGN FOR COMPUTER ENGINEERING	3
TECH 43026	MICROPROCESSOR SYSTEMS	4
TECH 46330	VISUAL BASIC PROGRAMMING IN ENGINEERING TECHNOLOGY	3
Minimum Total Credit Hours:		17

Graduation Requirements

Minimum Minor GPA

2.000

- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).