

# TECHNOLOGY - MINOR

## College of Aeronautics and Engineering

Aeronautics and Technology Building

Kent Campus

330-672-2892

cae@kent.edu

www.kent.edu/cae

## Description

The Technology minor provides students with a broad introduction to the fundamentals of applied engineering.

### 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.

## Program Learning Outcomes

Graduates of this program will be able to:

- Communicate with technical and non-technical colleagues.
- Appreciate the impact of technology on civilization.

## Minor Requirements

Code	Title	Credit Hours
<b>Minor Requirements</b>		
TECH 13580	ENGINEERING GRAPHICS I	3
TECH 20001	ENERGY/POWER	3
TECH 20002	MATERIALS AND PROCESSES	3
TECH 21020	SURVEY OF ELECTRICITY AND ELECTRONICS	3
TECH 21022	SURVEY OF ELECTRICITY AND ELECTRONICS LABORATORY	1
TECH 23581	COMPUTER-AIDED ENGINEERING GRAPHICS	3
Technology Electives, choose from the following:		9
TECH 31000	CULTURAL DYNAMICS OF TECHNOLOGY (DIVD) (WIC)	
TECH 31016	MANUFACTURING TECHNOLOGY	
TECH 31065	CAST METALS	
TECH 32002	MATERIALS AND PROCESSES II	
TECH 33031	PROGRAMMABLE LOGIC CONTROLLERS	
TECH 33032	PROGRAMMABLE LOGIC CONTROLLERS II	
TECH 33033	HYDRAULICS/PNEUMATICS	
TECH 33700	QUALITY TECHNIQUES	
TECH 34002	ADVANCED COMPUTER-AIDED DESIGN II	
TECH 36620	PROJECT MANAGEMENT IN ENGINEERING AND TECHNOLOGY	
TECH 43060	MANAGEMENT OF TECHNOLOGY INNOVATION	
TECH 43080	INDUSTRIAL AND ENVIRONMENTAL SAFETY	

TECH 47210 SUSTAINABLE ENERGY I

TECH 47211 SUSTAINABLE ENERGY II

Minimum Total Credit Hours:

25

## 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).