

# INNOVATION - MINOR

College of Aeronautics and Engineering  
www.kent.edu/cae

## About This Program

The Innovation minor is an interdisciplinary program that addresses the need to use innovation to solve many pressing problems in manufacturing, science, business and technology.

## Contact Information

- cae@kent.edu | 330-672-2892
- Speak with an Advisor

## Program Delivery

- **Delivery:**
  - In person
- **Location:**
  - 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 Requirements

### Minor Requirements

Code	Title	Credit Hours
<b>Minor Requirements</b>		
DI 20100	INTRODUCTION TO DESIGN INNOVATION	3
ENGR 27210	INTRODUCTION TO SUSTAINABILITY	3
Minor Electives, choose from the following:		9
DI 20020	BE SMARTER THAN YOUR SMARTPHONE	
DI 30099	CHALLENGE-BASED INNOVATION (ELR)	
DI 49995	SPECIAL TOPICS IN DESIGN INNOVATION	
DI 49999	DESIGN INNOVATION GRAND CHALLENGES STUDIO PROJECT (ELR)	
ENGR 13585	COMPUTER AIDED ENGINEERING GRAPHICS	
or ENGR 13586 COMPUTER AIDED DESIGN I & ENGR 13587 and COMPUTER AIDED DESIGN I LABORATORY		
or MERT 12001 COMPUTER-AIDED DESIGN		
ENGR 20002	MATERIALS AND PROCESSES	
ENGR 31016	MANUFACTURING TECHNOLOGY	
ENR 27056	INTRODUCTION TO ENTREPRENEURSHIP	
ENR 37070	SOCIAL ENTREPRENEURSHIP	
UXD 20001	INTRODUCTION TO USER EXPERIENCE DESIGN	
UXD 40101	INFORMATION ARCHITECTURE	
UXD 40104	USABILITY	
<b>Minimum Total Credit Hours:</b>		<b>15</b>

## Graduation Requirements

Minimum Minor GPA	Minimum Overall GPA
2.500	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).

## Program Learning Outcomes

Graduates of this program will be able to:

1. Utilize basic analytical skills, intuition and creative thinking to develop practical ethical solutions to real world problems.
2. Apply various problem-solving methodologies and strategies with regards to innovation, while considering impacts to business, planning and sustainability.