

# AVIATION WEATHER - MINOR

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

## Contact Information

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

## Fully Offered

- **Delivery:**
  - In person
- **Location:**
  - Kent Campus

## Description

The Aviation Weather minor is for students wishing to gain a deeper understanding of weather and its physical and operational effect on aviation operations. Students will gain knowledge of the national weather information and forecasting system, as well as radar and satellite imagery and interpretation, weather information systems, thunderstorms and severe weather and information available to a crew in flight.

## 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:

1. Access, interpret and apply weather tools in order to make decisions regarding aviation operations, including non-flight operations.

## Program Requirements

### Minor Requirements

Code	Title	Credit Hours
<b>Minor Requirements</b>		
AERN 25250	ELEMENTS OF AVIATION WEATHER	3
AERN 25251	WEATHER INFORMATION SYSTEMS	3
AERN 25252	THUNDERSTORMS AND SEVERE WEATHER	3
AERN 35021	RADAR SATELLITE WEATHER INFORMATION	3
AERN 35022	WEATHER STRATEGY FOR AIRCREWS	3
GEOG 31062	FUNDAMENTALS OF METEOROLOGY	3
GEOG 31064	PRINCIPLES OF CLIMATOLOGY	3
GEOG 41066	GLOBAL CLIMATE CHANGE	3
<b>Minimum Total Credit Hours:</b>		<b>24</b>

## Graduation Requirements

Minimum Minor GPA	Minimum Overall GPA
2.000	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).