

# C E 500: Geographic Information Systems Engr Sci

Introduces the use of a geographic information system. Topics include applications of geographic information; spatial data collection; data accuracy and uncertainty; data visualization of cartographic principles; spatial analysis; and legal, economic, and ethical issues associated with the use of a geographic information system.

3 Credits

### Prerequisites

Junior Standing Required

#### **Cross-listed Courses**

• <u>G E 470: Intro. to Geographic Information System</u>

## Subject Areas

<u>Civil Engineering, Other</u>

## **Related Areas**

- <u>Civil Engineering, General</u>
- Geotechnical and Geoenvironmental Engineering
- <u>Structural Engineering</u>
- Transportation and Highway Engineering
- Water Resources Engineering

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