

## **C E 495: Geospatial Analysis for Engr & Vis Apps**

### **Civil Engineering**

Working knowledge, application development, and operation issues related to geographical information system (GIS) tools using modern remote sensing raster imagery and vector mapping data; geospatial workflow implementation for engineering and visualization applications; geographic and non-geographic data processing to create spatial maps, inventory and attribute database, and data visualization; import and export of engineering graphics data; development of GIS based decision support systems.

3 Credits

### **Prerequisites**

- Senior standing required.

### **Instruction Type(s)**

- Lecture: Lecture for C E 495

### **Subject Areas**

- [Civil Engineering, General](#)
- [Transportation and Highway Engineering](#)

### **Related Areas**

- [Civil Engineering, Other](#)
- [Geotechnical and Geoenvironmental Engineering](#)
- [Structural Engineering](#)
- [Water Resources Engineering](#)

