C E 570: Infrastructure Management

CIVIL ENGINEERING

Overview of nation's infrastructure assets and rehabilitation/renovation needs; methodologies for development and implementation of performance monitoring and maintenance management systems for roadways, bridge structures, airports, and other infrastructure facilities; condition assessment and nondestructive evaluation; application of new materials and remote sensing and spatial technologies; Intelligent Transportation System (ITS) and computer applications for infrastructure asset management.

3 Credits

Instruction Type(s)
- Lecture: Lecture for C E 570

Subject Areas
- Civil Engineering, General
- Construction Engineering Technology/Technician

Related Areas
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Transportation and Highway Engineering
- Water Resources Engineering