

GIS TOPICS 6395

Instructor: Scot E. Smith, Professor, Geomatics Program, School of Forest Resources and Conservation

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Text: Reading Assignments

GOALS AND OBJECTIVES: This course presents practical applications of GIS as it is used today. By the end of the course it is expected that students will have an appreciation of modern GIS software an appreciation of the ways in which GIS technology can be used in areas such as geomatics, forestry, natural resource management, civil engineering and other fields.

TOPICS

- Applications of GIS to transportation planning
- The Florida Digital Geographic Library
- GIS for assessing flood susceptibility
- GIS in Florida's water management districts
- An overview of ArcGIS
- GIS for natural resource management
- GIS for urban planning
- GIS at the county-level

Course Evaluation Policy: Each student will be expected to lead a discussion for one class period on a topic related to GIS applications. This will include providing the class with a reading list of relevant publications and a presentation to the class. The grade for the course will be based on this presentation and subsequent discussion.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES: Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

HONESTY POLICY: All students are expected to abide by the Student Honor Code which has been adopted by the University. (<http://www.dso.ufl.edu/judicial/honorcode.php>)