What is this class about? This course will introduce you to the fundamental concepts and applications of Geographic Information Systems (GIS) and Global Positioning Satellites (GPS). You will get trained to become a good spatial thinker. Use real life data to study geographic problems and phenomena related to the humans and the natural environment. Learn how GIS is used in different disciplines in liberal arts setting.

What will you get? You will acquire knowledge and strong skills to process and analyze complicated data related to different fields of study and produce visually appealing and easy to understand products as result. GIS skills and concepts will be useful in any discipline such as humanities, social sciences, natural sciences, arts, business, health sciences, and medical and engineering fields. You will also learn project design, implementation, management, and communication skills that are essential for launching a successful career.

Engaged learning: This course weighs heavily on working with GIS through hands-on activities during both lecture hours and lab using real data from local, regional and global sources. A term project involving real-world problem solving or study is the highlight of this course. You have the option to bring your own project idea and/or data to work with for your term project.

Prerequisites: NONE, however, you should have some basic working experience with windows operating system, word processors, and above all have strong willingness to learn.

Check out the student projects website at http://hotspot.furman.edu/ees24