

# ***Introduction to ArcGIS 9.3***

Geography 119A, Spring 2008

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**Class Time:** January 31 and February 14, Saturday 8:00 am- 4:30pm

**Location:** Butte 501

**Office hour:** 4:30-5:00 after class - Butte 501, TTh, 9:30-10:16, Feb. 3-March 12. - Butte 626, or by appointment

**Instructor:** Chris Lewis **Contact:** Email Address: [cclewis@csuchico.edu](mailto:cclewis@csuchico.edu) phone: 898-4774

## **Course Description**

ESRI's ArcGIS software is used by many federal, state and local agencies, as well as educational institutions, private industries and businesses, throughout the world. This course provides an overview of the software capabilities and functionality such as how to query a GIS database, manipulate tabular data, edit spatial and attribute data, and present data clearly and efficiently using maps and charts. Participants learn how to use ArcGIS™ Applications: ArcMap™, and ArcCatalog™.

This course will be based on 5 of the modules of the "Learning ArcGIS 9" on the ESRI Virtual Campus and instructor-augmented materials (the remaining two modules will be completed in section 2). Students not continuing on to section 2 will have access to the course to complete on their own. After the successful completion of the online course, you will receive a certificate of completion from ESRI. Course codes will be provided free of charge on the first day of class.

## **Prerequisites**

Familiarity with a "windows" type computer environment & file maintenance

## **Course objectives: After completing this course students will:**

- understand what GIS is
- understand basic GIS concepts
- be able to symbolize and label maps
- be able to create and edit spatial data
- be able to perform a spatial and attribute query
- know how to change data from one projection to another
- be able to use ArcGIS's presentation tools to create maps with associated map elements

## **Required Text**

The online course materials consist of short readings and activities. You will be given printed activities for the first two modules and expected to print out the others on your own, before the next class or read from the computer screen (slow, but doable). You will likely be able to complete most of the modules in class.

## **Assignments**

Essential: Turn in a copy of each quiz that you have completed and successfully passed for each module. Complete the modules 1-4 and web activity, before the second class. Practice is the only way that you will really learn GIS, so in between classes use the software.

## **Grading**

Course Modules 1-5, 8: You will be given the grade (by %) you received on the quizzes

600 points

Web Activity 100 points

In class Activity - 300 points

TOTAL CLASS POINTS 1000 points

Incomplete given for serious and compelling reasons only, at the discretion of the instructor.

**IMPORTANT:** No drops or adds allowed after the Census date, February 20