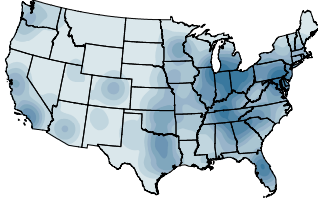


ERTH 171 / GEOG 171, ERTH 172 / GEOG 172

Introduction to GIS and Maps

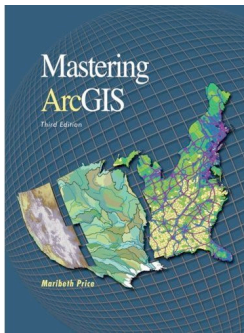
Instructor
Brent Hecht



Course Details

- You must be registered for both 171 AND 172!
- Lecture and lab will be intimately connected!
- In theory: 1 hour lecture, 1.5 hour lab
- In practice: sometimes more lecture, sometimes less lecture, sometimes all lab!

Requirements



Mastering ArcGIS

Maribeth Price

Third Edition

MUST HAVE BY NEXT MONDAY!

Requirements



USB "Flash" Drive

2GB = < \$20

MUST HAVE BY WEDNESDAY!

Image from Wikipedia.org

Requirements



Headphones for Lab CD
OPTIONAL

Image from Wikipedia.org

Course Goals

- Pick up basic GIS skills and the theory to back them up
- Become familiar enough with ArcGIS software to use in simple real-life applications
- Learn how to pose and answer basic spatial questions using GIS
- Get you ready for GIS 176B @ UCSB
- Have fun. GIS is very cool, very powerful.

Grading

- Labs = 25 percent
- Midterm = 20 percent
- Final = 25 percent
- Project and Presentation = 25 percent
- Attendance = 5 percent

Final Grades

- not a strict percentage basis
- “curve” can only help you
 - my goal is that everyone gets an A+
 - you are not competitors, you are a team

Labs (I)

- Mix of lab exercises from book and my own lab exercises
- At times I will add or subtract content from book's labs
 - Announced in lecture before lab starts
- Nearly all labs due one week after they are started (but there are exceptions, see schedule)
- Usual pattern = labs assigned on Monday, work on Monday's lab on Wednesday
- You are responsible for bringing your USB key drive (and headphones) to lab EVERY day

Labs (II)

- TURN IN VIA E-MAIL BEFORE LECTURE ON DAY THEY ARE DO (bhecht@pipeline.sbcc.edu)
- Zip file, Microsoft Word File, PDF File, RDF file, JPG file
- Subject line must be formatted as follows: "GIS LAB #labnumber: yourFirstName yourLastName"
- Example: "GIS LAB #1: Brent Hecht"
- They risk not being seen by me if you do not follow these subject guidelines :(

Midterm and Final

- 1 - 1.5 hours long
- both take place during lecture time (and a little overlap into lab)
- final will be cumulative
- mix of question types
- more details as dates (see schedule) approach

Final Project and Presentation

- groups of 2 -3
- 10 page report
- 10 minute presentation
- some class time will be given, but you will need to work a lot outside of class
- more details after the midterm (see schedule)

Attendance

- Roll taken every day in class
- Cannot miss more than 4 classes unless you have extenuating circumstances
- Will lose whole points starting from the 5th absence

Email

- Check your pipeline e-mail before class!

Reading

- Assigned reading must be completed before class under which it is listed on schedule
- Expect to have to discuss reading in class
- Opinion: the best students always do the reading

Feedback

- PLEASE tell me if there is anything I can do to improve your educational experience
- If there is a problem, let me know right away!
- Is something too hard? Too easy? Not what you want?
 - I ALWAYS like suggestions for the course
- Don't wait; tell me!

Not-So-Fun Stuff

- RESPECT
- Cheating, plagiarism simply not tolerated
- SBCC Standards of Student Conduct
- Please read this section of the syllabus
- Cell phones on silent or off
- No text messaging

Me



- Ph.D. student in Geography/Geoinformatics
- If you're interested in my research, go to www.brenthecht.com
- TA'd for GIS more times than I can count
- First time teaching Intro GIS in a semester-long format
- Originally from Albany, CA
- Bachelors in both Geography and Computer Science
- Masters in Geography

Contact Information

- email address: bhecht@pipeline.sbcc.edu
- website: <http://www.brenthecht.com/>