

- Lab-* Create a web-based portfolio to showcase your work
2. January 24: **Maps Defined- Mental Maps** (DF Introduction; M Forward, Ch. 1- Introduction)
Lab- Create a mental map
Create a cartographic map using MapQuest (Web mapping)
 3. January 1: **Maps Defined- Cartographic Maps** (DF Ch. 2; M Ch. 2, 3, & Appendix)
Lab- Create maps using various map projections using a website mapping software.
 4. February 7: **History of Cartography- “The Short Version”** (DF Ch. 1, 4)
Lab- Locate an “old” map on the web & explain its use and cultural influence
 5. February 14: **Maps on the CSU Library Website** Presentation by Bill Barrow
Lab- Exercise using CSU Library website maps
 6. February 21: **NO CLASS**
 7. February 28: **Computer Mapping & GIS** (DF Ch. 7, 9; M Ch. 12)
Lab- Create a general reference map using MapInfo GIS software & MS Paint software
 8. March 7: **MIDTERM EXAM**
 9. March 14: **Spring Recess- No Class**
 10. March 21: **Spatial Data & Associated Attribute Data** (DF Ch. 3, 5, 6- pp.102-109, 8)
Lab- From x,y data in a database, create a new point data layer and map in MapInfo
Download Census Data to Excel spreadsheet
 11. March 28: **Graphing Attribute Data** (M Ch. 10)
Lab- Graphing Census Data using Excel
 12. April 04: **Map Design Issues** (M Ch. 4 – 6, 11)
Lab- Create a multi- layered data map using proper design in MapInfo.
Create a thematic ranged map using web “color brewer” and MapInfo.
 13. April 11: **Map Use: Accuracy, Analysis, and Interpretation** (M Ch. 7 –9, 13)
Lab- Analyze and interpret 2 maps; Create an “improved” map in MapInfo
 14. April 18: **Project Description**
Lab- Open lab time to begin Project work
 15. April 25: **Project Work- Lab**
 16. May 02: **Project Presentations**
 17. May 09: **FINAL EXAM**

GIS Project:

Each student will be assigned a county within the United States.

Tasks for the project will include:

- Download data from the Web
- Create 2 different graph types of the downloaded data.
- Student will explain the graphs, including objective of the graph as well as graph interpretation and analysis.
- Create a reference map and 2 thematic maps that include a legend, title, north arrow, source and prepared by.
- Student will explain the maps, including objective of the map as well as map interpretation and analysis.
- A Power Point presentation of the graphs and maps will be created and presented to the class.
- Graphs, maps, and the Power Point will be placed into student's website

Students with Special Needs:

Anyone requiring special assistance to take exams or complete assignments must identify themselves to the instructor by the end of the second week of classes. These include accommodations for physical handicaps and learning disabilities.

Cartography Lecture and Lab Assignments:

To view the instructor's cartography webpage (so that you can print lectures and lab assignments):

Start the Internet browser, Mozilla.

In the URL box, type <http://urban.csuohio.edu/~wyles/cartography.htm>

To view the lecture or lab-

Select the lectures and lab assignments and then select file> print

The reading assignments are located in the syllabus. You are responsible for determining the reading assignment for the next class. Questions based on reading will be "fair-game" on the Mid-Term and Final.