

## **Geog 316 -Study Guide for Exam 1**

Know the following:

What is meant by a “path” when referring to computer file management.

List possible reasons why a graphic won't display on your webpage (think troubleshooting)

What is file management & why is it important?

Be able to list some html formatting codes and explain what they do.

What is the code for an unordered list and for an ordered list. What is different about these two of lists?

Be able to write the code for putting the following links on your website: email link, link to a file in your website, link to another website.

In code, how do you direct your html file to look for an image in another directory (at the same level the file is in); a directory that is one level above the one you are in.

What is a GIS and what is the GIS Process

What is an Attribute and give example

What is cartography and its purpose

What are the 9 basic elements of a good map (be prepared to draw a schematic map example illustrating these elements).

What is a data model

What is the difference between a spatial database and an attribute database.

Be able to define raster and vector and be able to compare and contrast.

Define metadata

What is visual hierarchy and why use it?

What is Reference fraction and bar scale. Why should you NOT use a “written scale” 1 inch = 25 feet.

What are the two main categories of data

Define nominal, ordinal, interval and ratio data (give one example of each).

What is typography and how is it used?

What elements of typography can you, as the map maker, control and change?

What is geodesy?

Why is plate tectonics and how does it affect the earth?

What is the geoid?

Define latitude and longitude.

What is geodetic vs geocentric latitude?

What is a datum (horizontal & vertical?)

Compare and contrast Nad27 vs Nad83.

What are the elements of a coordinate system?

If you add a shapefile to your GIS project and it does not show up on the map how would you troubleshoot this? How would you fix it?