



# *Principles of Cartography*

## *GEOG3040*

### *The Art and Science of Making Maps*

#### *Course Objectives*

*The principles of cartography do not change, they are based in the configuration, geometry and measurement of the earth. This course will consider these principles in light of new technological advances that govern modern cartography, and the history of cartography. In lecture we will discuss the concepts to consider when creating a good map and you will learn to apply them in lab. Making maps is more than downloading data off the web and pushing buttons, and we will discuss these ideas and concepts together throughout the semester.*

*The goal of this class is for you to be able to critically review maps you see in daily life as well as be comfortable conceptualizing, designing and creating your own maps.*

#### *Course Format*

*The course includes both a lecture and a laboratory component. In lab you will make maps using ESRI software using techniques and ideas we cover in class.*

*Taught by: Dr. Andrea Brunelle  
andrea.brunelle@geog.utah.edu*