

## **PRINCIPLES OF MAP DESIGN**

**GEOG 251 COURSE SYLLABUS FALL 2018**

**WEDNESDAY 6:00 – 10:20 PM**

**Instructor:**

**Office Hours:**

**Office:**

**E-mail:**

**Textbook:** Tyner, Judith. *Principles of Map Design*, The Guilford Press, 2010

**Optional Atlas:** Rand McNally, *Goode's World Atlas*, 23<sup>rd</sup> Edition

### **INTRODUCTION:**

This course includes practical map production and principles of map design. Topics covered in this class include the nature of design, lettering, symbolization, projections, color theory applications, and map user issues. As a student, you will examine design solutions used on other maps to gain a repertoire of ideas. Technical and intellectual skills will be discussed that should enhance your ability to recognize good map design, create well-designed and well-executed maps. By the end of the class you should be able to interact with others who design and produce maps, i.e. public and private mapping along with allied agencies. At the end of the semester, you should add several products to your portfolio of maps. Students are presented with fundamental design theories and principles associated with particular types of maps or related graphic materials in lectures, and then challenged to implement these principles in self-guided hands-on exercises.

### **OBJECTIVES:**

- Demonstrate an understanding of advanced cartographic layout and design
- Use additional cartographic applications through hands-on and computer mapping
- Digitize information not yet in digital format
- Distinguish among various map types
- Explain cartographic software for specific cartographic projects
- Utilize maps as tools
- Locate various cartographic resources
- Research, organize, and present a specific geographic topic

### **COURSE GRADE**

Your grade in this course will be determined as follows (**1000 points total**):

Ten Class Exercises (60 points each) = **600 points**

Two Exams (100 points each) = **200 points**

Final Project = **200 points**

## FINAL GRADE:

Your final grade will be determined on the following scale:

90-100% = A 80-89% = B 70-79% = C 60-69% = D 59% and below = F

## LAB EXERCISES:

You will have **ten class exercises** throughout the semester pertaining to lecture materials and in-class demonstrations. Each exercise is worth 60 points, the only exception being the final exercise (9 & 10) which is combined and worth 120 points. When used productively, a good amount of work for the weekly exercise assignments may be accomplishable during lab time. However, students looking to receive the highest grade possible should be prepared to spend additional time outside of class. Class goes until 10:20 p.m. You should plan to stay in lab until you grasp what needs to be done to successfully complete the exercises.

## EXAMS:

You will have **two exams** during this semester course. A study "outline" will be provided the week prior to the exam. Exam dates are provided in the class schedule. Do not forget the exam dates. A make-up (**essay**) will be assigned if an exam is missed. After the exam has been graded, it will be returned to the student for review. The exam will include lecture notes, texts, information presented by PowerPoint, exercises and special handouts.

## FINAL PROJECT:

A **final project** will be assigned on **September 5<sup>th</sup>** and will be due on **December 12, 2018**. Full details will be provided in a separate handout at the time the project is assigned.

## COMMUNICATION:

It is very important that you communicate with me effectively! I encourage all of you to stay in contact with me via e-mail or before/after class appointments. I want this semester and your geography course to be a positive experience. Therefore, I will strive to make it productive, educational, and enjoyable.

## ATTENDANCE, PARTICIPATION, and TURNING WORK IN ON-TIME:

Unexcused absences will reduce your grade for the course. Period. If you are not in class, you are missing valuable learning time and, most often, information and experiences that are not available at a later date.

Being an active participant in your class is valuable. I understand that some people like to talk more and others prefer to talk less, but it is still important to take ownership of your education and part of doing that is by being involved.

Work (Lab exercises) are due by the end of class on the date given. Anything turned in later will receive a 5% grade reduction with a further 5% reduced for each additional week it is late.

## EXPECTATIONS:

Students are expected to work hard and provide their best work. Assignments turned in that reflects this will receive the best grades. Students are expected to show respect to fellow classmates and support each other so that everyone experiences a positive and successful semester. If you are struggling in this class you are expected to seek out the help you need in which I am happy to provide. Everyone is expected to work hard and earn a grade that they are proud of.

**HONOR CODE** will be in effect for the student in the performance of class participation, assignments, and examinations. Work groups and research teams are encouraged as long as the individual effort is recognizable in the final product.