

Geography 485/585 Map Design and Production

3 /30	#1 INTRODUCTION AND COURSE OUTLINE	
4 / 1	#2 INTRODUCTION TO ADOBE ILLUSTRATOR	Reading(s) 1
4 / 6	#3 ADOBE ILLUSTRATOR CONTINUED	Exercise 1: Abstract map
4 / 8	#4 ARCGIS PRO TO ADOBE ILLUSTRATOR CC	Reading 2 Quiz 1 Due
4 /13	#5 THEMES, LEVELS OF MEASUREMENT, AND VISUAL VARIABLES	Exercise 2: Base map Ex 1 Due
4 /15	#6 LAYOUT AND DESIGN	Reading 3 Quiz 2 Due
4 /20	#7 COLOR THEORY	Exercise 3: Thematic map Ex 2 Critique
4 /22	#8 QUANTITATIVE USE OF COLOR	Reading 4 Ex 2 due, Quiz 3 Due
4 /27	#9 TEXT AND LABELS	Exercise 4: Text placement Ex 3 Critique
4 /29	#10 OPEN DATE: Avenza MAPublisher Demo	Reading 5 Ex 3 due, Quiz 4 Due
5 / 4	#11 SURFACES AND TERRAIN	Exercise 5: Relief map Ex 4 Critique
5 / 6	#12 ADVANCED SYMBOLOGY	Reading 6 Ex 4 Due, Quiz 5 Due
5 / 11	#13 GENERALIZATION	Exercise 6: Generalized map Ex 5 Critique
5 / 13	#14 MAP SERIES, ATLASES, AND DOCUMENTS	Reading 7 Ex 5 Due, Quiz 6 Due
5 / 18	#15 MAPS NOT CONSTRAINED TO TRUE GEOGRAPHIC SPACE	Exercise 7: Schematic map Ex 6 Critique
5 / 20	#16 ANCILLARY GRAPHICS	Reading 8 Ex 6 Due, Quiz 7 Due
5 /25	#17 MAPPING TIME	Exercise 8: Animated map Ex 7 Critique
5 /27	#18 PRESS REQUIREMENTS	Exercise 9: Poster Ex 7 Due, Quiz 8 Due
6 / 1	#19 OPEN DATE	Poster files due by end of class Ex 8 Demo
6 / 3	#20 POSTER SESSION CH 409	Take-home final

FINAL EXAM PERIOD: Hand in final and return posters

- Exercises are made available every Tuesday and will be critiqued at the end of class Tuesday of the following week
- Exercises are due the Thursday following the critique
- Exercises 1 and 8 are exceptions; they will not be critiqued and are due Tuesday of the following week
- Exercises 1-7 are worth 10 points each for a total of 70; 1 point is deducted for each class turned in late
- Exercise 8: Animated map is optional and is worth 5 points extra credit
- Exercise 9: Poster is worth 25 points for graduate students and is optional for undergraduates- Undergraduates have the opportunity to have their maps regraded (for a few additional points) and the benefit of professional feedback
- Quizzes are made available every Tuesday and are due Thursday of the same week
- Quizzes are worth 5 points each for a total of 40
- The final exam is worth 25 points
- Graduate student grades will be based on a total of 160 points; undergraduate student grades on a total of 135.

READINGS

1. Wood, Denis. "Cartography is Dead (Thank God!)" *Cartographic Perspectives* 45 (Spring 2003): 4–7.
Koch, Tom. Response to "Cartography is Dead (Thank God!)" *Cartographic Perspectives* 48 (Spring 2004): 4–6.
Carter, Jame R. "Cartography is Alive (Thank God!)" *Cartographic Perspectives* 49 (Fall 2004): 4–9.

2. Muehrcke, Phillip C. "Concepts of Scaling from the Map Reader's Point of View" *The American Cartographer* Vol. 3, No. 2 (October 1976), 123-141

3. Brewer, Cynthia A. "Color Use Guidelines for Mapping and Visualization," in *Visualization in Modern Cartography*, edited by A.M. MacEachren and D.R.F. Taylor, Elsevier Science, Tarrytown, NY. , 1994, Chapter 7, 123-147

4. Imhof, Eduard. "Positioning Names on Maps," *The American Cartographer* Vol. 2, No. 2 (October 1975): 128–144.

5. Patterson, Tom. " Getting Real: Reflecting on the New Look of National Park Service Maps" (paper presented at the International Cartographic Association 2002 Mountain Cartography Workshop, Timberline Lodge, Mt. Hood, Oregon).

6. Shea, Stuart K. and McMaster, Robert B. "Cartographic Generalization in a Digital Environment: When and How to Generalize," *AutoCarto* Vol. 9, (1989): 56 - 67

7. Wood, Denis. "Lynch Debord: About Two Psychogeographies," *Cartographica* Vol. 45, No. 3 (2010): 185-200

8. Battersby, Sarah E. and Goldsberry, Kirk P. "Considerations in Design of Transitional Behaviors for Dynamic Thematic Maps" *Cartographic Perspectives* 65 (Winter 2010): 16–32, 67-69.