

# GGG 310: Introduction to Digital Cartography Lab

**Fall 2015**  
**Course Syllabus**

**Class Time:**  
 W 12:15 – 1:30 OR  
 Th 12:15 – 1:30

**Required Text:**  
*Cartographer's Toolkit: Colors, Typography, Patterns* by Gretchen N Peterson  
 Publisher: PetersonGIS

**Instructor:**  
 Timothy Leslie  
 Associate Professor  
 tleslie@gmu.edu

**Contact:**  
 Office: Exploratory Hall 2405  
 Phone: 703-993-4336  
 Office Hours: M 4-5, Th 2-3 or by appt

**Lab Mission:** Cartography Lab is where you will produce a variety of maps using digital techniques that illustrate the design issues presented in the lectures. Making effective use of this time will be critical to your success at grasping the material. Many lab assignments will require several hours to complete, and you are encouraged to use the departmental computer lab (Exploratory 2102), which is available 24/7 (unless reserved).

**Supplies:** You will want a flash drive for saving your assignments. Please save frequently while working in the lab (lab2a, lab2b, lab2c, for example) and definitely keep a backup copy of your work. Uploading a copy of finished labs to your GMU Web space (or Dropbox) is another good habit. *Saving your work to a local machine is NOT a reliable method.* There are no second chances for software or hardware glitches.

**Software:** Adobe Illustrator is required for this course – it is used for lab assignments as well as the final project. No prior knowledge of Illustrator is expected. Although maps can be easily created in GIS programs, the majority of professional cartographers turn to graphics programs for more design flexibility.

**Blackboard:** PDFs of lectures and assignments will be through the online Blackboard at <http://mymason.gmu.edu>.

**Grading:** Labs will each have their own specific point values. Lab modules are docked 10% of their maximum value each weekday they are late (all labs are due at the start of Lab). Unless otherwise noted, lab assignments are to be turned in *on paper*.

**Academic Integrity:** Academic Integrity is essential and each individual is expected to do his/her own work; violations of the University Honor Code will not be tolerated and will result in course failure. Student members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work. Please familiarize yourself with the Honor Code policies: <http://honorcode.gmu.edu/>

<i>Week Of</i>	<b>Class</b>	<b>Lab Topic</b>	<b>Due</b>
<i>Aug 31</i>	1	Lab 1 - Maps in the Wild	
<i>Sept 7</i>	2	Lab 2 – Software Basics	Lab 1
<i>Sept 14</i>	3	Lab 3 – Making Curves	Lab 2
<i>Sept 21</i>	4	Final Project Discussion	Lab 3
<i>Sept 28</i>	5	Lab 4 – Using Color and Greyscale	
<i>Oct 5</i>	6	Lab 5 – Bivariate Color	Lab 4
<i>Oct 13</i>	7	Lab 6 – Projections	
<i>Oct 19</i>	Elective Lab Time		
<i>Oct 26</i>	8	Lab 7 – Text	Lab 5 & Lab 6
<i>Nov 2</i>	Elective Lab Time		
<i>Nov 9</i>	9	EC Lab	Lab 7
<i>Nov 16</i>	10	Lab 8 – Proportional Symbols	
<i>Nov 23</i>	<i>No Class - Thanksgiving Break</i>		
<i>Nov 30</i>	Elective Lab Time		EC Lab
<i>Dec 7</i>	11	Summary	Lab 8