

ArcGIS Level I

GIS 201 – 5 Credits – October 2011

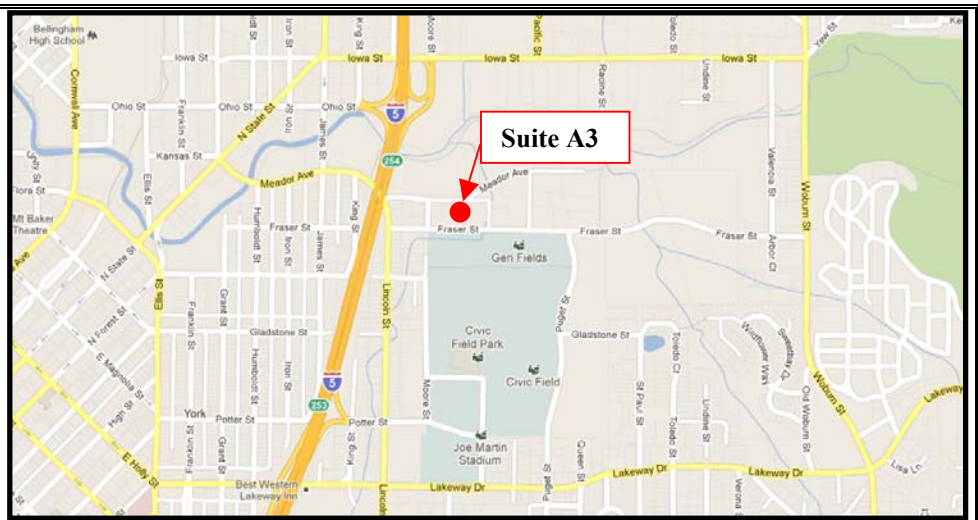


Class Description:

This class is a practical hands-on experience. Students will work through a mapping project using ArcView and ArcEditor to accomplish tasks and solve problems along the way. The class covers the software interface, map data, map attributes, data acquisition, symbolizing features and rasters, classifying features and rasters, labeling features, querying data, joining tables, feature selection by location, preparing data by analysis, analyzing spatial data, and projecting data in ArcMap.

Location:

WEI Headquarters:
Haskell Business Center
1301 Fraser Street, A3
Bellingham, WA 98229



Dates and Times:

The class is scheduled to run on **Tuesday and Thursday evenings at 6:00-9:00 PM from October 4th to October 29th**. This provides a total of (8) evening classes to cover the course material. In addition, the Instructor has the option to utilize Saturday mornings for course work. Please see the Class Calendar on the third page for details.

Tuition and Registration:

Tuition for this class is \$400. Tuition must be paid before the class begins. Program enrolled students have seniority for this class and should register online three-weeks before the class begins. Continuing education students may begin registering online two-weeks before the class begins. Students may also send class registrations by mail to the following address:

Washington Engineering Institute
Registration Office
1301 Fraser Street, Suite A3
Bellingham, WA 98229

Washington Engineering Institute, 1301 Fraser Street Suite A3, Bellingham WA 98229
website: www.weiedu.org email: admin@weiedu.org phone: (360) 739-1428

School Provided Materials:

- **Lecture Notes:** The school provides lecture handouts as needed.
- **School Laptop - Continuing Education Students:** Enrolled students have their own laptop. However, Continuing education students may use a school laptop during lecture times, but you will not have it to study at home. Therefore, you are encouraged to install the 180-day free trial of ArcGIS software that comes with your textbook for the class, as soon as possible. Please contact dbren@weiedu.org if you need to use a school laptop during lectures.

Student Provided Materials:

- **Personal Laptop – Program Enrolled Students:** Program enrolled students are required to have a laptop in order to conduct their program. Students should install the 180-day free trial version of the class software from their textbook as soon as possible on their laptop.
- **Class Textbook:** The textbook comes with a 180-day free trial of the software. Please purchase the following textbook prior to the first day of class:

Getting to Know ArcGIS Desktop, Second Edition, Updated for 9.3
ISBN: 9781589482104 - 2008, 620 pages by ESRI Press

- Positive, motivated, respectful, and helpful classroom character

Instructor

Brenna Sterling-Borgognoni, MA

Experience: 17 years of experience in municipal and tribal GIS fields and is currently the GIS Specialist for the City of Ferndale. Mrs. Sterling-Borgognoni has taught various ESRI ArcView training workshops, while continuing to practice in the GIS field.

Education: Master of Arts in Geography, Binghamton University
Bachelor of Arts in Geography, Binghamton University

Format:

Class Structure: Evenings will typically run in one-hour blocks as follows:

6:00 PM – Class setup and first hour
6:50 PM – Break
7:00 PM – Class
7:50 PM – Break
8:00 PM – Class last hour

Final Exam and Grades:

Continuing education students will receive an AU audit grade. Program enrolled students will be graded by attendance (50%) and a final exam (50%). The Instructor holds the sole authority to issue grades and shall issue grades based on a 4.0 schedule as follows.

Grading legend

4.0	A+
3.7	A
3.5	A-
3.3	B+
3.0	B
2.7	B-

2.4	C+
2.0	C
1.7	C-
1.4	D+
1.0	D
0.7	D-

AU	Class audited with no grade earned
EXP	Experiential credit granted per policy
EDU	Prior education credit granted per policy
I	Incomplete – Instructor Allows Extra Time to Complete
W	Withdrawn from class

October 2011 – ArcGIS Level I – GIS 201

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
										1		2	
3		4	Chapter 1-2	5		6	Chapter 3-4	7		8	Optional Lab	9	
		6:00-9:00 PM Introducing GIS Introducing ArcGIS Desktop				6:00-9:00 PM Exploring ArcMap Exploring ArcCatalog				9:00AM-NOON			
10		11	Chapter 5-6	12		13	Chapter 7-8	14		15	Optional Lab	16	
		6:00-9:00 PM Symbolizing Features and Rasters Classifying Features and Rasters				6:00-9:00 PM Labeling Features Querying Data				9:00AM-NOON			
17		18	Chapter 9	19		20	Chapter 10-11	21		22	Optional Lab	23	
		6:00-9:00 PM Joining and relating tables				6:00-9:00 PM Selecting Features by Location Preparing data for analysis				9:00AM-NOON			
24		25	Chapter 11-12	26		27	Chapter 13	28		29	Optional Exam	30	
		6:00-9:00 PM Analyzing spatial data				6:00-9:00 PM Projecting data in ArcMap				9:00AM-NOON			



PO Box 483
 Custer WA 98240
admin@weiedu.org
 (360) 739-1428

Class Registration Form 2010 v2.0

Returning students with a Student ID do not need to fill out the gray portions of this form.

Name	
Address	
Phone	
Email	

Class Requested	GIS 201 – ArcGIS Level I
Class Month / Date	October 2011

WAC 490-105-160 – State Licensed School Reporting Requirements:

Student ID #		
SSN #		
Date of Birth		
Gender		
Disability	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Race	<input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black/African American <input type="checkbox"/> Hawaiian Native or Pacific Islander <input type="checkbox"/> Hispanic <input type="checkbox"/> White/Caucasian <input type="checkbox"/> Multi-racial <input type="checkbox"/> Other	
Prior Education	<input type="checkbox"/> Less than high school graduation <input type="checkbox"/> GED <input type="checkbox"/> High School Graduate <input type="checkbox"/> Post H.S., no degree or certificate <input type="checkbox"/> Associate Degree <input type="checkbox"/> Bachelor Degree <input type="checkbox"/> Master or Doctorate Degree	GED Year _____ Graduation Year _____ Graduation Year _____ Graduation Year _____ Graduation Year _____
Name of Last School Attended		

Student Signature

Date