

Community Mapping 2010 in Durham, NH

Community Mapping (11 day course)

July 12-16, 19-23 & 28
8am to 4pm

Topics covered:

GIS & GPS concepts
GIS mapping and analysis
GPS data collection

Using GPS in ArcGIS and Google Earth
Linking images in ArcGIS & Google Earth

Creating maps using Google Earth
Sharing maps using Google Maps

Software used:

DNR Garmin, Photo2GPS
Google Earth, ArcGIS 9.3

graduate & undergraduate credits
see below for pricing

Skill level: Intensive

This 11-day academic course is designed for educators and others interested in exploring natural and societal resources using GIS and GPS technology. Participants learn to map natural resources and community assets while exploring methods for sharing maps with others. Activities will involve informational lectures on course topics, immediately followed by hands-on related GPS and GIS exercises.

No previous GIS or GPS experience is required. Course content is appropriate for all people interested in using GIS to map community resources, including high school or middle school educators, town employees, conservation commissions and planning board representatives. Participating schools may qualify for free licenses of ArcGIS 9.3 software (sorry, schools only!).

Student projects:

After the first week of GIS and GPS training, the second week of the course will be dedicated to individual GIS project work. We encourage students to work on projects relevant to their jobs or academic program whenever possible. The instructor will provide assistance to students for project design and development before and during the course.

Credits:

Community Mapping is only available as a graduate or undergraduate course through UNH (2 credits). For a non-academic version of this course, please consider GIS/GPS Boot Camp (July 12-16).

Participants will learn to:

symbolize GIS data, add labels and annotation, query data, use geoprocessing tools: merge, buffer, dissolve, edit and create geographic data layers, manipulate attribute tables: add fields, calculate values, and join tables, import data into ArcGIS, design maps using layouts, collect GPS data, import GPS data into GIS, hyperlink images to GPS points, make maps using Google Earth and Google Maps, use free GIS software to make maps

Provided equipment:

A laptop computer with all necessary software and comprehensive exercise manuals will be provided for each student during the class.



SPACE IS LIMITED - REGISTER EARLY

Registration and logistics:

Sharon at sharon.hughes@unh.edu or 603.862.1029

Info on course content:

Shane at sbradt@ceunh.unh.edu or 603.862.4277

Register online:

http://cecf1.unh.edu/formbuilder/forms/form156_CM009.htm

Total cost: Undergraduate NH resident: \$797 non-resident: \$859
Graduate NH resident: \$897 non-resident: \$969

"When I took your Community Mapping workshop it changed my educational focus (and my life). Your course was well organized and comprehensive".

Scott Semmens - Hopkinton High School teacher

Note: If you have special needs that need accommodation, please contact us 3 weeks in advance of the program date. UNHCE is an equal opportunity educator and employer. University of New Hampshire, U.S. Department of Agriculture, and NH counties collaborating.