

ArcGIS 8.X: The Complete Course

Instructor: Stephen D. Smith, Senior Extension Associate, Cornell Institute for Resource Information Systems

Format: Face-to-Face Hands-On Workshop

Duration: 2 Days (Participants can attend either day 1 or day 2 or both days for "The Complete Course")

Prerequisite Knowledge: To take Day 2 Only; Participants must have all knowledge presented in Day 1

DESCRIPTION:

A workshop designed for the uninitiated who need to gain an understanding of ESRI's ArcGIS 8 software capabilities.

This workshop provides hands-on experience through classroom exercises, enabling the participant to achieve a basic understanding of ArcGIS 8. This first day can be followed by an additional day to increase the participant's familiarity with ArcGIS 8 and obtain a working level of competency with the software.

COURSE MATERIALS:

Manual: Getting to Know ArcGIS Desktop, Ormsby, et al., ESRI Press, 2001. (Provided)

COURSE OUTLINE:

DAY 1 AGENDA

9:00 - 9:10 Introductions and Orientation

9:10 - 9:25 What is ArcGIS?: ArcMap, ArcCatalog, ArcToolbox

9:25 - 10:25 GTKArcGIS - Exploring ArcMap, Displaying map data, Navigating a map, Looking at feature attributes, IRIS Exercise A (optional)

10:25 - 10:30 ArcMap Highlight

10:30 - 10:45 Break

10:45 - 11:55 GTKArcGIS - Exploring ArcCatalog, Browsing map data, Searching for map data, Adding data to ArcMap, IRIS Exercise B (optional)

11:55 - 12:00 ArcCatalog Highlights

12:00 - 1:00 Lunch

1:00 - 2:10 GTKArcGIS - Symbolizing Features and Rasters, Changing symbology, Symbolizing features by categorical attributes, Using styles and creating layer files, Symbolizing rasters IRIS Exercise C (optional)

2:10 - 2:45 Symbolization Highlights

2:15 - 3:00 GTKArcGIS - Classifying Features and Rasters, Classifying features by standard methods, Classifying features manually, Mapping density, Using graduated and chart symbols IRIS Exercise D (optional)

3:00 - 3:15 Break

3:15 - 3:20 Classification Highlights

3:20 - 4:00 GTKArcGIS - Querying Data, Identifying, selecting, finding, and hyperlinking features
Selecting features by attribute, Creating reports, IRIS Exercise E (optional)

4:00 - 4:05 Querying Highlights

4:05 - 4:55 Making Maps Quickly, Opening a map template, Adding x,y data to a map
Drawing graphics on a map, Using Geography Network with ArcMap (optional)
IRIS Exercise F (optional)

4:55 - 5:00 Q & A

DAY 2 AGENDA

9:00 - 9:15 Introductions and Orientation
IRIS Exercise A - What is ArcGIS refresher?

9:15 - 10:15 GTKArcGIS - Joining and Relating Tables

10:15 - 10:30 GTKArcGIS - Selecting Features by Location (continues after break)

10:30 - 10:40 Break

10:40 - 11:00 GTKArcGIS - Selecting Features by Location (continued)

11:00 - 12:00 GTKArcGIS - Preparing Data for Analysis

12:00 - 1:00 Lunch

1:00 - 1:45 GTKArcGIS - Analyzing Spatial Data

1:45 - 2:30 GTKArcGIS - Projecting Data in ArcMap

2:30 - 3:15 GTKArcGIS - Creating Features, Drawing features
Using feature construction tools, IRIS Exercise C (optional)

3:15 - 4:00 GTKArcGIS - Editing Features and Attributes
Deleting and modifying, Splitting and merging features,
Editing feature attribute values, IRIS Exercise D (optional)

4:00 - 4:45 GTKArcGIS - Making Maps for Presentation
Laying out the page, Adding a title, Adding elements
Final touches, IRIS Exercise F (optional)

4:45 - 5:00 Q & A

Created: September 2007