Course Availability

Basics of the Geodatabase Data Model
1. Basics of the Geodatabase Data Model

Creating and Editing Geodatabase Features with ArcGIS Desktop (for ArcEditor and ArcInfo)
1. Creating Features in a Geodatabase
2. Editing Features in a Geodatabase

Creating and Editing Geodatabase Topology with ArcGIS Desktop (for ArcEditor and ArcInfo)
1. Creating Geodatabase Topology
2. Editing Geodatabase Topology

Creating and Editing Labels and Annotation
1. Working with Labels
2. Working with Annotation

Creating and Integrating Data for Natural Resource Applications
1. Data Acquisition
2. Data Creation
3. Data Integration and Error Assessment
4. Preliminary Data Analysis

Creating and Maintaining Metadata Using ArcGIS Desktop
1. Getting Started with Metadata
2. Creating and Editing Metadata
3. Planning a Metadata Workflow

Creating, Editing, and Managing Geodatabases for ArcGIS Desktop
1. Exploring the Geodatabase Data Model
2. Creating a Geodatabase
3. Creating and Editing Features in a Geodatabase
4. Adding Behavior to a Geodatabase

Customizing ArcIMS
1. Introduction to ArcXML
2. Customizing HTML and Java Viewers

Customizing ArcMap: Easy Ways to Extend the Interface
1. Customizing ArcMap: Easy Ways to Extend the Interface

Geoprocessing with ArcGIS Desktop
1. Getting Started with Geoprocessing
2. Data Preparation
3. Data Analysis
4. Getting More Out of Geoprocessing
5. Documenting Your Work

HAZUS-MH Flood Model Output and Applications
1. HAZUS-MH Flood Model Output and Applications

Integrating User-Supplied Hazard Data into the HAZUS-MH Flood Model
1. Integrating User-Supplied Hazard Data into the HAZUS-MH Flood Model

Labeling in ArcMap: Tips and Tricks
1. Labeling in ArcMap: Tips and Tricks

Learning ArcGIS 3D Analyst
1. Introduction to ArcGIS 3D Analyst
2. Displaying 3D Data
3. Symbolizing and Analyzing Data
4. Creating and Converting 3D Data
5. Calculating Raster Surfaces
6. Interpolating Raster Surfaces
7. Introduction to ArcGlobe

Learning ArcGIS Desktop
1. Getting Started with ArcGIS Desktop
2. Creating Map Symbology
3. Referencing Data to Real Locations
4. Organizing Geographic Data
5. Creating and Editing Data
6. Getting Started with GIS Analysis
7. Working with Geoprocessing and Modeling Tools
8. Designing Maps with ArcGIS

Learning ArcGIS Spatial Analyst
1. Getting Started with ArcGIS Spatial Analyst
2. Analyzing Surfaces
3. Working with Map Algebra
4. Interpolating Raster Surfaces with ArcGIS Spatial Analyst
5. Mapping Distance and Density
6. Using Cell, Neighborhood, and Zonal Statistics

Learning ArcIMS
1. Introduction to ArcIMS
2. Creating ArcIMS Maps
3. Building ArcIMS Web Sites
4. Managing ArcIMS Web Sites

Learning Visual Basic for Applications for New ArcGIS Developers
1. Getting Started with VBA
2. Understanding Branching and Looping
3. Using Variables, Procedures, and Functions
4. Enhancing Your Custom Solutions
5. Working with Classes and COM Objects
6. Solidifying Your Code

Understanding Branching and Looping in VBA
1. Understanding Branching and Looping in VBA

Understanding GIS Queries
1. Understanding GIS Queries

Understanding Map Projections and Coordinate Systems
1. Sizing Up the Earth
2. Flattening the Earth
3. Understanding Aspect and Perspective
4. Understanding and Controlling Distortion
5. Geographic and Planar Coordinate Systems
6. Introduction to Datums

Using ArcCatalog: Tips and Tricks
1. Using ArcCatalog: Tips and Tricks

Working with Forms in VBA
1. Working with Forms in VBA

Working with Map Topology in ArcGIS
1. Working with Map Topology in ArcGIS

Working with Rasters in ArcGIS Desktop
1. Raster Basics
2. Displaying Rasters in ArcMap
3. Managing Raster Data

Working with Variables and Functions in VBA
1. Working with Variables and Functions in VBA