



Overview

Esri Virtual Campus courses teach concepts that underlie GIS technology and best practices for using Esri software to accomplish GIS workflows. These self-paced courses allow you to learn anytime, from anywhere if you have access to the Internet. Web courses include:

- Hands-on practice with Esri software (local access to Esri software is required)
- Demonstrations and interactive activities
- Conceptual material
- Course exams to assess learning

Also included in this document are free, one-hour Training Seminars (**TS**). Training Seminars are recorded presentations that include software demonstrations. There are no hands-on exercises.

The remainder of this document will outline the recommended training for each subject area below. Each course title is a direct link to the description and detailed information. A complete list of Esri courses can be found in Esri's online course catalog at www.esri.com/coursecatalog.

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For New Users

- [Getting Started with GIS](#)
- [Referencing Data to Real-World Locations Using ArcGIS](#)
- [Finding Geographic Data in ArcGIS](#)
- [Authoring Web Maps Using ArcGIS Online](#)
- [Solving Spatial Problems Using ArcGIS](#)
- [Python for Everyone](#)
- [Learning ArcGIS Desktop \(for ArcGIS 10\)](#) written using 10.0, but the content is applicable to 10.1 and 10.2

3D Analyst

- [3D Visualization Techniques Using ArcGIS 10](#)
- [Learning ArcGIS 3D Analyst \(for ArcGIS 9.2, 9.3\)](#)
- [Creating 3D Data Using ArcGIS](#)
- [Preparing Data for the 3D City Information Model](#)
- [3D Analysis of Surfaces and Features Using ArcGIS 10](#)

ArcGIS Desktop Customization

- [Developing Add-Ins for ArcGIS Desktop 10](#) (TS)
- [Creating Desktop Add-ins Using Python \(for ArcGIS 10.1\)](#) (TS)
- [Creating Python Toolboxes Using ArcGIS 10.1](#) (TS)

ArcGIS for Server

- [Security Basics for ArcGIS 10.1 for Server](#) (TS)
- [Building and Updating Map Caches with ArcGIS Server 10](#) (TS)
- [Real-time GIS with ArcGIS GeoEvent Processor for Server](#) (TS)
- [High Quality Printing with ArcGIS for Server](#) (TS)
- [Running ArcGIS Server on Amazon EC2](#) (TS)
- [Web Editing Using ArcGIS Server 10](#) (TS)

ArcGIS Online

- Administrators
 - [ArcGIS Online Subscriptions: Mapping and GIS for Organizations](#) (TS)
 - [Preparing to Implement ArcGIS Online](#)
 - [Extending Access to GIS Maps and Apps with Portal for ArcGIS](#) (TS)
 - [Configuring and Administering an ArcGIS Online Organization](#) (TS)
 - [Develop Add-ins to Extend Operations Dashboard for ArcGIS](#) (TS)
 - [Monitoring Data Using Operations Dashboard for ArcGIS](#) (TS)
 - [Sharing GIS Content Using an ArcGIS Online Subscription](#)
- Publishers
 - [ArcGIS Online Subscriptions: Mapping and GIS for Organizations](#) (TS)
 - [Increase the Value of ArcGIS Services with ArcGIS Online](#) (TS)
 - [Creating Web Applications Using ArcGIS Online](#)
 - [Smartphone GIS: Capturing Data with Collector for ArcGIS](#) (TS)
 - [Put Your Community on the Map](#) (TS)
 - [Develop Add-ins to Extend Operations Dashboard for ArcGIS](#) (TS)

- [Monitoring Data Using Operations Dashboard for ArcGIS](#) (TS)
- [Sharing GIS Content Using an ArcGIS Online Subscription](#)
- [Creating Hosted Map Services with ArcGIS Online](#) (TS)
- [Sharing Analysis Workflows Using Geoprocessing Packages](#) (TS)
- Users
 - [Smartphone GIS: Capturing Data with Collector for ArcGIS](#) (TS)
 - [Esri Maps for Microsoft Office, SharePoint and IBM Cognos](#) (TS)
 - [Gain Geographic Insight with ArcGIS Online Analysis Tools](#) (TS)
 - [Create Enhanced Information Products with Esri Maps for Office](#) (TS)
 - [Authoring Web Maps Using ArcGIS Online](#)
 - [Creating Dynamic Maps Using Esri Maps for Office](#)

ArcGIS Schematics

- [Understanding ArcGIS Schematics](#) (TS)

Cartography

- [Layout Design Essentials for ArcGIS 10.1](#) (TS)
- [Getting Started with Cartographic Representations for ArcGIS](#)
- [Advanced Techniques for Cartographic Representations](#)
- [Streamline and Standardize Cartographic Workflows with Esri Production Mapping](#) (TS)
- [Working with Annotation in ArcGIS](#)

CityEngine

- [Getting Started with Esri CityEngine](#) (TS)
- [Modeling a City Using Esri CityEngine](#)
- [Creating Smart 3D City Models with Esri CityEngine](#) (TS)

Creating Web Maps/Apps

- [Getting Started with the ArcGIS Viewer for Flex](#) (TS)
- [Extending the ArcGIS Viewer for Flex](#) (TS)
- [Introduction to the ArcGIS Viewer for Silverlight](#) (TS)
- [Introduction to the ArcGIS Runtime SDK for WPF](#) (TS)
- [Using HTML 5 with ArcGIS](#) (TS)
- [Creating a Web Editing Application Using ArcGIS 10.1 for Server](#) (TS)
- [Creating and Sharing Map Packages \(for ArcGIS 10.1\)](#)
- [Creating and Sharing Locator Packages \(for ArcGIS 10.1\)](#)
- [Introduction to the ArcGIS for Server REST API](#)
- [Creating Web Applications Using ArcGIS Online](#)
- [Sharing Analysis Workflows on the Web Using Geoprocessing Services](#) (TS)
- [Put Your Community on the Map](#) (TS)

Data Reviewer

- [Increase Data Quality with ArcGIS Data Reviewer](#) (TS)
- [Using ArcGIS Data Reviewer to Assess Data Quality](#) (TS)

- [Data QC with ArcGIS: Automating Validation](#)
- [Streamline and Standardize Cartographic Workflows with Esri Production Mapping](#) (TS)

Editing

- [Editing in ArcGIS Desktop 10](#)

Esri Maps for Office

- [Esri Maps for Microsoft Office, SharePoint and IBM Cognos](#) (TS)
- [Create Enhanced Information Production with Esri Maps for Office](#) (TS)
- [Creating Dynamic Maps Using Esri Maps for Office](#)

Esri Technical Certification

- [Overview of the Esri Technical Certification Program](#) (TS)
- [Esri Technical Certification: Sample Questions for ArcGIS Desktop Associate](#)
- [Esri Technical Certification: Sample Questions for ArcGIS Desktop Professional](#)
- [Esri Technical Certification: Sample Questions for Enterprise Administration Associate](#)
- [Esri Technical Certification: Sample Questions for Enterprise System Design Associate](#)

Extract, Transform, Load

- [Controlling Data Translations Using Extract, Transform, and Load Processes](#)
- [Transforming Data Using Extract, Transform, and Load Processes](#)

Geocoding

- [Geocoding in ArcGIS Desktop 10](#) (TS)
- [Address Geocoding with ArcGIS 10.1](#)
- [Creating and Sharing Locator Packages \(for ArcGIS 10.1\)](#)

Geodatabase

- [Getting Started with the Geodatabase](#)
- [Working with Geodatabase Domains and Subtypes](#)
- [Getting Started with Geodatabase Topology \(for ArcGIS 10\)](#)
- [Versioned Editing Workflows for the Multiuser Geodatabase](#) (TS)
- [Archiving Data in the Multiuser Geodatabase \(for ArcGIS 10.1\)](#)

Geostatistical Analyst

- [Exploring Spatial Patterns in Your Data Using ArcGIS](#)
- [Performing Spatial Interpolation Using ArcGIS](#)

Hazus (FEMA's methodology for estimating potential losses from disasters)

- [Getting Started with Hazus-MH 2.0](#)
- [Introduction to the Hazus-MH 2.0 Comprehensive Data Management System](#)

- [Integrating User-Supplied Data into the Hazus-MH 2.0 Flood Model](#)
- [Introduction to the Hazus-MH 2.0 Inventory](#)
- [Introduction to the Hazus-MH 2.0 Flood Model](#)
- [Introduction to the Hazus-MH 2.0 Hurricane Model](#)
- [Introduction to the Hazus-MH 2.0 Storm Surge Model](#)
- [Introduction to the Hazus-MH 2.0 Earthquake Model](#)
- [Loss Estimation Using the Hazus-MH 2.0 Hurricane Model](#)
- [Loss Estimation Using the Hazus-MH 2.0 Earthquake Model](#)
- [Loss Estimation Using the Hazus-MH 2.0 Flood Model](#)
- [Hazus-MH for Decision Makers](#) (TS)
- [Understanding Hazus-MH 2.0 Hurricane Model Results](#)
- [Understanding Hazus-MH 2.0 Flood Model Results](#)
- [Understanding Hazus-MH 2.0 Earthquake Model Results](#)

Imagery

- [Working with Imagery at ArcGIS 10.1](#)
- [Managing Imagery with ArcGIS 10](#)
- [Visualizing and Analyzing Imagery with ArcGIS 10](#)
- [Image Processing with ArcGIS 10.1](#)
- [Workflows to Manage and Share Imagery in ArcGIS](#) (TS)
- [Working with NetCDF Data in ArcGIS 10.1](#) (TS)

LiDAR Data

- [Using Lidar Data in ArcGIS 10](#)
- [Managing Lidar Data in ArcGIS 10](#)
- [Working with Lidar Data in ArcGIS 10.1](#) (TS)
- [Managing Lidar Data Using LAS Datasets \(for ArcGIS 10.1\)](#)
- [Managing Lidar Data Using Terrain Datasets \(for ArcGIS 10.1\)](#)
- [Managing Lidar Data Using Mosaic Datasets \(for ArcGIS 10.1\)](#)

Linear Referencing

- [Getting Started with Linear Referencing](#)
- [Linear Referencing Using ArcGIS](#)

Map Books

- [Creating Map Books Using Data Driven Pages](#) (TS)
- [Python Scripting for Map Automation in ArcGIS 10](#)

Mobile

- [Smartphone GIS: Capturing Data with Collector for ArcGIS](#) (TS)
- [Mobile GIS: Using the ArcGIS for iOS Application](#)
- [Collect High-Accuracy Data with ArcGIS for Windows Mobile](#) (TS)
- [Using ArcGIS for Smartphones and Tablets](#) (TS)

- [Introduction to the ArcGIS Runtime SDK for iOS](#) (TS)
- [Getting Started with the ArcGIS Runtime SDK for Android](#) (TS)
- [Creating and Sharing Locator Packages \(for ArcGIS 10.1\)](#)
- [Introduction to the ArcGIS for Server REST API](#)
- [Creating and Sharing Map Packages \(for ArcGIS 10.1\)](#)
- [Field GIS: Collecting and Editing Data Using ArcPad 10](#)
- [Increase the Value of ArcGIS Services with ArcGIS Online](#) (TS)
- [Authoring Web Maps Using ArcGIS Online](#)

Network Analyst

- [Network Analysis Using ArcGIS](#)
- [Using Network Analyst in ArcGIS Desktop 10](#) (TS)

Parcel Data

- [Introduction to Editing Parcels Using ArcGIS Desktop 10](#)
- [Managing Parcel Data Using ArcGIS Desktop 10](#)
- [Using ArcGIS for Land Records Management](#) (TS)

Projections and Coordinate Systems

- [Referencing Data to Real-World Locations Using ArcGIS 10.1](#)
- [Basics of Map Projections \(for ArcGIS 10\)](#)
- [Basics of Geographic Coordinate Systems \(for ArcGIS 10\)](#)
- [Working with Coordinate Systems in ArcGIS 10](#)

Python/ModelBuilder

- [Python for Everyone](#)
- [Basics of Python \(for ArcGIS 10\)](#)
- [Creating Desktop Add-ins Using Python \(for ArcGIS 10.1\)](#) (TS)
- [Creating Python Toolboxes Using ArcGIS 10.1](#) (TS)
- [Python Scripting for Map Automation in ArcGIS 10](#)
- [Using Python in ArcGIS Desktop 10](#)
- [Python Scripting for Geoprocessing Workflows \(for ArcGIS 10\)](#)
- [Building Models for GIS Analysis Using ArcGIS](#)

Raster Data

- [Basics of Raster Data \(for ArcGIS 10\)](#)
- [Organizing Raster Data Using ArcGIS](#)
- [Deriving Rasters for Terrain Analysis Using ArcGIS](#)
- [Processing Raster Data Using ArcGIS 10](#)
- [Displaying Raster Data Using ArcGIS](#)
- [Using Raster Data for Site Selection](#)
- [Georeferencing Raster Data Using ArcGIS](#)
- [Working with NetCDF Data in ArcGIS 10.1](#) (TS)

Spatial Analyst

- [Deriving Rasters for Terrain Analysis Using ArcGIS](#)
- [Distance Analysis Using ArcGIS](#)
- [Introduction to Surface Modeling Using ArcGIS](#)
- [Using Raster Data for Site Selection](#)
- [Turning Data into Information Using ArcGIS 10](#)
- [Beyond Where: Using Regression Analysis to Explore Why](#) (TS)
- [Regression Analysis Using ArcGIS](#)

Workflow Manager

- [Getting Started with ArcGIS Workflow Manager](#) (TS)
- [Streamline Operations with ArcGIS Workflow Manager](#) (TS)
- [Streamline and Standardize Cartographic Workflows with Esri Production Mapping](#) (TS)

Next Steps

Access

- How to register to attend free self-paced training
 1. Find a course or seminar in the [Free Training](#) list or identify a course in this training plan with the “Free” designation in the course description.
 2. Click the course or seminar title to read the description and software requirements.
 3. On the description page, click the “Go to” button.
 4. If necessary, login with your Esri Global Account.
 5. Start your training.
- How to register for fee-based self-paced through the Esri Virtual Campus Annual User License
 1. Find the course you want in the [course catalog](#).
 2. Click the course title to read the description and software requirements.
 3. Purchase courses online from the [training catalog](#) using a credit card. To apply a discount or use any other form of payment, please call Esri Telebusiness at 800-447-9778.
 4. Once your order is processed you will receive and email with the course access code and instructions.
 5. After Receiving Your Course Access Code:
 - i. Go to the [My Virtual Campus Training](#) page.
 - ii. If necessary, login with your Esri Global Account.
 - iii. At the top of the page, enter the code in the Start a New Web Course box.
 - iv. The course title will display in the Courses in Progress list.
 - v. Click the course title to begin your training.
- To return to the training at a later time, go to [My Virtual Campus Training](#) and click the title in the Web Courses or Training Seminars list.

Contact your Esri training consultant anytime to

- Discuss your organization's goals and the people who utilize the GIS to achieve these goals
- Identify the training options that will best help you meet those goals
- Implement the training plan to support your organization's long-term success with GIS

Contact 1-800-447-9778, ext. 1-5757 or GIStraining@esri.com with questions.