

## Getting Started

### ArcGIS Online: [ArcGIS Online: Essential Workflows](#)

1 Days

Prerequisite: None

#### **Course Description:**

This class is designed for the non-GIS professional who would like to become comfortable using **ArcGIS online** mapping capability. The class covers the basics of creating and sharing maps, how to use application templates included with AGOL, using ArcGIS Maps for Office from Excel to create a map and add it to Powerpoint, and AGOL roles and privileges.

### ArcGIS Pro: [Introduction to GIS Using ArcGIS](#)

2 Days

Prerequisite: None

#### **Course Description:**

This class is best for brand new or beginning GIS users **who want to learn the software**. It covers the basics of Pro, touching on map creation, coordinate systems, intro to spatial analysis, and sharing data layers to AGOL.

### ArcGIS Pro: [Migrating from ArcMap to ArcGIS Pro](#)

2 Days

Prerequisite: Experience using ArcGIS Desktop

#### **Course Description:**

Are you an experienced desktop user having trouble finding where that tool is hidden in Pro? Do you need a jump start to move from Desktop to Pro? Have you been avoiding Pro because you know how to do things faster in Desktop? This class is for you.

## Intermediate ArcGIS Pro Classes

### ArcGIS Pro: [ArcGIS Pro: Essential Workflows](#)

This class is a prerequisite for most other desktop classes.

3 Days

Prerequisite: [Introduction to GIS Using ArcGIS](#)

#### Course Description:

This class builds upon the introductory level class and covers layer types and creation, layer symbology, selection, query, and scales, adding text, labels, and annotation to map layouts, cartographic design and layout, 3D visualization, displaying, joining and relating tabular data, editing data, basic geoprocessing, and publishing data to ArcGIS Pro.

## Specialized ArcGIS Pro Classes

### ArcGIS Pro: [Creating Maps and Visualizations with ArcGIS](#)

2 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

#### Course Description:

Learn fundamental cartographic design principles and a standard workflow to produce print and online maps tailored to their purpose, medium, and intended audience. This course teaches ArcGIS Pro techniques to create and share a variety of professional-quality information products including print maps, web maps, 3D scenes, animations, and charts.

### ArcGIS Pro: [Spatial Analysis with ArcGIS Pro](#)

3 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

#### Course Description:

This class introduces more advanced geoprocessing and spatial analysis including spatial, 3D, space-time, and statistical analysis.

### ArcGIS Pro: [Creating Python Scripts for ArcGIS](#)

3 Days

Prerequisite: [Spatial Analysis with ArcGIS Pro](#)

#### Course Description:

This course teaches how to access the Python environment in ArcGIS Pro, script common data management tasks, and automate geoprocessing workflows. You'll learn techniques to share your scripts so they are easily accessible both inside and outside ArcGIS Pro.

### **\*NEW\*** ArcGIS Pro: Getting Started with ArcGIS Arcade

2 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

#### Course Description:

This is a brand new course, and more information will be coming. [Arcade](#) can be used to customize both ArcGIS Pro and ArcGIS Online.

### ArcGIS Pro: [Preparing Data for GIS Applications](#)

2 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

#### Course Description:

This course explores data-preparation techniques that are relevant for a variety of GIS applications. Discover authoritative data resources and gain essential skills to assess data quality, address data inconsistencies, and deliver valid results from your GIS projects.

### ArcGIS Pro: [Managing Geospatial Data in ArcGIS](#)

2 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

#### Course Description:

Best practices to create a geodatabase to centrally store and efficiently manage your organization's authoritative geospatial data are covered. You will develop skills needed to configure unique geodatabase features that ensure data integrity and accuracy over time and a thorough understanding of file and enterprise geodatabase capabilities.

### ArcGIS Pro: [Creating and Editing Data with ArcGIS Pro](#)

2 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

**Course Description:**

This course teaches best practices to create accurate geographic data and maintain it over time. You will get ample hands-on practice with a variety of ArcGIS Pro tools that streamline the editing process and decrease the potential for errors when updating your GIS database.

**ArcGIS Pro: [Imagery Analysis in ArcGIS Pro](#)**

2 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

**Course Description:**

Workflows and considerations to display, process, and create derived raster products using ArcGIS Pro and ArcGIS Image Analyst are covered. You'll explore common imagery applications, including disaster recovery, damage assessment, and forest canopy assessment.

**ArcGIS Pro: [Working with Lidar Data in ArcGIS](#)**

1 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

**Course Description:**

This course introduces light detection and ranging (lidar) data concepts, collection methods, quality-control considerations, and common applications. Techniques to manage, edit, visualize, and share lidar-derived 2D and 3D information products using ArcGIS Pro are covered.

**Extensions: [Location Analytics Using ArcGIS Insights](#)**

2 Days

Prerequisite: [Introduction to GIS Using ArcGIS](#)

**Course Description:**

This course provides a solid grounding in ArcGIS Insights capabilities and components. Learn how to structure an analysis and dynamically visualize and analyze nonspatial and spatial data together, then share your work using attractive visual themes and repeatable analysis workflow models.

**Extensions: [Introduction to ArcGIS Indoors](#)**

3 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

**Course Description:**

This course introduces key workflows to successfully deploy ArcGIS Indoors. Learn how to create and maintain a complete system for indoor mapping and data management that lets your organization share smart building maps.

## ArcGIS Online Applications and Tools

### ArcGIS Online: [Get Started with ArcGIS Dashboards](#)

1 Days

Prerequisite: [ArcGIS Online: Essential Workflows](#)

#### Course Description:

Learn how to display multiple data visualizations on a single screen that supports dynamic data exploration, real-time operations monitoring, and informed decision-making. The course covers dashboard types, design considerations, layout options, and techniques to organize and focus dashboard elements to meet the specific information needs of your audience.

### ArcGIS Online: [Creating Stories with ArcGIS](#)

2 Days

Prerequisite: [ArcGIS Online: Essential Workflows \(recommended\)](#)

#### Course Description:

This course—for anyone that wants to tell stories with maps—teaches the concepts, best practices, and decisions that need to be made when creating and sharing a story.

### ArcGIS Online: [Building Web Apps with Experience Builder](#)

3 Days

Prerequisite: [ArcGIS Online: Essential Workflows](#)

#### Course Description:

Learn how to build immersive web apps that take advantage of modern web design principles without writing code. This course shows how to interactively create, configure, and publish mapcentric and datacentric web apps that feature your organization's content. This course is ideal for GIS professionals, web designers, and others who want to create engaging, responsive web applications.

**Mobile GIS\ArcGIS Online: [Field Data Collection and Management Using ArcGIS](#)**

2 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

**Course Description:**

This comprehensive class covers ESRI's mobile technology including Survey123, Workforce, QuickCapture, Field Maps (new), AGOL, and Dashboards. It covers preparing data for field collection, web map creation, using Field Maps, creating smart forms in Survey123, using Quick Capture, and displaying your results in Dashboards. This class is best for ArcGIS users who will be managing and deploying field collection projects. It is not intended to teach field staff how to use mobile applications.

# Enterprise GIS

## Enterprise: [Sharing Content to ArcGIS Enterprise](#)

2 Days

Prerequisite: [ArcGIS Pro: Essential Workflows](#)

### Course Description:

This course covers key workflows and best practices to add resources to your portal and make them easily accessible. Get the information you need to efficiently share a variety of resources that support operational workflows, collaboration within and across business lines, and the ability of portal users to infuse their projects with location-based insight.

## Enterprise: [ArcGIS Enterprise: Configuring a Base Deployment](#)

This is the prerequisite to most Enterprise classes

2 Days

Prerequisite: [Managing Geospatial Data in ArcGIS](#)

### Course Description:

Learn administration essentials to install and configure an ArcGIS Enterprise base deployment that enables individuals to securely access, create, and share geospatial resources. You will learn how to license and install the four software components of a base deployment and ensure system security and performance.

## Enterprise: [ArcGIS Enterprise: Administration Workflows](#)

3 Days

Prerequisite: [ArcGIS Enterprise: Configuring a Base Deployment](#)

### Course Description:

You will learn about ArcGIS Enterprise architecture, server licensing roles and extensions, and the capabilities that support common GIS patterns of use. Best practices to manage servers, data, and services while ensuring system performance over time are covered.

**Enterprise: [Configuring Branch Versioning in ArcGIS](#)**

1 Days

Prerequisite: [ArcGIS Enterprise: Configuring a Base Deployment](#)

**Course Description:**

This course prepares GIS professionals and database administrators to implement branch versioning in an enterprise geodatabase using ArcGIS Pro. Learn best practices to establish branch versioning workflows that support multiuser editing and the accuracy of your authoritative geospatial data.

**Enterprise: [Distributing Data Using Geodatabase Replication](#)**

2 Days

Prerequisite: [ArcGIS Enterprise: Configuring a Base Deployment](#)

**Course Description:**

This course teaches best practices to plan and implement geodatabase replication to support enterprise editing workflows and data-sharing initiatives. Learn how to protect the integrity and performance of your production database as data is collected and updated to reflect real-world conditions.

**Enterprise: [Deploying and Maintaining a Multiuser Geodatabase](#)**

2 Days

Prerequisite: [ArcGIS Enterprise: Configuring a Base Deployment](#)

**Course Description:**

This course prepares you to successfully create a multiuser geodatabase that stores and manages your organization's authoritative geographic data. Learn about the multiuser geodatabase architecture and apply techniques to efficiently load data, assign user privileges, and maintain performance over time.

**Enterprise: [Implementing Versioned Workflows in a Multiuser Geodatabase](#)**

3 Days

Prerequisite: [Deploying and Maintaining a Multiuser Geodatabase](#)

**Course Description:**

Learn a sound versioning workflow that minimizes disruption to editors, ensures the integrity of your organization's GIS data, and integrates well with existing business workflows. This course (taught using ArcMap) explores a variety of versioned editing workflows and examines how versioning decisions impact data accuracy and database performance.