Getting Started

ArcGIS Online: ArcGIS Online: Essential Workflows

1 Day
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.

ArcGIS Pro: What's New in ArcGIS Pro 3.6 and 3.7

1 Day
Prerequisite: None

Course Description:

This course is ideal for GIS technical staff and current users of ArcGIS Pro 3.x who are preparing to transition or have recently transitioned to ArcGIS Pro 3.6 or 3.7.

Specialized ArcGIS Pro Classes

ArcGIS Pro: Mapping and Visualizing Data in ArcGIS

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro

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 Essentials for ArcGIS

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro

Course Description:

This course is for anyone who needs a solid grounding in spatial analysis concepts and workflows. Tackle a variety of real-world projects as you explore interesting scenarios and learn a standard, repeatable workflow to increase accuracy and confidence in your analysis results.

ArcGIS Pro: Creating Python Scripts for ArcGIS

3 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to 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.

ArcGIS Pro: Get Started with ArcGIS Arcade

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro AND ArcGIS Online: Essential Workflows

Course Description:

This course is for GIS professionals who want to learn about the benefits of Arcade scripting and concepts to write, apply, and share Arcade expressions.

ArcGIS Pro: Managing Geospatial Data in ArcGIS

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro

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 OR Migrating from ArcMap to ArcGIS Pro

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 Utility Networks in ArcGIS

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro

Course Description:

This course is for GIS professionals who edit and analyze electric, gas, or water networks. It introduces the utility network model in the enterprise geodatabase. Users learn about capabilities that organizations can leverage to better manage network assets, minimize network disruptions, and quickly respond to outages. Attendees can choose to complete course exercises using water, gas, or electric utility data.

ArcGIS Pro: Configuring Utility Networks in ArcGIS

2 Days
Prerequisite: Working with Utility Networks in ArcGIS

Course Description:

This course prepares GIS administrators, technical leads, and others to deploy ArcGIS Utility Network to realistically model and manage their organization's assets and infrastructure. Users learn how to define the network schema and properties and load data into a utility network. Attendees can complete course exercises using electric, gas, or water utility scenarios.

ArcGIS Pro: Get Started with CAD Data in ArcGIS

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows

Course Description:

This course provides the practical knowledge and skills needed to start leveraging GIS capabilities that enhance the value of CAD data, while infusing CAD data into GIS workflows that enhance field operations, analysis projects, infrastructure management, and more. You will learn how integrated CAD-GIS workflows drive efficiencies and insights across your enterprise.

ArcGIS Pro: Graph Analytics Using ArcGIS Knowledge

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro

Course Description:

This course introduces foundational concepts, terminology, and workflows to perform graph analysis using ArcGIS Knowledge. Learn how to visualize and analyze spatial, nonspatial, structured, and unstructured data together in a knowledge graph, and build skills to combine graph analysis with spatial analysis to uncover relationships and hidden patterns in large amounts of data.

ArcGIS Pro: Working with Parcel Data in ArcGIS Pro

3 Days
Prerequisite: Creating and Editing Data with ArcGIS Pro

Course Description:

This course teaches editing and administration workflows for maintaining accurate, up-to-date, and authoritative parcel data using ArcGIS Parcel Fabric, ArcGIS Pro, and ArcGIS Enterprise. You will learn how to create a parcel fabric in a file geodatabase, add parcel data, publish the fabric, and edit parcels to reflect real-world changes. This course assumes familiarity with land-records terminology.

ArcGIS Pro: Streamline GIS Content Management with ArcGIS API for Python

1 Day
Prerequisite: Creating Python Scripts for ArcGIS

Course Description:

Learn how to reduce the time and effort spent managing content accessible through your ArcGIS Online organization. You will explore the structure of ArcGIS API for Python while building skills to securely connect to your organization, update a variety of GIS content and resources, and ensure the currency of

your authoritative GIS data. Course concepts also apply to ArcGIS Enterprise portals. Analysts, GIS professionals, administrators, and developers who want an understanding of ArcGIS API for Python capabilities will benefit from attending.

ArcGIS Pro: Spatial Data Science: Advance Your Analytics

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro

Course Description:

This course introduces spatial statistical techniques and methods used to uncover patterns and relationships in data, unlocking insights that help organizations solve complex problems. You'll explore a variety of scenarios and build skills with powerful ArcGIS tools used by analysts, researchers, and data scientists around the world.

Extensions: Introduction to Indoor Mapping Using ArcGIS Indoors

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro

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: Working with ArcGIS Dashboards

2 Days
Prerequisite: ArcGIS Online: Essential Workflows

Course Description:

Learn how to present data simply and effectively to monitor key metrics and activities in progress and provide decision-makers with easy access to the data that matters most to them. This course covers the essential concepts and workflows you need to understand to create an ArcGIS Dashboards dashboard from scratch, configure it to meet your data users' needs, and share it with stakeholders.

ArcGIS Online: Building Web Apps with ArcGIS Experience Builder

2 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 map centric and data-centric 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.

ArcGIS Online: AI Essentials: Assistants in ArcGIS

1 Day
Prerequisite: None - Experience with ArcGIS Online, Map Viewer, ArcGIS Survey123, and ArcGIS StoryMaps.

Course Description:

This course introduces the use of assistants in popular ArcGIS products to holistically connect and streamline common GIS workflows. Course exercises use a relatable real-world scenario, providing the essential practice that participants need to confidently start leveraging assistants in their day-to-day work.

ArcGIS Online: Get Started with ArcGIS Field Apps

2 Days
Prerequisite: Introduction to GIS Using ArcGIS OR Sharing Content to ArcGIS Enterprise

Course Description:

This course introduces repeatable workflows to streamline data collection using ArcGIS apps designed for use in varying field conditions. You will explore use cases for each app and build skills to prepare mobile teams to support data-collection scenarios ranging from simple to complex.

ArcGIS Online: ArcGIS Experience Builder: Advanced Techniques

2 Days
Prerequisite: Building Web Apps with ArcGIS Experience Builder

Course Description:

This course teaches essential concepts and workflows to build web apps infused with GIS content and capabilities without writing code. You will gain practice with ArcGIS Experience Builder interactive widgets, actions, pages, and other features that will help your organization deliver GIS capabilities anywhere they are needed, while ensuring a seamless user experience across devices.

Enterprise GIS

Enterprise: Sharing Content to ArcGIS Enterprise

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro

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

2 Days
Prerequisite: Managing Geospatial Data in ArcGIS OR Sharing Content to ArcGIS Enterprise

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

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 high availability and system performance over time are covered.

Enterprise: Configuring Branch Versioning in ArcGIS

1 Day
Prerequisite: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro AND 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: Deploying and Maintaining a Multiuser Geodatabase

2 Days
Prerequisite: ArcGIS Pro: Essential Workflows

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: ArcGIS Pro: Essential Workflows OR Migrating from ArcMap to ArcGIS Pro AND 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.

Enterprise: Deploying ArcGIS Enterprise on Kubernetes

2 Days
Prerequisite: ArcGIS Enterprise: Configuring a Base Deployment

Course Description:

This course introduces cloud-native concepts, Kubernetes tools, and key infrastructure requirements. In course exercises, you'll create and manage a new ArcGIS Enterprise on Kubernetes deployment.