MERCURY

The Complete Course on ArcGIS Workflow Manager

19 - 30 Apr 2027
Barcelona (Spain)

Dubai - UAE: +971 4 450 5697
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The Complete Course on ArcGIS Workflow Manager

Ref.: 15495_312211 **Date:** 19 - 30 Apr 2027 **Location:** Barcelona (Spain) **Fees:** 11100 **Euro**

Introduction:

ArcGIS Workflow Manager is a scalable enterprise workflow management system that automates and simplifies many aspects of performing and managing repeatable GIS and non-GIS work in an organization. Explore using ArcGIS Workflow Manager to create streamlined production processes and ensure that the ArcGIS Pro workflow manager and ArcGIS workflow manager server components are effectively leveraged.

Understand the ins and outs of the ArcGIS Workflow Manager in detail, including a deep dive into tutorials that teach the tool's practical applications. Participate in hands-on exercises that enhance your ability to manage complex GIS workflows, increasing operational efficiency within your team.

Targeted Groups:

- Managers and others who want to develop and enforce a standard.
- Repeatable GIS workflows within their organization using ArcGIS Workflow Manager.

Course Objectives:

At the end of this ArcGIS Workflow Manager course, the participants will be able to:

- Set up the database, system tables, and security model.
- Create jobs, execute workflows, and manage job status in ArcMap or ArcGIS Pro.
- Model your business processes as ArcGIS Workflow Manager workflows.
- Publish ArcGIS Workflow Manager services and web viewers.

Targeted Competencies:

At the end of this ArcGIS Workflow Manager training, participants competencies will:

- Automate and simplify work tasks.
- Improve data quality and accuracy.
- Enhance communication.
- Save time and resources.

Course Content:

Unit 1: Introduction to ArcGIS Workflow Manager:

- Learn about the core capabilities of ArcGIS Workflow Manager.
- Understand how it streamlines submission and approval workflows.
- Explore its role in permitting, data submission, and data requests.
- Discover how it enhances versioned data editing workflows.
- Get an overview of how the new Utility Network, Parcel Fabric, and Linear Referencing Network are integrated.

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Unit 2: Architecture and Integration:

- Understand the architecture of ArcGIS Workflow Manager.
- Learn how it fits seamlessly into your existing ArcGIS implementation.
- Explore considerations for planning your Workflow Manager ArcGIS Pro Server deployment.
- Gain insight into the overall system integration process.

Unit 3: Configuration and Licensing:

- Dive into the configuration process of Workflow Manager.
- Learn the steps for configuring your ArcGIS Pro Server.
- Understand the licensing requirements for Workflow Manager.
- Explore whether a high-availability deployment is suitable for your organization.

Unit 4: Basic Concepts of Workflow Manager:

- Learn the fundamental concepts behind ArcGIS Workflow Manager.
- Explore the components that make up a job within the system.
- Understand how to create and interact with jobs.
- Get familiar with the ArcGIS Workflow Manager Work tab.
- Learn to navigate and utilize the features in ArcGIS Pro.

Unit 5: Designing Workflow Diagrams:

- Understand common workflow patterns used in various projects.
- Learn how the Workflow Manager controls the sequence of work.
- Explore how to design and implement workflows as diagrams.
- Gain hands-on experience with the Workflow Manager web app.

Unit 6: Job Templates and Their Design:

- Learn about the importance of job templates in Workflow Manager.
- Understand the considerations when designing job templates.
- Explore default properties, extended properties, and job activities.
- Learn about automatic job creation and its benefits.

Unit 7: Step Types Overview:

- Get an overview of commonly used step types within Workflow Manager.
- Learn how to configure various step types for optimal performance.
- Explore how step types can enhance your workflow designs.

Unit 8: Managing Work and Processes:

- Learn how to identify and manage bottlenecks in business processes.
- Understand how to streamline work management within your organization.
- Explore how to organize assets in one centralized location.
- Learn to create custom charts and queries for shared use.

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Unit 9: Designing Advanced Workflows:

- Discover key considerations when designing advanced workflows.
- Learn about the use of parallel steps and output values.
- Explore the application of ArcGIS Arcade for advanced customization.
- Understand step scheduling and error-handling strategies.

Unit 10: Deployment and Best Practices:

- Learn the best practices for deploying ArcGIS Workflow Manager.
- Understand the steps for successful implementation in your organization.
- Explore tips and strategies for maintaining and optimizing your deployment.
- Gain insights into troubleshooting and ensuring long-term success.

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