

Workflow Authoring Fundamentals

Instructor-led

Topics

- Discuss the architecture
- Introduction to the Workflow application
- Designing resource models for Workflow
- Equipment models & Personnel models
- Authoring introduction
- Authoring eSOP workflows (simplified, template-based)
- Authoring standard workflows (activities, responses, client elements)
- Implement SOA Events
- Implement Workflow Schedules
- Retrieve data from the Reporting database
- Revisit System Administration for Workflow users

Course description

Workflow Authoring Fundamentals focuses on elementary configuration and development of Workflow applications. Participants will work with a sample system to connect Workflow to a variety of data source applications. Administration, authoring and reporting activities are also provided to present a complete and practical orientation to the Workflow solution .

Who should attend?

This course is aimed at those who will be designing developing and deploying Workflow in an industrial setting.

Are there any pre-requisites?

Suitable candidates will be experienced with Windows operating systems. Database knowledge will be an asset for reporting topics. Familiarity with at least one of the other solutions, such as iFIX, CIMPLICITY, Historian, Production Manager (PfMD) or Plant Applications is also recommended .

Part

44A728312-628

Delivery

Instructor-led, classroom, virtual or onsite

Duration

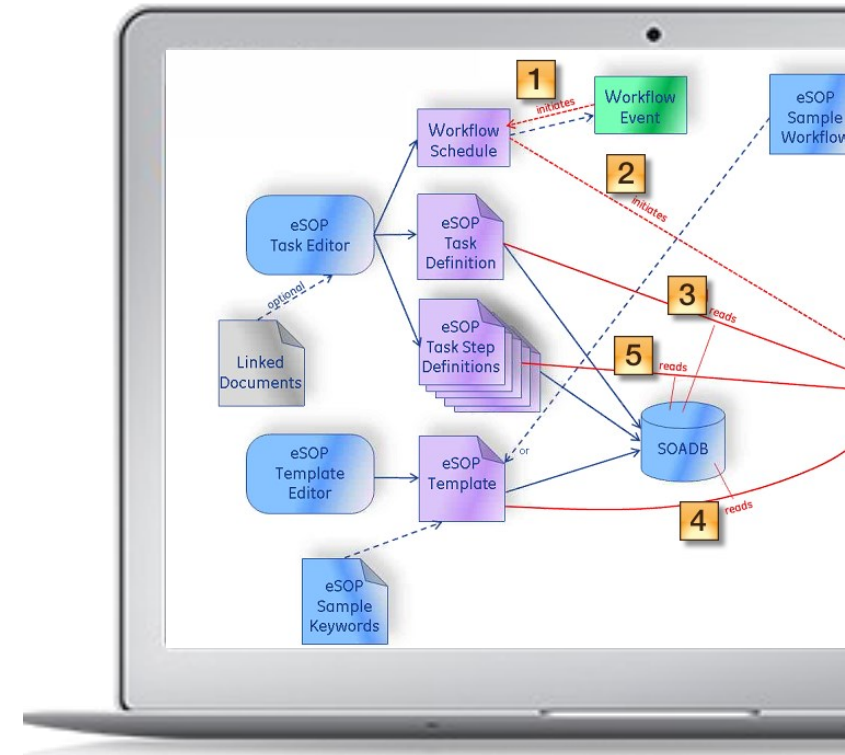
16 hours

Suggested class size

8 Students

Course Schedule

Click [here](#) for the latest details and schedule.





Session 1

Introduction to Workflow Authoring

Explain where Workflow is used and understand basic workflow-related terminology.

Navigate the Client interface.

Complete workflows following electronic workflow instructions using the Task List display .

Understanding Workflows (eSOP)

Define and use general eSOP-related terminology.

Discuss who uses eSOP and distinguish between the role of task builder and workflow designer.

List the eSOP solution components and explain how an eSOP executes.

Author and schedule an eSOP-based workflow .

Session 2

Workflow Displays and Forms

Create Workflow Forms and access WPF Form Templates. Design HTML5 Forms

View Displays and Forms in both the Client and Vision.

Workflow Authoring Basics

Author workflow-based solutions.

Effectively navigate and use the Workflow Editor.

Build a simple workflow using sub-processes and standard activities.

Incorporate Data Items and If-then-Else flow logic into workflows.

Session 3

Workflow Events and Schedules

Build a time-based workflow Schedule and associate it with an Event and Workflow.

Build timed and conditional Events in SOA.

Manage Workflow Instances.

Workflow Troubleshooting

Use the Workflow Editor Debugger to trouble workflows

Use the Fault Functions of Workflow .

Session 4

Workflow Security

Implement security around workflow execution and completion.

Explain the Workflow related Keysets.

View Displays and Forms in both the Client and Vision.

Workflow Project Management

Perform Project Management and transfer and deploy entire applications.

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