

AVEVA WORKFLOW OVERVIEW

WORKFLOW/BPM



COURSE DESCRIPTION

The AVEVA Workflow Overview course is a 3-day, instructor-led class designed to provide a basic understanding of the software as an extension to Business Process Management (BPM) strategies to create end-to-end manufacturing scenarios spanning across systems and human workforces.

The course provides lectures and hands-on labs to illustrate the configuration, definition, execution, and analysis of workflows using the System Platform Extension and Connector for integration with Application Server.

OBJECTIVES

Upon completion of this course, you will be able to:

- Use the System Platform Connector for Arcestra Workflow
- Configure the \$WorkflowGateway object within a Galaxy for communication with the Arcestra Workflow services
- Configure workflow events to trigger workflows from within the Galaxy
- Configure and execute workflows using a set of primary activities
- Design and deploy forms to use within workflows
- Configure and report on Key Performance Indicators (KPI) around the execution of workflows

AUDIENCE

This training class is targeted to engineers, IT personnel, system integrators, consultants, and other individuals whose jobs include creating and/or maintaining and who need to use Workflow in their manufacturing processes.

PREREQUISITES

- Application Server
- InTouch for System Platform
- .NET Controls
- XML knowledge
- Business process management knowledge
- Manufacturing experience

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COURSE OUTLINE

MODULE 1 - INTRODUCTION

- Section 1 - Course Introduction
- Section 2 - System Platform Overview
- Section 3 - ArcestrA Workflow Overview
 - Lab 1 - Creating a Datasource and a Repository
- Section 4 - ArcestrA Workflow Extensions and Connectors
 - Lab 2 - Setting Up the Galaxy
- Section 5 - System Requirements and Licensing

MODULE 2 - SECURITY AND THE \$WORKFLOWGATEWAY OBJECT

- Section 1 - Security Configuration
 - Lab 3 - Configuring Security
- Section 2 - The \$WorkflowGateway Object
 - Lab 4 - Configuring the \$WorkflowGateway Object

MODULE 3 - WORKFLOW DESIGN BASICS

- Section 1 - Workflow Events
- Section 2 - Workflows and Activities Overview
 - Lab 5 - Creating Workflows
- Section 3 - The Inbox Control
 - Lab 6 - Using the Inbox Control
- Section 4 - Workflow Event Parameters and Workflow Variables
 - Lab 7 - Using Parameters and Variables in a Workflow
- Section 5 - More on Workflow Activities
 - Lab 8 - Waiting for Events and Synchronizing Activities

MODULE 4 - WORKFLOW FORMS

- Section 1 - Form Design
 - Lab 9 - Creating Forms
- Section 2 - Forms and Workflows
 - Lab 10 - Using Forms

MODULE 5 - BUSINESS ACTIVITY MONITORING

- Section 1 - Business Activity Monitoring Overview
 - Lab 11 - Configuring KPIs
- Section 2 - The BAM .NET Control