

## ALM Octane Fundamentals (ALM110)

ID ALM110 Price 2,400.— €(excl. tax) Duration 3 days

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Please note that prepayment is required for participation in an Open Text training course. Participation in a training course is possible for 12 months after booking the course. Cancellations are excluded. For further information, please refer to [our General Terms and Conditions](#).

### Course Overview

This three-day course about Application Lifecycle Management (ALM) Octane teaches students how to leverage the streamlined ALM solution to bring continuous quality to lean, agile, and DevOps-focused teams. Students learn how to manage quality information throughout the development cycle, from constructing requirements to designing and executing tests to monitoring defects.

The course uses lectures and a series of hands-on labs to teach the course material. The hands-on labs for this course use version 16.x of the ALM Octane software.

This course is intended for quality assurance engineers, DevOps team members, project managers, and quality assurance leads.

Highlights:

- Overview of ALM Octane
- Create backlogs, releases, and tests in ALM Octane
- Reports to track application development progress and quality
- Integrate Jenkins with ALM Octane
- Working with pipelines in ALM Octane

### Prerequisites

To be successful in this course, you should have the following prerequisites or knowledge:

- Basic knowledge of the Agile process
- Knowledge of Application Lifecycle Management
- Understand basic testing concepts

### Course Objectives

On completion of this course, participants should be able to:

- Summarize what ALM Octane is and where it fits in your project lifecycle
- Differentiate ALM Octane from traditional ALM (ALM.NET)
- Describe the various features and functionalities available with ALM Octane
- Describe how ALM Octane helps in Agile methodology by supporting velocity without compromising quality
- Describe how ALM Octane is integrated with many tools, helping to implement DevOps, and providing comprehensive end-to-end control of the lifecycle
- Perform administration tasks at a basic level on the ALM Octane platform

### Course Content

- Module 1: Course Overview
- Module 2: Introduction to ALM Octane
- Module 3: Project Management Flow
- Module 4: Backlog Management and Release Quality
- Module 5: Planning a Release
- Module 6: Managing the Team Backlog
- Module 7: Testing Flows in ALM Octane
- Module 8: Managing Defects
- Module 9: Agile Development Flow in ALM Octane
- Module 10: My Work Page
- Module 11: DevOps Main Flow
- Module 12: Working with Pipelines
- Module 13: ALM Octane Dashboards
- Module 14: ALM Octane Administration

### Detailed Course Outline

#### Module 1: Course Overview

- Explain the daily classroom schedule and structure
- Review the overall course objectives

#### Module 2: Introduction to ALM Octane

- Describe ALM Octane

- Explain the ALM Octane lifecycle
- Log in to ALM Octane
- Explain the different modules in ValueEdge

### Module 3: Project Management Flow

- Create a space, workspace
- Build a backlog
- Set up releases, teams, and user
- Plan a release Track progress
- Analyze and monitor release quality
- View Workflow

### Module 4: Backlog Management and Release Quality

- Define ALM Octane backlog
- Explain the backlog cycle
- Explain backlog entities
- Build product backlogs
- Create the backlog tree
- Add user stories and quality stories to the backlog
- Rank the backlog
- Rank the backlog items subsets

### Module 5: Planning a Release

- Identify release planning prerequisites
- Build a release backlog
- Assign backlog items to individual team members
- Move stories to another release
- Balance release and sprint workloads
  
- Module 6: Managing the Team Backlog
  
- Break stories into tasks
- Assign stories using team member buckets
- Track team progress
- Work on your stories

### Module 7: Testing Flows in ALM Octane

- Describe and Create an Application Module
- Summarize the manual testing flow
- Describe manual and Gherkin tests
- Create tests: Manual, Gherkin, Test Suite
- Run manual tests, Gherkin tests, and test suites
- Plan test runs
- Report defects
- Save and compare versions of test scripts
- Add and run automated tests

### Module 8: Managing Defects

- Report defects

- Fix defects
- Monitor defects
- Analyze product quality

### Module 9: Agile Development Flow in ALM Octane

- Plan and create a workflow in the Agile model
- Create backlogs
- Plan releases and sprints
- Create tasks
- Track overall release progress
- Add tests to backlog items
- Run tests
- Analyze test results
- Work with release

### Module 10: My Work Page

- Identify and view assigned items
- View tests
- View test runs
- Advance the phase of an item
- Attach files to items
- View item history

### Module 11: DevOps Main Flow

- ALM Octane Integrations
- Set up integration with a CI server
- Obtain API access
- Install the ALM Octane CI plugin
- Add a CI server to ALM Octane

### Module 12: Working with Pipelines

- Describe pipelines
- Explain how ALM Octane builds pipelines
- Display pipelines in ALM Octane
- Create and configure pipelines in the Jenkins UI
- Edit the pipeline and configure pipeline steps in Jenkins
- Run the pipeline from ALM Octane
- View pipeline results

### Module 13: ALM Octane Dashboards

- Describe and use ALM Dashboards
- Use Dashboards
- Create and configure widgets
- Analyze overall quality in the Dashboard

### Module 14: ALM Octane Administration

- Create workspaces
- Create releases

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- Create teams
- Add users
- Create user-defined fields
- Create forms
- Create workflow phases
- Create business rules

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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