

SAP ABAP Web Dynpro Course Content:35-40hours

Course Outline

Unit 1: Course Overview/ Web Dynpro Introduction

- Course Overview
- Evolution of SAP Software User Interface Solutions
- Overview of the Web Dynpro Solution / Positioning
- Development considerations
- Building Blocks
- How do the pieces work together?
- ABAP OO Overview - Basic Concepts refresher

Unit 2: Web Dynpro Controllers

- Controllers - What are they?
- Controllers - Detailed Review
- Controllers - Usage in Navigation

Unit 3: Data Hierarchy Trees/ Web Dynpro Contexts

- Contexts - What are they?
- Contexts - How to build them
- Definition and Data Binding Techniques

Unit 4: User Interface Components

- Overview of User Interface Components
- Elementary UI Elements (e.g. Input, Captions, etc.)
- Complex UI Elements (e.g. Tables)
- Container UI Elements (e.g. View Containers, Trays, ALV Integration)

Unit 5: Programming extensions

- Overview of User Programming Extensions, placement, hook methods

- Context Data Retrieval, Supply Methods, Updating Values
- Debugging Techniques
- Programmed Text Retrieval via OTR and Assistance Class
- Error Handling and Messages
- Programmed Value Help Options
- Value Help via Object Value Selector

Unit 6: Advanced Programming Techniques

- Dynamic Programming Techniques for UI and Context
- Interfaces and Component reusability
- Creating and Invoking Dialog Windows/ Pop-up windows
- Window Controller Navigation/ Exits
- ICF Service/ Logon considerations

Unit 7: Specialized Techniques

- Customizing and Personalization
- Adobe Forms Integration
- Portal Integration Overview
- Web Dynpro Enhancements / Enhancement Framework
- Programming Considerations/ Performance