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# SAP WEB DYNPRO



◆ 1:1 Instructor-led Online Training ◆



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## Course Content: SAP WEBDYNPRO

### INTRODUCTION

#### Unit 1: Course Overview/ WebDynpro 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: WebDynpro Controllers

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

### Unit 3: Data Hierarchy Trees/ WebDynpro 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
- Programming Considerations/ Performance