



Key Data

Course number: 8374A

Number of Days: 2

Available: October 2004

Languages:

- US English

Format:

- Instructor-Led Training (lecture and labs)

Student Materials:

- Student Courseware

Certification Exam: None

Certification Track: None

This course syllabus should be used to determine whether the course is appropriate for the students, based on their current skills and technical training needs.

Course content, prices, and availability are subject to change without notice.

Course Syllabus

Microsoft Axapta Enterprise Portal Development I

Elements of this syllabus are subject to change.

Introduction

This 2-day course introduces the student to Microsoft® Business Solutions–Axapta® Enterprise Portal. This course will begin with the basic installation and configuration of Enterprise Portal. The students will then be exposed to the development environment of Enterprise Portal and will be able to build a functional Web site using new and existing Enterprise Portal application objects. This course is meant to be an introductory course to Enterprise Portal, and more advanced development will be handled in the next course.

Audience

This course is intended for individuals who will be developing Enterprise Portal Web sites. This audience typically includes application consultants who are tasked with creating a customer's Web site based on the configuration and customization of the application. Additionally, consultants who are responsible for training or supporting the customer will benefit from the course.

At Course Completion

- After completing this course, students will be able to:
- Identify the major components and architecture of Enterprise Portal
- Install and configure Enterprise Portal
- Build a Simple Web application
- Construct a functional Web site with new and existing Enterprise Portal application objects
- Build a client's Web site based on specific requirements

Prerequisites

It is recommended, but not required, that students have completed:

- the MorphX Essentials course and the Development II: X++ Basics course

Student Materials

The student kit includes a comprehensive workbook and other necessary materials for this class.

The following is provided in the student kit:

- Microsoft Axapta 3.0 Demo Data US

Chapter 1: Introduction to Enterprise Portal

This chapter explains the driving concepts behind Enterprise Portal. The student will also be able to install and configure Enterprise Portal for use.

Sections
<ul style="list-style-type: none"> ▪ What is Enterprise Portal? ▪ Concepts ▪ Architecture Overview ▪ Installation ▪ The Role Setup
Exercises
<ul style="list-style-type: none"> ▪ Exercise 1.1 Register the Business Connector ▪ Exercise 1.2 Setting up a user for the Business Connector ▪ Exercise 1.3 Test your Business Connector ▪ Exercise 1.4 Create your own Web site ▪ Exercise 1.5 Set up a new user for your Web site ▪ Exercise 1.6 Log on to your Web site ▪ Test Your Knowledge questions ▪ Test Your Skills

After completing this chapter, students will be able to:

- Describe the usage and purpose of the major components that comprise Enterprise Portal.
- Identify the driving concepts behind Enterprise Portal.
- Describe the overall architecture of Enterprise Portal.
- Register the Business Connector successfully and test the connection in Microsoft Axapta.
- Create a Web site in Enterprise Portal.
- Set up users for use with an Enterprise Portal Web application.

Chapter 2: Enterprise Portal Development Environment

This chapter explores the basic tools of the Enterprise Portal development environment. By the end of this chapter, the student will be able to build a Simple Web application

Sections
<ul style="list-style-type: none"> ▪ Web Development ▪ The EP project ▪ Web application templates ▪ Developing Enterprise Portal roles
Exercises
<ul style="list-style-type: none"> ▪ Exercise 2.1 Create a duplicate Web project ▪ Exercise 2.2 Add a picture to the EPHomePageOffline ▪ Exercise 2.3 Using the Web application editor ▪ Exercise 2.4 Modifying Web panels ▪ Test Your Knowledge questions ▪ Test Your Skills

After completing this chapter, students will be able to:

- Create new Web projects, and edit them in the Web application editor.
- Identify the functionality of the different parts of the EPHomePageOffline and EPHomePageOnline.
- Build a Web application template.
- Develop new Enterprise Portal roles, and assign them the proper security access.

Chapter 3: Building a Web application

This chapter focuses on first explaining the components of a Web application and then actually building a functional Web application with new or existing Web forms, Web Tunnels, Web reports, Web menus, Web panels, Activity Centers, and Cascading Style Sheets.

Sections
<ul style="list-style-type: none">▪ Understanding WebApps▪ Web forms▪ Web Tunnels▪ Web reports▪ Web menus▪ Web panels▪ Activity Centers▪ Cascading Style Sheets
Exercises
<ul style="list-style-type: none">▪ Exercise 3.1 Build a new Web form▪ Exercise 3.2 Web Tunnel practice▪ Exercise 3.3 Using a Web report▪ Exercise 3.4 Create a Web menu▪ Exercise 3.5 Create a Web panel▪ Exercise 3.6 Create a new Activity Center▪ Exercise 3.7 Create your own style sheet▪ Test Your Knowledge questions

After completing this chapter, students will be able to:

- Describe the different processes within the Web application framework.
- Understand and create Web application elements.
- Build a functional Web application.

Chapter 4: Working with Weblets

This chapter will focus on introducing the student to Weblets and their function in Enterprise Portal. Frequently used Weblets will be discussed, and the student will have the opportunity to use these Weblets in Web sites the student has created.

Sections
<ul style="list-style-type: none">▪ Weblet overview▪ Standard Weblets▪ Creating Weblets

Exercises
<ul style="list-style-type: none">▪ Exercise 4.1 Modify the LedgerBudget Web form▪ Exercise 4.2 Using standard Weblets▪ Test Your Knowledge questions▪ Test Your Skills

After completing this chapter, students will be able to:

- Understand the concepts of Weblets
- Use different types of Weblets in your Web pages

Chapter 5: A case study with Enterprise Portal

This chapter will serve as a case study using Enterprise Portal and its components. Elements discussed in previous chapters will be used to build a functional Web site based on a fictional client's requirements.

Sections
<ul style="list-style-type: none">▪ Scenario▪ Requirements▪ Instructions
Exercises
<ul style="list-style-type: none">▪ Build the client's Web site based on their requirements

After completing this chapter, students will be able to:

- Build a functional Web page based for a specific client's requirement

Appendix A: Solutions

This Appendix contains all the answers to the chapter exercises, "Test Your Knowledge," and "Test Your Skills."