PeopleSoft PeopleTools I Ed 1

PeopleSoft

DURATION	MODULES	COURSE CODE
5 Days	**19 Lectures**	**—**

Course Overview

Updated for PeopleTools 8.57; Suitable for students using PeopleTools 8.54 or later.

What You Will Learn

Module 1: Course Introduction

- Lesson 1: Course Overview
- Course Overview
- Agenda

Module 2: Technology Overview

- Lesson 2: Technology Overview
- PeopleSoft Application Development Methodology
- Application Designer Overview
- Classic and Fluid Applications
- Finding Information About Application Designer in PeopleSoft Online Help

Module 3: Navigating PeopleSoft Applications

- Lesson 3: Navigating PeopleSoft Applications
- Navigation Basics
- Using Global Search
- Activity 1: Navigating the PeopleSoft System
- Using Search Pages
- Activity 2: Using Search Pages
- Identifying Definitions
- Entering and Modifying Data
- Activity 3: Entering Data
- Using PeopleSoft Online Help

- Activity 4: Finding Information Using PeopleSoft Online Help

Module 4: PeopleSoft Architecture

- Lesson 4: Explaining PeopleSoft Architecture
- PeopleSoft Databases
- Activity 5: Examining PeopleSoft Databases
- Data Transfers in PeopleSoft Pure Internet Architecture

Activity 6: Explaining Data Transfers in the PeopleSoft Pure Internet Architecture

- Development Environment Requirements

Module 5: Data Validation

- Lesson 5: Validating Data
- Prompt Tables
- Effective Dating
- Activity 7: Using Effective Dating
- Comparing Validation Types
- Tableset Sharing

Module 6: Using Application Designer

- Lesson 6: Using Application Designer to Develop Applications
- PeopleSoft Application Development Process
- Application Designer Interface
- Organizing Definitions in a Project
- Activity 8: Organizing Definitions in Projects
- Migrating Definitions Between Databases
- Activity 9: Exporting and Importing a Project File

Module 7: Application Design

- Lesson 7: Designing the Application
- Determining Functional Specifications
- Determining Technical Specifications
- Training Application Overview

Module 8: Field Definitions

- Lesson 8: Defining Fields
- Field Concepts in PeopleSoft Applications
- Field Definition Types and Properties
- Creating Field Definitions
- Activity 10: Creating Field Definitions for the Course Application
- Assigning Translate Values
- Activity 11: Creating Translate Values
- Creating Fields for Course Materials Application
- Activity 12: Creating Fields for the Course Materials Application

Module 9: Record Definitions

- Lesson 9: Creating Record Definitions
- Record Definition Overview
- Accessing Record Definition Displays
- Configuring Record Properties
- Configuring Record Field Use and Edits
- Activity 13: Configuring Record Field Properties
- Creating Record Definitions
- Activity 14: Creating a Record Definition
- Activity 15: Creating the T1_COURSE_MATL Record Definition

Module 10: SQL Tables

- Lesson 10: Building SQL Tables
- Relationship Between Record Definitions and Data Tables
- Activity 16: Analyzing PeopleSoft Tables
- Building Application Data Tables
- Activity 17: Building Application Data Tables
- Viewing Table Indexes
- Activity 18: Viewing Indexes in a Table
- Activity 19: Building the PS_T1_COURSE_MATL Table

Module 11: Page Definitions

- Lesson 11: Creating Page Definitions
- Page Design Principles
- Page and Page Control Properties
- Adding Page Controls
- Creating Page Definitions
- Activity 20: Creating Page Definitions
- Scroll Areas and Grids
- Activity 21: Implementing Scroll Areas
- Activity 22: Implementing Scroll Areas and Grids
- Finalizing Page Design and Layout
- Activity 23: Building the Course Materials Page

Module 12: Components

- Lesson 12: Defining Components
- Component Definition Basics
- Properties for Classic Components
- Building New Components
- Activity 24: Building a Component Definition
- Activity 25: Building the T1_COURSE_MATL Component
- Lesson 13: Registering Components
- Component Registration

- Menu Definitions and Security Fundamentals
- Activity 26: Identifying PeopleSoft Security Basics
- Portal Registry Navigation
- Activity 27: Navigating the Portal Registry
- Planning Component Registration
- Registering Components
- Activity 28: Registering a Component
- Activity 29: Registering the T1_COURSE_MATL Component

Module 13: Testing Applications

- Lesson 14: Testing Applications
- Creating and Analyzing Test Plans
- Activity 30: Creating and Analyzing Test Plans
- Testing Applications
- Activity 31: Testing the General Information Component
- Troubleshooting Issues
- Activity 32: Testing the Materials Information Component

Module 14: Portal Registry

- Lesson 15: Editing the Portal Registry Structure
- Content Organization in PeopleSoft
- Activity 33: Examining the Portal Registry (Optional)
- Creating Folders
- Activity 34: Creating Folders in the Portal Registry
- Moving or Deleting Folders
- Activity 35: Moving Folders or Content References
- Activity 36: Deleting Folders in the Portal Registry
- Activity 37: Creating the T1_COURSE_SETUP Folder

Module 15: Menus

- Lesson 16: Creating Menu Definitions
- Purpose of Menus
- Locating Component and Menu Info
- Editing Menu Item Labels
- Activity 38: Editing Menu Item Labels
- Creating Menu Definitions
- Activity 39: Creating a Menu Definition

Module 16: Impact of Design Changes

- Lesson 17: Analyzing Impact of Design Changes
- Relationships Among Definitions
- Activity 40: Determining Relationships Among Definitions
- Synchronizing Record Definitions and Database Tables
- Activity 41: Synchronizing Record Definitions and Database Tables

Module 17: Building Classic Applications

- Lesson 18: Building Classic Applications
- Recap of Development Phases
- Activity 42: Creating Course Sessions Application
- Activity 43: Creating Student Enrollment Application
- Activity 44: Creating Course Databases Application (Optional)
- Activity 45: Creating Course Database Assignment Application (Optional)

Module 18: Fluid Applications

- Lesson 19: Understanding the Fluid User Interface
- Fluid UI Overview
- Characteristics of Fluid Applications
- Building Fluid Applications
- Online Help Resources
- Lesson 20: Working with Fluid Homepages
- Fluid Homepages and Tiles
- Personalization
- Activity 46: Personalizing Fluid Homepages
- Lesson 21: Creating Fluid Pages
- Fluid Page Definitions
- Page Design Elements
- Fluid Page Types and Properties
- Page Control Properties
- Activity 47: Creating Fluid Pages
- Additional Page Controls
- Lesson 22: Working with Fluid Components
- Fluid Component Concepts
- Component Properties
- Registering Fluid Components
- General Content Reference Attributes
- Activity 48: Creating and Registering a Fluid Component
- Lesson 23: Testing Fluid Applications
- Supported Browsers and Devices
- PeopleTools Testing Features
- Third-Party Testing Tools
- Activity 49: Testing a Fluid Application
- Lesson 24: Using Delivered CSS
- CSS Concepts
- PeopleTools CSS in Fluid Applications
- Working with Delivered CSS
- Extending/Overriding Styles
- Activity 50: Modifying Installation Data Page Using CSS
- Custom Stylesheets

Module 19: Course Review

- Lesson 25: Course Review
- Navigation in PeopleSoft Applications
- Pure Internet Architecture
- Data Organization and Validation
- Eight-Step Application Development Process
- Classic vs. Fluid Applications
- Organizing Definitions into Projects
- Appendices
- Appendix A: Data Model Used in This Course
- Prompt Table Edits
- Effective-Dated Tables
- Translate Tables
- Tableset Sharing
- Appendix B: Working with the Relational Model and Normalizing Data
- Relational Data Models
- Normalization
- Understanding Keys