

## O140 - Oracle 10g Portal Management

### Course Objectives

This course is designed to introduce Oracle10g AS Portal; providing the necessary skills to understand, design, develop, maintain and administrate portal pages as well as discussing related issues.

Students will become familiar with the Portal development environment, and learn to extend portals through the use of both web and database portlet providers.

Who Should Attend	Prerequisites	Duration
Oracle/Web Developers Oracle Analyst/Programmers Web Technicians/Designers	Internet Fundamentals Oracle PLSQL (recommended) Oracle 10gAS Administration (recommended)	3 Days

### Course Contents

#### Introduction

Welcome to OAS 10g Portal  
The Portal User Interface  
OAS 10g Portal architecture

#### Design/Build a Portal

Page Groups  
Pages and Sub Pages  
Create/configure Regions  
Create/organise Pages  
Create/add Items/Portlets  
Create/apply Styles  
Navigation Components  
Using the Document Library  
Access the Document Library using WebDAV.

#### Classifying Portal Content

How to organise your content?  
Content metadata  
Categories & Perspectives

#### Data-driven Portlets

Identify/create Database Providers  
Create data driven Portlets from Tables and Views.  
Using Web Clipping Portlet  
Using OmniPortlet

#### Data-driven Application

Components  
Forms/Reports  
Calendars  
Links/Charts  
Frame Drivers  
List of Values

#### Customising Portal

Customising Pages  
Customising Portlets  
Parameters & Events  
Access privileges  
Item level security

#### Security

Log-in server architecture and configuration.  
Creating/maintaining users  
Setting user privileges  
Creating/maintaining groups  
Maintaining User Administration Website.  
LDAP Overview

#### Page Group Management

Configuring Page Groups  
Item-specific Properties  
Customizing Page Group  
Labels and Icons  
Using Templates

#### Portal Custom Types

Custom Types/Attributes  
Adding Attributes to a Custom Item Type.  
Adding Procedure Calls to a Custom Item Type.  
Custom Page Types  
Portal Searching  
Saved Searches Portlet  
Custom searching  
Advanced searching

#### Approvals and Notifications

Approval Users  
Approval Routings in Page Groups.  
Designing/Creating a Default Approval Routing  
Overriding the Default Approval Routing  
Submitting Approval Items  
Notification/Status Portlets

#### Portal Providers

Extending Portal with Providers  
Web/Database Providers

#### Configuration

HTTP Apache Server configuration  
MOD\_PLSQL configuration  
DAD configuration  
TNS Names configuration

#### Portal Administration

Configuring Portal  
Transport sets  
Database Administration