R12.x Oracle Manufacturing Functional Foundation

Duration: 4 Days

What you will learn

This course will be applicable for customers who have implemented Oracle E-Business Suite Release 12 or Oracle E-Business Suite 12.1.

Information System Professionals benefits from the functional coverage of the technical material given in application technical reference manuals. The instructor demonstrates and describes a manufacturing function such as entering a bill of material (Oracle Engineering functionality) and follows it up by a detailed discussion of an entity relationship diagram depicting the database table relationships involved in bills of material entry. The students then demonstrate their understanding by executing a SQL script to locate a particular bill of material, answer specific questions related to the database tables, with regard to that bill of material entry. The manufacturing applications that are covered in the modules include: Oracle Inventory, Oracle Bills of Material and Engineering, Oracle Cost Management, Oracle Order Management, Oracle Work in Process, Oracle Material Requirements Planning, Oracle Quality, and Oracle Purchasing. 50 entity relationship diagrams are presented and discussed.
Learn to:

Identify the major tables used in Oracle Manufacturing
Read Oracle Manufacturing entity relationship diagrams (ERDs)
Discuss the Manufacturing open interfaces and APIs
Understand the basics of Supply Chain/Manufacturing applications
Understand the major features and process flows in Oracle Manufacturing

Audience
End Users
Functional Implementer
Technical Consultant

Related Training

Required Prerequisites

R12.x Oracle E-Business Suite Essentials for Implementers

Course Objectives
Read and explain Oracle Manufacturing entity relationship diagrams

Use Oracle Manufacturing open interfaces and APIs

Understand Oracle Inventory's major features and processes

Understand Bills of Material and Engineering's major features and processes

Understand Cost Management's major features and processes

Understand Work in Process' major features and processes

Work with Oracle application basics

Understand Order Management's major features and processes

Understand Material Requirements Planning's major features and processes

Understand Purchasing major features and processes

Understand Quality's major features and processes

Course Topics

Understanding Application Basics
Describing the Applications Security Mode
Discussing Concurrent Processing
Describing Flexfields
Describing Alerts
Describing Workflows

Understanding Entity Relationship Diagrams and Tables
Reading ERDs
Understanding Custom Programs in Oracle
Setting Up Responsibilities and Users
Using Folders and Attachments
Defining Flexfields

Understanding Open Interfaces and APIs
Describing the Open Interface Model
Managing Open Interface Processing
Discussing Standards for Using Open Interfaces

Understanding Oracle Inventory
Discussing Inventory Structure
Describing Inventory Major Features and Functions
Identifying Major Tables Used in Oracle Inventory
Reading Oracle Inventory ERDs
Discussing Open Interfaces and APIs for Oracle Inventory

Understanding Oracle Bills of Material and Engineering
Discussing Bill of Material Structures, Resources, Departments, and Routings
Understanding Engineering Change Control
Identifying the Major Tables Used in Oracle Bills of Material and Engineering
Reading Oracle Bills of Material and Engineering ERDs
Discussing Open Interfaces and APIs for Oracle Bills of Material and Engineering

Understanding Oracle Cost Management

Discussing Costing Methods Supported in Oracle Cost Management

Identifying the Major Tables Used in Oracle Cost Management

Reading Oracle Cost Management ERDs

Discussing Open Interfaces and APIs for Oracle Cost Management

Understanding Oracle Work in Process

Discussing the Flow of Inventory through a Factory

Identifying the Major Tables Used in Oracle Work in Process

Reading Oracle Work in Process ERDs

Discussing Open Interfaces and APIs for Oracle Work in Process

Understanding Oracle Order Management

Describing the Order Management Process Flow

Identifying the Major Tables Used in Oracle Order Management

Reading Oracle Order Management ERDs

Discussing Open Interfaces and APIs for Oracle Order Management

Understanding Oracle Material Requirements Planning

Discussing the Planning Process

Identifying the Major Tables Used in Oracle Material Requirements Planning

Reading Oracle Material Requirements Planning ERDs

Discussing Open Interfaces and APIs for Oracle Material Requirements Planning

Understanding Oracle Purchasing

Discussing Purchasing Activities from Requisitions to Receipt of Goods

Identifying the Major Tables Used in Oracle Purchasing

Reading Oracle Purchasing ERDs

Discussing Open Interfaces and APIs for Oracle Purchasing

Understanding Oracle Quality

Understanding the Major Features and Process Flows in Oracle Quality

Identifying the Major Tables Used in Oracle Quality

Reading Oracle Quality ERDs

Discussing Open Interfaces and APIs for Oracle Purchasing