
R12.x Oracle Bills of Material and Engineering Fundamentals

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.

In this course, students will learn to use Oracle Bills of Material to define different types of bills of material to accommodate various business models and scenarios. Additionally, students will learn to use Oracle Engineering to create and implement engineering change orders. They will learn how to set up, implement, and use bill of material and engineering information. Practice sessions would enable the students to practice creating bills of material, routings and engineering change orders. They will also learn how to copy and transfer engineering information to manufacturing. Upon completion of this course, students will be prepared to use Oracle Bills of Material and Oracle Engineering.

Learn To:

- Use Oracle Engineering
- Create engineering change orders
- Create Bills of Material
- Implement engineering change orders
- Create Routings
- Use Oracle Bills of Material

Audience

End Users, Functional Implementer, Technical Administrator

Course Topics

Defining Items

- Creating Manufacturing and Engineering Items
- Using Item Templates
- Entering and Revising Item Attributes
- Enabling Organization Assignments
- Searching Items
- Viewing Item Information
- Creating Item Catalog Groups
- Defining Descriptive Elements

Setting Up Bills of Material and Routings

- Setting Up Workday Calendars
- Using the Workday Calendar
- Setting Up BOM and Routing Information
- Defining Competencies for Resources
- Defining Competencies for Routings
- Defining Competencies for Standard Operations

Creating Alternates

Defining Lookups

Creating Bills of Material

Overview of Bills of Material

Creating Standard Bills of Material

Entering Bills of Material

Assigning Descriptive Elements

Creating Reference Designators

Assigning Substitute Components

Creating Alternate Bills of Material

Creating Customized Bills of Material

Creating Planning, Model and Option Class Bills of Material

Using Configure to Order Features

Autocreating Configuration Items

Deactivating Configuration Items

Creating Product Families

Assigning Members

Maintaining Bills of Material

Revising Bills of Material and Items

Using Tools Menu

Reviewing Indented Bills of Material

Comparing Bills of Material

Using Common Bills of Material

Performing Mass Changes

Bills of Material E-Records

Bills of Material Business Events

Create Routings

Creating Routings

Defining Operating Competencies for Performing Routing Operations

Calculating Lead Times

Computing Manufacturing Lead Time

Calculating Cumulative Total Lead Time

Maintaining Routings

Revising Routings

Creating Standard Operations

Defining Operation Competencies for Standard Operations

Viewing Resource Usage

Common Bills of Material and Routing Functionality

- Copying Bills and Routings
- Referencing Common Bills and Routings
- Defining Documents
- Defining Bill and Operation Documents
- Deleting Information
- Importing Bills and Routings

Engineering Overview

- Introducing Oracle Engineering

Setting Up Oracle Engineering

- Setting Up Engineering Flowchart

Creating Engineering Change Orders

- Engineering Change Orders Overview
- Creating ECOs
- ECO Life Cycle

Maintaining Engineering Change Orders

- Implementing ECOs
- Viewing ECO Information
- Running ECO Reports
- Managing ECOs
- Understanding Engineering Change Order Business Object Interface

Transferring and Copying Engineering Items, Bills, and Routings

- Transferring and Copying Product Information
- Transferring Information to Manufacturing
- Copying Information to Manufacturing