



R12.2 Oracle Bills of Material and Engineering Fundamentals

This course will be applicable for customers who have implemented Oracle E-Business Suite Release 12 or Oracle E-Business Suite 12.1 or 12.2.7

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

- Administrator
- End User
- Implementer

Objectives

- Compare bills of material
- Calculate lead times
- Define and maintain manufacturing and engineering items

- Set up Engineering flowchart
- Create Engineering Change Orders
- Transfer and copy items, bills, and routings
- Understand item functionality
- Understand and use item templates
- Set up bills of material and routings
- Set up and use Workday Calendars
- Set up Bills of Material and routing information
- Create standard bills of material
- Create alternate bills of material
- Create planning, model and option class bills of material
- Use configure to order feature
- Revise bills of material and items

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