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## ORACLE DEVELOPER – EXPRESS

Duration: 5 days

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***Develop the skills to effectively design forms, build reports and integrate graphics utilizing Oracle Developer - Express***

### Course Description:

This lab-intensive course prepares participants to create forms, reports and charts using Developer, Oracle's object-oriented GUI development tool set.

### Participants will learn...

- To design GUI forms using Oracle Forms
- To build reports with Oracle Reports
- To integrate graphics using Oracle Graphics

### Who Needs to Attend:

Application Designers, Developers and Technical Support Personnel

### Prerequisites:

Oracle Foundation Classes (SQL Basics & SQL\*Plus and PL/SQL) or [equivalent experience](#)

### Course Content:

#### RUNNING AN ORACLE FORMS APPLICATION

- Entity relationship diagram
- The parts of an Oracle Forms application
- Oracle Forms application-main components
- Runtime Forms module
- Invoking the Forms runtime processor
- On-line help at runtime
- Modes of operation
- Retrieving data from the database
- Inputting, Updating, and Deleting a record from the database

#### USING THE FORMS DESIGN INTERFACE

- Invoking the Forms Builder
- The Forms Builder main menu
- Using the object navigator
- Features and terms of the Object Navigator

#### BUILDING A BASIC FORMS MODULE

- Connecting to the database
- Creating a new block using the data block wizard and Creating a new block manually
- Modifying an existing layout
- Saving and Compiling the Forms module
- Oracle Forms files and block items
- Item properties and Item specific properties
- Display and List item
- Checkbox
- Radio group and Radio button
- Button and Image

#### DEVELOPING INHERITABLE AND REUSABLE OBJECTS

- Visual attributes
- Property classes and class maintenance
- Copy/subclass objects among Forms modules
- Using the copy method and the subclass method for object re-usability
- Object groups

#### BUILDING A ROBUST FORMS MODULE

- Steps in developing a Forms application and building a Forms module
- Opening the skeleton and saving with a new name
- Creating a new block using the data block wizard and Creating a new block manually
- Saving the Forms module
- Compiling and testing the Forms module
- Modify and add new objects
- Windows
- Creating canvas-views and a detail block
- Relations
- Specialized windows
- Editors and Editor properties
- List of values
- LOV property list and properties
- Record groups
- Alerts
- Tailor appearance
- Misc. customization

#### CUSTOMIZING A FORMS MODULE

- Steps in developing a Forms application
- Altering default processing