

## O310 - Oracle 9i Designer Part 1

### Course Objectives

This practical course introduces the Designer v9i tool environment and covers the techniques and methods associated with Business Process Engineering, Systems Analysis, Entity Modelling, Functional Decomposition and Design.

The course also covers the v6i repository tools used to model business processes and functions.

This practical hands-on course covers the full range of graphical modelling tools found within the Designer Upper Case modules together with the techniques needed to deploy working business analysis solutions.

Who Should Attend	Prerequisites	Duration
Oracle Analyst/Programmers Oracle Technicians Oracle Designers	PC Fundamentals	4 Days

### Course Contents

#### Introduction

Developing Systems  
Methodologies  
CASE Tools  
CASE Repositories  
Designer v9i  
Client Server  
Tool Manager  
Upper Case Tools  
Automation Tools  
Lower Case Tools  
Generator Tools  
Support Utilities  
Repository Data Flow  
Access and Control  
Versioning  
Workareas  
Containers

#### Repository Object Navigation

Repository Object Navigator  
Application Creation  
Property Sheets  
Property Sheet Buttons  
Application Properties  
Editing Properties  
Object Navigation  
File Menu  
Edit Menu  
RON Preferences  
View Menu  
Navigator Menu  
Utilities Menu  
Application Menu  
Tools Menu  
Help Menu  
RON Buttons

#### Information Processing

Information Processing  
Matrix Diagrams  
The Matrix Toolbar  
Designer Reports  
The Reports Navigator  
Report Groupings  
The Reports Toolbar

#### Business Process Engineering

Business Processes  
Business Process Modelling  
Business Process  
Identification  
Business Process  
Information  
Business Organisation  
Structures  
Business Process Re-engineering  
Benefits  
The Process Modeller  
Process Modeller Toolbar  
Process Drawing Toolbar

#### Entity Modelling

Systems Analysis  
CATWOE  
An Imaginary Payroll System  
Example  
Conventions and Definitions  
Entities  
Relationships  
Attributes  
Entity Life Histories  
An Attribute that Becomes  
An Entity

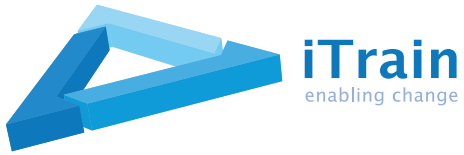
Primary Keys and  
Uniqueness  
Foreign Keys  
The m:n Problem -Intersection  
Entities  
Building Entities: Transitions  
Domains  
Checklist  
Entity Sub-Types and Super-Types  
Exclusivity and Arcs  
Rules for Arc Notation

#### Entity Diagrams

Introduction  
Entity Diagrammer  
Entity Diagrammer Interface  
Preferences  
Creating Entities  
Entity Properties  
Creating Relationships  
Drawing Relationships  
Relationship Properties  
File Menu  
Edit Menu  
View Menu  
Utility Menu  
Toolbar  
Methods

#### Dataflow Diagrams

Introduction  
Diagram Components  
Dataflow Diagrammer  
Diagram Tools  
Functions and Dataflows  
Modelling Techniques



## COURSE OVERVIEWS

### **Function Analysis**

Function Analysis

Diagrammer Preferences

Data Usage

Diagram Elements

Function Hierarchy - New

Features

Function Definition

Methods