



©2016 Capgemini. All rights reserved.

The information contained in this document is proprietary and confidential. For Capgemini only.



## Document History

Date	Course Version No.	Software Version No.	Developer / SME	Reviewer(s)	Approver	Change Record Remarks
06-Oct-2008	0.1D	NA	Vaishali Kunchur			Content Creation
09-Dec-2008		NA	CLS team			Review
Jan-2009	1.0	NA	Nilendra Nagwekar			Review
08-May-2009	1.2	NA	Veena Deshpande			Updates based on Repository Review Comments
05-May-2011	1.3	NA	Veena Deshpande			Updates as part of Integration Exercise
Apr - 2016	1.4	NA	Kavita Arora	Anjulata	Mahima Sharma	Refinement as per integrated ToC

## Course Goals and Non Goals

### ➤ Course Goals

- At the end of this program, participants gain an understanding of the need of UML and different diagrams in UML.

### ➤ Course Non Goals

- Detailed design and integration is not the part of this course.



# Pre-requisites



- Fair Knowledge of OOP

## Intended Audience

- Programmers and Designers in Object-Oriented
- Technology



## Day Wise Schedule



### ➤ Day 1

- Lesson 1: Introducing UML
- Lesson 2: Dynamic View Diagrams)
- Lesson 3: Static View Diagrams
- Lesson 4: General and Extension Mechanisms in UML

## Table of Contents



- Lesson 1: Introducing UML
  - 1.1. Principles of Modeling
  - 1.2. What is UML? What UML is NOT?
  - 1.3. UML Building Blocks
  - 1.4. UML Diagrams
- Lesson 2: Dynamic View Diagrams
  - 2.1. Use Case Diagrams
  - 2.2. Activity Diagrams
  - 2.3. Sequence Diagrams
  - 2.4. State Chart Diagrams

## Table of Contents



- Lesson 3: Static View Diagrams
  - 3.1. Class Diagrams
  - 3.2. Object Diagrams
- Lesson 4: General and Extension Mechanisms
  - 4.1. UML General Mechanisms
  - 4.2. UML Extension Mechanisms



## References



- Student material:
  - Class Book (presentation slides with notes)
- Book:
  - UML User's Guide; by Grady Booch, Ivar Jacobson, and James Rumbaugh
- Web-site:
  - <http://www.uml.org/>



## Next Step Courses



- Object Oriented Analysis and Design with UML

## Other Parallel Technology Areas



- NA (Notations exist but not as an industry wide standard on par with UML)