

# Course Description

## Integrating RUP into the Software Development Lifecycle (SDLC) AMS126

14 Professional Development Units  
14 Education Hours

### Overview

This course will focus on the integration of Rational Unified Process [RUP] into the Software Development Life Cycle [SDLC]. The SDLC focus is on five basic phases for development of software: Analysis, Design, Development, Test and Deployment. The emphasis of the course will be to integrate the four phases of RUP (Inception, Elaboration, Construction and Transition) into the SDLC. The importance of the integration will be fully understood as students fully realize that each phase of RUP is an entity within each of the critical phase of the SDLC. The course will focus on the role of the student with respect to both business modeling and requirements definition.



### Learning Objectives

- Understand the structure and the dynamics of the organization
- Understand the system requirements necessary in which a system is to be deployed
- Understand current problems in the target organization and identify improvement potentials
- Ensure that customers, end-users and developers have a common understanding of improvement potentials
- Understand the purpose of requirements
- Define the boundaries of the system
- Provide a basis for planning the technical contents of iterations and for estimating cost and time to develop the system
- Define a user interface

### Format

This course is highly interactive and adaptive to class interests and needs. A lecture/discussion approach is used and is accompanied by hands-on exercises.

### Duration

Two days

### Who Should Attend

IT professionals who wish to learn about the integration and merger of RUP and SDLC concepts would benefit by taking this course.