

**Module Title : Application Lifecycle Management (ALM)**

**Duration : 2 days**

## Overview

Application Lifecycle Management (ALM) will guide an organization to an area of rapidly growing interest within the development community: managing the entire cycle of building software. In this program we will discover everything from requirements specifications to retirement of an IT-system or application as part of application lifecycle management.

In this program we discuss techniques that allow you to deal with the process of developing applications across many areas of responsibility and across many different disciplines, the benefits and effects of ALM techniques used on your project can be wide-ranging and pronounced.

Candidates can expect to gain knowledge and competencies in the following areas upon successful completion of the program.

## Course Outline

### DAY 1

- What application lifecycle management is and why it matters.
- Introduction to Application Lifecycle Management
- Development processes and framework and Steps necessary
  - Waterfall Model
  - Spiral Model
  - Rational Unified Process development Process
  - Extreme Programming (XP)
  - Scrum
- Tips and techniques you can use to gain control of your development efforts.
- How to implement scrum and an agile framework into your ALM process

### DAY 2

- ALM Assessment
- How to achieve traceability and visibility in your projects
- How to automate your ALM process
- How ALM can support work-planning activities in the projects you run

- Focus on collaboration and how you can enable better collaboration using ALM tools
- Metrics in ALM
- How does DevOps play a role in ALM.