



# Enterprise Architecture and Modelling for Digital Transformation Projects

An Approach to Construct Digital Solutions

## ► Upcoming Sessions

19-23 Aug 2024	Dubai - UAE	\$5,950
18-22 Nov 2024	Dubai - UAE	\$5,950

## ► Training Details

### Training Course Overview

The world we live in becoming increasingly complex with fusion of socio-technical and cyber-physical systems. Innovators are developing systems that are not necessarily scientific, but rather depends on the evolving requirements of the new brave world. Economies change rapidly, social systems evolve quickly and ecology needs our immediate attention. Sufficient understanding, good analysis and rapid design and development are needed to develop systems of today and future. There are approaches and tools allow us to do that by recognizing the complex relations and interactions within a system or among several business and social systems. Architectural thinking is a way to think how best we can build socio-technical and cyber-physical world of future. This Anderson training course aims to develop awareness of the importance of systematic approaches for architecting and modelling systems in digital transformation initiatives

#### This Anderson training course will feature:

- What is enterprise architecture? Why it is important?
- Systems thinking and design principles & capabilities-oriented view of enterprise transformation
- The role of modelling in business improvement and IT alignment
- How to use agile enterprise architecting and modelling to achieve successful transformation
- Requirements elicitation from structure to agile project
- Tools to improve decision-making throughout the architecting project

### Training Course Objectives

#### By the end of this training course, participants will be able to:

- Explain the role of an Architect - and try it in practice.
- Appreciate different stages in a project, focusing on the proposal stage.
- Exposed to a practical example of using a method that is applied to a real solution.
- Improve their awareness of the range of areas IT development should consider (not just hardware and software).
- Understand hands on modelling tools.
- Learn vocabulary and principles of technical and application architecture.

### Designed For

**This Anderson training course is suitable to a wide range of professionals but will greatly benefit:**

- ▶ IT Managers
- ▶ IT Specialists
- ▶ Solution and IT architects
- ▶ Digital business unit managers
- ▶ IT-Business analysts

## ▶ Training Details

### The Course Content

- ▶ Introduction to systems and complex systems design
- ▶ Enterprise architectures, why and who needs them and how they work
- ▶ Architecture frameworks
- ▶ Goal oriented modelling
- ▶ What architects do?
- ▶ Main concepts, roles and responsibilities
- ▶ Business Process modelling
- ▶ IT architecture techniques
- ▶ Requirements elicitation
- ▶ Functional, Non-functional & modelling requirements
- ▶ Systems thinking
- ▶ Model driven architecture & Modelling with UML
- ▶ Tools & Use-cases
- ▶ Agile practices in architecting
- ▶ Capabilities oriented modelling
- ▶ Scenario analysis
- ▶ Contemporary issues in architecting and modelling (critical view)

## ▶ The Certificate

Anderson Certificate of Completion will be provided to delegates who attend and complete the course

### ▶ INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

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Request for a Tailor-made training and educational experience for your organization now:

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