

## 2 day UML with Enterprise Architect for UML Practitioners

### Course Overview

This course is designed to be a detailed introduction to Enterprise Architect; it is aimed at people who want to quickly gain a proficiency in the use of Enterprise Architect and who have some prior knowledge of the UML. It is detailed in its coverage and attempts to teach most of the important aspects of the application, its structure and features, including some of the more advanced features of the tool.

### What will I learn?

This course is aimed at newcomers to EA who have past experience in the UML and as such its objectives are to cover all the UML diagrams and most of the features in the tool. Delegates will gain a practical knowledge of UML and EA to allow them to immediately start working on projects using UML and EA.

### Course Style

50% lectures and 50% practical (hands on labs using the Enterprise Architect tool).

### Course Contents

**Getting Started** This module provides a general overview of Enterprise Architect, teaching the student the application's main features.

**Diagrams** This course will cover all of the UML 2.0 diagrams, these are: Use Case diagrams, Activity diagrams, Sequence diagrams, Communication diagrams, Class diagrams, Object diagrams, State Chart diagrams, Component diagrams, Package diagrams, Deployment diagrams, Timing diagrams, Composite Structure diagrams, and Interaction Overview diagrams. The focus will be on how to draw the diagrams as well as when to use the various diagram types.

**Documenting a Project** This module describes the unique documentation features that are part of the Enterprise Architect application. It covers how to use existing document templates and also how to customise your own templates to get what you need out of the model.

**Version Control** In this module we will look at how to integrate your Enterprise Architect model with your version control system. We will also cover baselining and discuss what processes should be followed to get the most out of version control.

**Code Engineering** This module will provide a detailed look at the code generation and reverse engineering features of Enterprise Architect. Topics covered will be forward and reverse engineering of code and databases, transformations, and debugging within EA. We will also look at customising the code generation templates in EA, the Automation Interface, and writing custom code generation plugins.