# UML Training Courses from CRaG Systems

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## Integrated UML Training Courses

These UML training courses are designed to provide a unified approach to training at the start of a new project or as a periodic skills update. The first four are made up of short training course modules run consecutively. Use the 'Purpose' column to decide which integrated course covers the set of modelling skills that matches your development process improvement expectations. Flexible pricing is available for small on-site classes. Custom courses can be created to your specifications. The contents of the first three integrated courses are covered in the schedule of scheduled public training courses.

| Course Title | Purpose | Process Stage | Days |
|---|---|---|---|
| **Business Analysis and Systems Requirements Definition Using UML and Use Cases** | 1. Create a detailed model of business processes and structure.<br>2. Produce from it a set of functional requirements in Use Case form for a computer system to automate some of the business processes. | Business Analysis<br>Requirements Gathering | 3 |
| **Business Process and Systems Requirements Definition Using UML and Use Cases** | 1. Create a detailed model of business processes.<br>2. Produce from it a set of functional requirements in Use Case form for a computer system to automate some of the business processes. | Business Analysis<br>Requirements Gathering | 2 |
| **System Requirements Definition and System Analysis Using Use Cases and UML** | 1. Specify a set of functional requirements in Use Case form for a computer system.<br>2. Create a detailed, technology-free model of the functionality of the computer system sufficient for software development. | Requirements Gathering<br>System Analysis | 3 |
| **Business Analysis, Requirements Definition and System Analysis Using UML** | 1. Create a detailed model of business processes and structure.<br>2. Produce from it a set of functional requirements in Use Case form for a computer system to automate some of the business processes.<br>3. Create a detailed, technology-free model of the functionality of the computer system sufficient for software development. | Business Analysis<br>Requirements Gathering<br>System Analysis | 5 |
| **Business Process, Requirements Definition and System Analysis Using UML** | 1. Create a detailed model of business processes.<br>2. Produce from it a set of functional requirements in Use Case form for a computer system to automate some of the business processes.<br>3. Create a detailed, technology-free model of the functionality of the computer system sufficient for software development. | Business Analysis<br>Requirements Gathering<br>System Analysis | 4 |

| Course Title | Purpose | Process Stage | Days |
|---|---|---|---|
| **Object Oriented Analysis and Design Using UML** | 1. Produce a set of functional requirements in Use Case form for a computer system.<br><br>2. Create a detailed, technology-free model of the functionality of the computer system sufficient for software development.<br><br>3. Create a detailed design of each system component, down to class property level, including use of libraries and frameworks, ready for coding. | Requirements Gathering<br><br>System Analysis<br><br>System Architecture<br><br>Detailed Design | 5 |
| **Real-time Object Oriented Analysis and Design Using UML** | 1. Produce a set of functional requirements in Use Case form for a real-time/embedded computer system.<br><br>2. Create a detailed, technology-free model of the functionality of the real-time/embedded computer system sufficient for software development.<br><br>3. Create a detailed design of each real-time/embedded system component, down to class property level, including use of libraries and frameworks, ready for coding. | Requirements Gathering<br><br>System Analysis<br><br>System Architecture<br><br>Detailed Design | 5 |
| **Real-time System Requirements Definition and System Analysis using SysML** | 1. Produce a set of functional requirements in Use Case form for a real-time/embedded computer system.<br><br>2. Create a high level model of the system structure and a detailed, technology-free model of the functionality of the real-time/embedded computer system sufficient for software development. | Requirements Gathering<br><br>System Analysis | 3 |