

# Course : UML 2.0, Entreprise Modeling

*Practical course - 4d - 28h00 - Ref. UML*

*Price : 2100 € E.T.*

UML (Unified Modelling Language) is the standard notation that has become indispensable for modelling information systems. It makes it possible to specify, view, construct and document all the artefacts of the system, and is suited just as well to information systems as it is to software, technical, business or real-time systems. This course will allow you to acquire the knowledge required to use UML and to implement the best practices of object analysis and design. Examples and actual case studies reveal UML's technical details and the different steps in constructing an IT solution. At the end of this course, the participants will be able to evaluate the benefits obtained from using UML and object-oriented design in project development.

## Intended audience

This course is aimed at project leaders, analysts, designers, software architects and developers involved in developing object-oriented projects.

## Prerequisites

Participants must have a general knowledge of information technology. Experience in analysis and design, and knowledge of an object-oriented language, are not required but would be an advantage.

## Practical details

### Hands-on work

A range of case studies makes it possible to learn the various phases of object modelling in UML. Environments, drawn from industry or the Open Source community, are presented for demonstration purposes. The exercises and case studies are performed using Rational Rose or XDE tools.

## Course schedule

- 1 The Object approach
- 2 Object analysis and design, an introduction to UML
- 3 UML diagram of cases of use

### PARTICIPANTS

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### PREREQUISITES

Participants must have a general knowledge of information technology. Experience in analysis and design, and knowledge of an object-oriented language, are not required but would be an advantage.

### TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

### ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

- 4 UML diagrams of static modelling
- 5 UML diagrams of dynamic modelling
- 6 Finalising the system
- 7 Advanced concepts, tools

#### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

#### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

#### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.

## Dates and locations

### REMOTE CLASS

2026 : 24 Mar., 24 Mar., 19 May, 19 May, 6 Oct., 6 Oct., 8 Dec., 8 Dec.

### PARIS LA DÉFENSE

2026 : 24 Mar., 19 May, 6 Oct., 8 Dec.