

# Unified Process Distilled

## **Duration1**

2 days

## **Instructor**

Craig Larman

## **Class Limit**

20 students

## **Prerequisite**

None

## **Price**

On-site:

Please contact SPC  
for pricing (contact  
information on page 2)

Public Training:

\$995 (2 days)

\*Discount available for  
early registration

## **Materials Provided**

- Student manual containing the course slides
- Student handouts with class exercises and class studies

With good reason, the Unified Process (UP), and especially its refinement, the Rational Unified Process, has emerged as a modern industry standard for software development process. It combines widely accepted best practices and values in development, is cohesive and well documented, incorporates popular practices of use cases and object modeling, and enjoys the support of leading methodologists. This seminar will provide participants with the fundamental knowledge of applying the UP and will demonstrate the UP's underlying values and motivation.

This intensive seminar will carefully explore the motivation for iterative development and the unfortunate, but all too common, attempts to superimpose "waterfall" or sequential lifecycle concepts onto an iterative lifecycle process such as the UP. An exploration of the key ideas and best practices in the UP will follow, along with the steps necessary to guarantee failure in trying to adopt the UP. This seminar will also explore other light processes, such as Extreme Programming, how it relates to the UP, and justify the claim that the UP is, or at least should be practiced as a light, adaptive process.

## **Intended Audience**

This seminar is intended for both developers and managers. Those in a leadership role who are considering a transition to iterative development or the UP are especially encouraged to attend., because without well-informed and supportive leadership, the transition is risky and unlikely to realize its potential benefits.



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### **Instructor**

Craig Larman is the author of *Applying UML and Patterns--An Introduction to Object-oriented Analysis and Design* (Prentice Hall, 1998), the world's best-selling text on object-oriented analysis and design and the UML, in five languages. He also co-authored *Java 2 Performance and Idiom Guide* (Prentice Hall, 1999) and writes the "Modeling and Java" column in *Java Report*. Craig is a popular conference speaker, and conference board member, at events such as OOPSLA, Software Development, and UML World.

Craig serves as Director, Process and Methodology, at Valtech, an international consulting group with divisions throughout Europe and the USA. In this role, his recent focus has been helping organizations in the adoption of iterative lifecycle processes such as the Unified Process. Craig holds a B.Sc. and M.Sc. in computer science, with research emphasis in artificial intelligence, object-oriented knowledge representation and case-based reasoning.

### **Outline**

- Iterative and Waterfall
- Lifecycles
- Why the Unified Process (UP)?
- The Most Important UP Idea
- Process Attitudes and Values
- Software Project Research: The Motivation for Iterative Development
- Introduction to the UP
- Inception
- Elaboration
- Construction
- Transition
- Adopting the UP
- Research-based Best Practices
- Extreme Programming and Light Methods
- Planning and Estimation in the UP

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For more information on this or other SPC Springboard courses, please visit [www.spcspringboard.com](http://www.spcspringboard.com) or e-mail SPC at [info@spc.ca](mailto:info@spc.ca)

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