



Agent and Object Technology Lab
Dipartimento di Ingegneria dell'Informazione
Università degli Studi di Parma



Advanced Software Engineering

Introduction

Prof. Agostino Poggi

◆ Theory

- Software Development Process and UML
- Agile Software Development
 - Unified Process
 - Extreme Programming
- Model Driven Development
 - Model Driven Architecture
- Development Process Engineering

◆ Practice

- Eclipse tools and techniques for the realization of graphical plug-ins
- Realization of a graphical plug-in

- ♦ Jim Arlow, Ila Neustadt. UML 2 e Unified Process: Analisi e progettazione Object-Oriented, 2/ed, Mc Graw Hill, 2007.
- ♦ Ian Sommerville. Ingegneria del software, 8/ed, Pearson Education, 2007.

- ♦ My Home Page: <http://www.ce.unipr.it/people/poggi>
- ♦ JAVA: <http://java.sun.com>
- ♦ IBM: <http://www.ibm.org>
- ♦ OMG: <http://www.omg.org>
- ♦ Eclipse: <http://www.eclipse.org>

- ◆ Three components:
 - A theory test after the teaching period
 - A software project
 - Lab lessons and project meetings frequency

- ◆ Software project may be continued:
 - Computer Engineering Lab course

- ◆ Office:
Palazzina 1 – Sede Scientifica Ingegneria
Parco Area delle Scienze 181A
- ◆ Phone number: 0521 90 5728
- ◆ Fax number: 0521 90 5723
- ◆ Email: poggi@ce.unipr.it

- ♦ Office:
Palazzina 1 – Sede Scientifica Ingegneria
Parco Area delle Scienze 181A
- ♦ Phone number: 0521 90 5712
- ♦ Fax number: 0521 90 5723
- ♦ Email: negri@ce.unipr.it