

Informatica Industriale

<http://softeng.polito.it/courses/01BHK/>



SoftEng
<http://softeng.polito.it>

Instructors

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Office hours

- Class-time (break)
- Or send e-mail to schedule an appointment

Timetable

Vedere

[http://corsiadistanza.polito.it/corsi/gestione/corso.php?
aacc=2011&id=528&cdl=429&pag=Tutorati](http://corsiadistanza.polito.it/corsi/gestione/corso.php?aacc=2011&id=528&cdl=429&pag=Tutorati)

Course objectives

- This class is **NOT** about programming
- This class **is** about information systems and their role in digital enterprises
 - ◆ Interaction among IS, organizations, management, business processes
- Technology (Internet, DBs, web apps, etc.) is the enabler

Other arguments

- Methods and processes to build software and software systems
 - ◆ Requirements, design, implementation, testing, verification validation, ..
 - ◆ Waterfall, prototyping, iterative
- Languages to model software and software systems
 - ◆ UML

Course objectives

- Give an overview of widespread IT technologies
- Give a definition of Information Systems (IS)
- Understand relationship IS – business processes and organization
- Analyze how IS supports, improves (or limits) business processes

Polling the room...

- Technologies to build up Information Systems
 - ◆ Web applications
 - ◆ Databases
 - ◆ Networks
 - ◆ Middleware and distributed systems
 - ◆ Data mining, data warehouse
 - ◆ Security

Classware

- Slides on course website
- Optionally:
 - ◆ Bracchi, Francalanci, Motta, “Sistemi informativi per l’impresa digitale”, McGraw Hill 2005
 - ◆ Daft, Organizational theory and design.
 - MORISIO M., FALCARIN P., VETRO' A., Software Engineering Exercices, CLUT (ITA), pp. 98, 2010, pages 1-98, ISBN: 9788879922876

Web site

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- News about the course
- Material
 - ◆ Slides, exercises, links