



## COURSE PRESENTATION FORM - ACADEMIC YEAR 2010/2011

<b>COURSE NAME</b>	<b>Software Engineering Project</b>
<b>COURSE CODE</b>	70095 (BSc DM 509)
<b>LECTURER</b>	<a href="#">Alberto Sillitti</a>
<b>TEACHING ASSISTANTS</b>	TBD
<b>TEACHING LANGUAGE</b>	English
<b>CREDIT POINTS</b>	8
<b>LECTURE HOURS</b>	48
<b>EXERCISE HOURS</b>	24
<b>OFFICE HOURS LECTURER</b>	TBD
<b>OFFICE HOURS TEACHING ASSISTANT</b>	TBD
<b>PREREQUISITES</b>	<p>Understanding of the basic phases of the software lifecycle, and the problem connected to them. Ability of developing small to medium size software projects in Java with an object oriented approach and working in teams.</p> <p>Note: Even if it is not a formal requirement, students are strongly advised to have passed Programming Project and Software Engineering before enrolling in this course.</p>
<b>OBJECTIVES</b>	To learn how to develop solid software systems using software engineering techniques.
<b>SYLLABUS</b>	C++ coding Techniques Testing in Software Development Modern Programming Methodologies
<b>TEACHING FORMAT</b>	Lectures plus exercises in laboratory.
<b>ASSESSMENT</b>	Project (50%) Final exam (50%) Note: in order to pass the course, you must pass all parts.
<b>READING LIST</b>	Lecture notes and papers will be handed out during the course. A good reference book is Thinking in C++ by B.Eckel downloadable from website of the author, <a href="http://www.bruceeckel.com">www.bruceeckel.com</a> .
<b>SOFTWARE USED</b>	Compilers for Java and C++



FREIE UNIVERSITÄT BOZEN

LIBERA UNIVERSITÀ DI BOLZANO

FREE UNIVERSITY OF BOZEN - BOLZANO

Fakultät für Informatik

Facoltà di Scienze e Tecnologie informatiche

Faculty of Computer Science

Eclipse  
Subversion  
JUnit/CUnit  
Office/Open Office

**LEARNING OUTCOME**

Experience in C++ programming  
Capability of designing and developing solutions in different execution paradigms and appreciation of the logical and physical implications of specific design and development selections  
Ability of measuring and testing the progression of a software project  
Awareness of the key role of tools in software engineering with the skills to select the most suited depending on the circumstances

**COURSE PAGE**

[www.teleacademy.it](http://www.teleacademy.it)