Course Syllabi

CODE   108

NAME   Introduction to Software Engineering

Credits   6 ECTS

Period   Spring Semester

Course Specifications

The course is mainly based on lectures in which student participation is encouraged through classroom debates and collaborative development of exercises. Students will work on assignments both individually and in groups. Lab work will be used to teach selected software engineering tools and to develop the ability to apply the theoretical knowledge in practical scenarios. Extra activities include peer reviews, writing essays and solving proposed exercises.

Objectives and contents

This is an introductory course in Software Engineering. As such and given the wide domain of the subject in terms of techniques and tools, the course is necessarily dense in content. We cover the concepts, processes, techniques, tools, and standards that affect the development of a software project with a focus on the aspects of code management, version control, testing and quality assurance. Our goal is to provide students with a good understanding of the pillars of software development that will provide them with the necessary skills to successfully take courses on other specific areas of software engineering.

Assessment

Continuous assessment of the student participation in lectures, debates, and lab sessions throughout the course. Evaluation of student assignments. Written and practical (on computer) examinations.

Lecturer

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