Testing Object-Oriented Systems

Introduction

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Course Information

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- Lectures in room 403

- All important information on
  www.liacs.nl/~marcello/toos.xhtml
  - Slides
  - Schedule student presentations
Course Organization

- Overview and introduction to software testing
- Presentations on coverage criteria for software testing
- Weekly homework exercises
- Assignment: Design and implementation of a tool for unit testing environment
  - Unit testing
  - Written report
- Evaluation
Evaluation

- The course is 6 ECTS worth

- Grade
  - Presentation and participation 60%
  - Report on own test environment 40%

- All homework exercises must be delivered on time
Prerequisites

- Knowledge of **object-oriented** programming
Introduction to Software Testing

- ISBN978-0-521-88038

The coverage part is based on this book.
Final advice

- TOOS is a research-oriented seminar. It requires:
  - participation and engagement
  - critical discourse
  - research and reading
  - analysis and writing
  - some effort

- Review the course slides
- Don’t miss the deadline
- Start the project work early