

Software Testing

Lesson 0 General information V1.0

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Contents

- Administrative
- Contents of the course
- Resources
- General Idea
- Grading



Administrative

- 219343: Software Testing
- Lecturer
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- Lecture documentation:
 - <http://mike.cpe.ku.ac.th/~uwe>
- Office hours: on demand



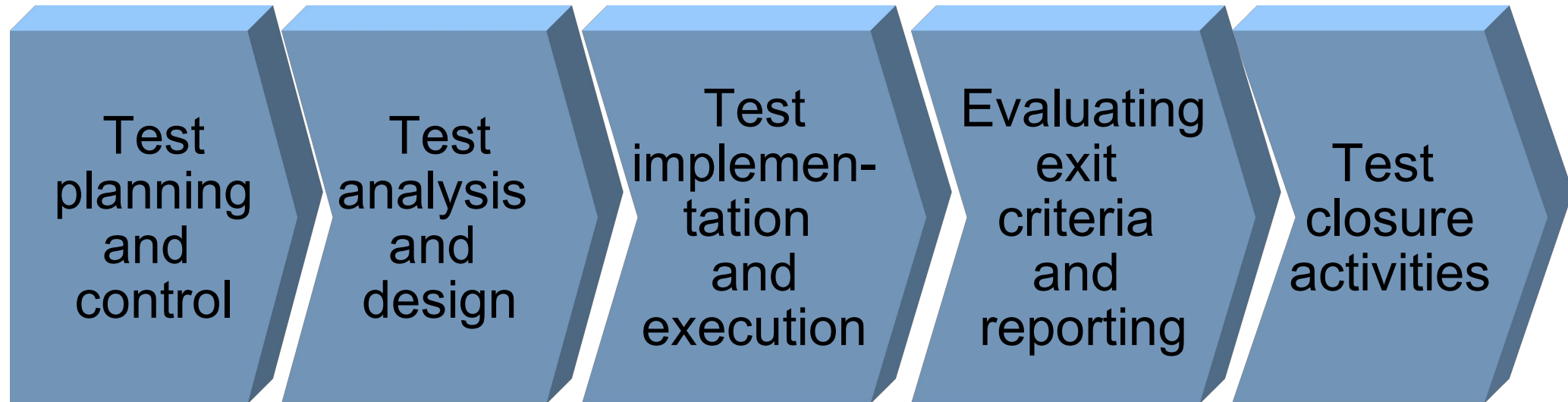
Contents of the course (1/2)

- Basic Test Process
- Testing in Software Life Cycles
- Requirements
- Static Testing
- Dynamic Testing I and II
- Test Planning
- Test Execution
- Defect Management
- Test tools
- Test reports



Contents of the course (2/2)

- Fundamental Test Process





Resources

- The course follows ISTQB Syllabus for Certified Testers, Foundation Level, Version 2011, available at webpage of International Software Testing Qualifications Board, <http://www.istqb.org>
- Open source software testing tools, <http://www.opensourcetesting.org>
- Software Testing Genius, ISTQB related documents, <http://www.softwaretestinggenius.com>
- Cem Kaner, Jack Falk, Hung Quoc Nguyen: Testing Computer Software, Wiley Computer Publishing, 1999
- Cem Kaner, James Bach, Bret Pettichord: Lessons Learned in Software Testing, Wiley Computer Publishing, 2002



General Idea

- Following ISTQB Syllabus for Certified Testers (Foundation Level)
- Presentations from students concerning specific test topics
→ Support group work



Grading

- The score of the course will be calculated like this:
 - 40 % Group work
One score will be given to each member of a group
Base for the score for the group work is a presentation given to the course
 - 30 % Midterm examination
 - 30 % Final examination at the end of the course