Lecture 12: Industry
Guest Lecture I – Modern Testing Principles

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Spring 2019
Exam Dates

• Exam 1: Tue 21-May, 8:15-9:55, rooms 403/405 – max. 65 stud.
• Exam 2: Fri 24-May, 14:15-15:55, rooms 404/405 – max. 65 stud.

You must receive

… at least 33 marks (out of 100) from the homework assignments
to qualify for the exam and

… at least 10 marks in the exam to not fail the course.

In total, you need at least 50 marks to not fail the course.

• Retake Exam (resit): 13-June, 10:15-11:55 (J. Liivi 2-611)
  – Please note that you must register for the retake exam at the latest 3 days
    before the exam date
Exam Dates

- Exam 1: Tue 21-May, 8:15-9:55, rooms 403/405 – max. 65 stud.

You must receive at least 20 marks from the homework assignments to qualify for the exam and at least 10 marks in the exam to not fail the course.

In total, you need at least 50 marks to not fail the course.

- Retake Exam (resit): 13-June, 10:15-11:55 (Liivi 2-611)
  - Please note that you must register for the retake exam at the latest 3 days before the exam date

The “or” is exclusive → Exam 1 xor Exam 2
Exam Dates

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Study Regulation: “If the student is not present at the exam, mark ‘F’ (fail) should be inserted into SIS. If the students was sick, he/she should present medical certificate to Ülle Holm or Heili Kase who will cancel the result.”
Lectures (J. Liivi 2-111)

• Lecture 1 (14.02) – Introduction to Software Testing
• Lecture 2 (21.02) – Basic Black-Box Testing Techniques
• Lecture 3 (28.02) – BBT advanced: Combinatorial Testing
• Lecture 4 (07.03) – Basic White-Box Testing Techniques
• Lecture 5 (14.03) – Test Lifecycle, Test Tools, Test Automation
• Lecture 6 (21.03) – Test Levels / BDD & Behavior T. / GUI Testing / Visual Testing
• Lecture 7 (28.03) – BBT advanced: State-Transition Testing & Exploratory Testing
• Lecture 8 (04.04) – BBT advanced: Security, Usability and A/B Testing
• Lecture 9 (11.04) – WBT advanced: Data-Flow Testing / Mutation Testing
• Lecture 10 (18.04) – WBT advanced: Symbolic Execution, Static Code Analysis, Document Inspections, Code Review
• Lecture 11 (25.04) – Quality Estimation / Test Documentation, Organisation and Process Improvement (Test Maturity Model)
• 02.05 - no lecture (and no labs)
• Lecture 12 (09.05) – Industry Guest Lecture 1 – Risko Ruus
• Lecture 13 (16.05) – Industry Guest Lecture 2 – Kristiina Rahkema / Exam Prep.
Industry Guest Lectures – in May

Guest Lecture 1 (09 May):
• **Modern Testing Principles** by Risko Ruus, Rush Street Interactive

Guest Lecture 2 (16 May):
• **Security Testing of Mobile Applications** by Kristiina Rahkema, Nestri Solutions OÜ