MTAT.03.306
Requirements Engineering

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On successful completion of this course, students will be able to

• Explain the concepts, theories, and best practices associated with requirements engineering
• Elicit, negotiate and document software requirements
• Develop major requirements artefacts and use them during the software development projects
• Apply requirements validation techniques
• Manage software requirements, priorities, and trace them
On successful completion of this course, students will able to

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About the Course

- Course Website
- Lectures
  - Presented during lectures - uploaded to before the lecture
- Readings
  - Self-study material
  - Selected books and articles
- Submit
  - Place where you will be able to upload solutions (in case of the need)
- Exam
  - This year exam tasks will be uploaded after the exam
Course outline

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>2. September</td>
<td>No lecture</td>
</tr>
<tr>
<td>9. September</td>
<td>RE framework</td>
</tr>
<tr>
<td>16. September</td>
<td>Specification</td>
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<tr>
<td>23. September</td>
<td>Test 1</td>
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<tr>
<td>30. September</td>
<td>No lecture</td>
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<tr>
<td>7. October</td>
<td>Management (Prioritisation, Traceability and Change management)</td>
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<td>14. October</td>
<td>Validation</td>
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<tr>
<td>21. October</td>
<td>Test 2</td>
</tr>
<tr>
<td>26. October</td>
<td>Non-functional reqs</td>
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<tr>
<td>4. November</td>
<td>No lecture or goal modelling exercise</td>
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<tr>
<td>11. November</td>
<td>Scenario modelling</td>
</tr>
<tr>
<td>18. November</td>
<td>Test 3</td>
</tr>
<tr>
<td>25. November</td>
<td>Requirements modelling</td>
</tr>
<tr>
<td>2. December</td>
<td>Test 4</td>
</tr>
<tr>
<td>9. December</td>
<td>Course summary</td>
</tr>
<tr>
<td>16. December</td>
<td>Requirements Engineering Workshop</td>
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</tbody>
</table>

Changes are possible!

Workload

6 ECTS = 156 hours of study
(1 ECTS = 26 hours of study)

- Lectures – 52 hours
- Independent work – 104 hours
  - Self-study
  - Preparation for four tests and exam
  - Perform workshop assignments
Modalities and Assessment

• **Tests** – 10 points *each*

• **Workshops** – 20 points

• **Exam** – 50 points

Exam times:

1. **06.January, 2020**, 14:00-18:00, room 405
2. **13.January, 2020**, 14:00-18:00, room 404
Resit – **23.January, 2020**, 14:00-18:00, room 403
Modalities and Assessment

• **Tests** – 10 points *each*

• **Workshops** – 20 points

• **Exam** – 50 points

To be admitted to the exam, at least 35 points of the grade from the tests and workshop need to be collected during the semester

You will be able to retake **Tests 2 and 3** on Lecture 14 (after Test 4)
Any questions