Goal

To help you to deliver a high-quality master thesis on time
Requirements for Pass Grade

• Attend lectures
  • At least 2 out of the 3 introductory lectures
  • At least 4 out of the 6 presentation sessions (including “your” session)

• In due time:
  • Submit title of your literature review and name of the supervisor (28.February)
  • Submit a 2-page problem statement (10.March)
  • Present your topic
  • Submit your literature review draft (20.April)

• Score at least 3 out of 5 in each of the two evaluation criteria:
  • Quality of Presentation
  • Quality of Written Thesis Summary
Schedule

• **10 February, 17 February, 3 March**
  • Introductory seminars

• **28 February** – deadline for identifying title, supervisor and presentation time slot

• **10 March** – deadline for a 2-page problem statement

• **14 April** – presentations start
  14 April, 21 April, 28 April, 5 May, 12 May, 19 May

• **20 April** – deadline for a draft thesis
Additional Rules

• In case of absence:
  • second chance possible only if you give advance notice and you justify your absence

• Failure in
  1) identifying title, supervisor and presentation time slot,
  2) submitting 2-page problem statement or
  
  • in due time results in grade "F"

• Report must be submitted through course website on **20 April 2022** at the latest
  • Otherwise, a penalty of one point per 24-hour delay will be applied
Workload

3 ECTS = 78 hours of study

- Lectures – 6 hours + 12 hours
- Finding topic/supervisor – 4 hours
- Problem statement – 8 hours
- Preparing presentation – 14 hours
- Preparing thesis / literature review – 34 hours
Presentation

• Present the following:
  • The problem statement
  • Background
  • Review of the state of the art
  • Identified gaps in the state of the art
  • The expected contribution given the identified gaps (objectives)

• Each student has a time-slot of 30 minutes:
  • 20 minutes for the talk + 10 minutes for Q&A
Criteria for Evaluation of Presentation

- The lecturer will give a grade to your presentation based on the following criteria (one point per criterion):
  - **Slides**:
    - Is the amount of text appropriate? Are figures and tables used appropriately where possible?
  - **Public speaking/oratory**:
    - Is the posture appropriate? Is the voice level and intonation engaging? Is the gesturing appropriate? Is the rhythm engaging?
  - **Structure**:
    - Is the structure of the presentation clear? Are the transitions between logical parts of the presentation clearly articulated?
  - **Content**:
    - Does the presentation highlight the main points of the paper? Is the level of detail appropriate? Are examples used appropriately?
  - **Timeliness**:
    - Does the presentation use the allocated time appropriately? Is the time limit respected?
Presentation Schedule and Allocation

• Course Website:
  • https://courses.cs.ut.ee/2022/RMCs/

• Register topic, supervisor, presentation slot:
  • https://docs.google.com/spreadsheets/d/1xZShysm1Uij94GlunBHytNA-oJPuQ27Lh9tzJOGJEUU/edit?usp=sharing
Tips for your presentation

• Writing and presenting literature review (by K. Mahmood)  
  http://www.slideshare.net/kmahmood2/6-writing-and-presenting-literature-reviewkhalid

• Preparing Effective Oral Presentations in 7.17 Project lab  
Requirements for 2-page Problem Statement

• Outline the following:
  • Short overview
  • Main research question
  • More specific research questions
  • Objectives
  • The initial plan for the Masters project
Requirements for Written Report

• The draft should contain the following
  • Title page
  • Abstract
  • Table of contents
  • Introduction / motivation (section „Introduction“)
  • Review of the state of the art (section „Related work“)
  • Summary of the technical background (section „Background“)
  • Placeholders for other sections (only (sub)section titles)
  • List of references

• The state of the art (literature review) includes research papers, prototypes, white papers and open-source / commercial tools (if applicable)

• The document should include well-formatted references

• The document should explain what gaps have been identified in the state of the art, and what is the expected contribution of the thesis given the identified state of the art

• The length of the literature review depends on the topic and the volume of relevant state of the art, but it should be roughly between 8 and 12 pages long
Evaluation of Written

• The lecturer will grade the drafts using the evaluation criteria 1-3 available at

• Additional rules
  • Draft contains a copy/paste of more than 10 consecutive words from any source: -1 point per copied fragment
  • Reproducing/re-drawing 1 or 2 pictures or tables is tolerated, if you explicitly cite the origin of the picture/table in the caption, else -1 point
Tips for Writing Report

• How theses get written: some cool tips
  • http://www.cs.toronto.edu/~sme/presentations/thesiswriting.pdf
Next Introductory Seminars

• Few more quick tips for presentation
• How to write 2-page problem statement?
• How to write introduction?
• How to write thesis?
• How to perform literature review?
• How bibliography needs to be organised?
Thesis of the previous year

• **Bakhtina M.**, Securing Passenger's Data in Autonomous Vehicles, sup.: Matulevičius R., Seeba M. 2021
  

• **Zubair M.**, A Blockchain Solution for Auditing of Timber-to-Charcoal Process, sup.: Iqbal M., Milani F. P., 2021
  

  

  

• **Seeba M.**: A Specification of Layer-Based Information Security Management System for the Issue Tracking System, 2019
  