

# Enterprise Software Seminar

## Fall 2014

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# Aim

- To help you to deliver a high-quality Masters thesis on time

# Requirements for Pass Grade

- To pass you have to:
  - Attend at least **6** out of the 8 presentation sessions (including “your” session)
  - Submit title of your thesis and name of the supervisor **in due time**
  - Submit a 2-page problem statement **in due time**
  - Present your topic and submit your thesis draft **in due time**
  - Score at least 3 out of 5 in each of the two evaluation criteria:
    1. Quality of Presentation
    2. Quality of Written Thesis Summary

# Schedule

- **24 September** - pilot seminar
- **29 September** - deadline for identifying title, supervisor and presentation time slot
- **13 October** - deadline for a 2-page problem statement
- **29 October** - start of weekly seminars
- **3 November** - 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 or 2) submitting 2-page problem statement in **due time** results in grade „F“
- Thesis drafts must be submitted through course submission form BEFORE 3 November 2014
  - Otherwise a penalty of one point per 24-hour delay will be applied

# Presentations

- 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 of the thesis given the identified gaps (objectives)
- Each student has a time-slot of 15 minutes: 12 minutes for the talk + 3 minutes for Q&A

# Criteria for Evaluation of Presentations

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

# Presentation Schedule and Allocation

- <https://courses.cs.ut.ee/2014/enterprise/fall/Main/Lectures> - schedule
- <http://www.quicktopic.com/50/H/QkTwk3ZmL2Lp> - allocation



# Tips for Your Presentation

- <http://www.paklag.org/6-Writing%20and%20presenting%20literature%20review-Khalid.ppt>
- <http://web.mit.edu/7.17/pdfs/OralPresentations.pdf>
- <http://research.microsoft.com/en-us/um/people/simonpj/papers/giving-a-talk/giving-a-talk.htm>
- [http://people.engr.ncsu.edu/txie/publications/oral\\_presentation\\_skills.pdf](http://people.engr.ncsu.edu/txie/publications/oral_presentation_skills.pdf)

# 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
- See also <http://www.idi.ntnu.no/grupper/su/publ/html/toland/ch012.htm> for a difference between research questions and objectives

# Requirements for Thesis Drafts

- 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“) – see X for a difference between „Related work“ and „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 Thesis Drafts

- The lecturer will grade the drafts using the evaluation criteria 1-3 available at:
  - <http://www.cs.ut.ee/sites/default/files/2013/T%C3%9C%20arvutiteaduse%20instituudis%20kaitstavate%20I%C3%B5put%C3%B6%C3%B6de%20hindamine.pdf> (est)
  - By applying only subcriteria applicable to the draft
- 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 a Thesis

- <http://www.cs.ut.ee/et/magister/lõputööd/juhendid> (est)
- <http://www.cs.ut.ee/en/msc/theses/guidelines> (eng)
- <http://www.tadafinallyfinished.com/thesis-proposal.html> (promotional material, but still useful)
- <http://www.cs.toronto.edu/~sme/presentations/thesiswriting.pdf>