

Graduation thesis

Toomas Lepikult

Toomas.Lepikult@itcollege.ee

6285 840

An excellent thesis is ...

- An **independent** research with a **clear result** (an algorithm designed, intended or tested software, process analysis, etc.)
- Addresses a **timely/novel** topic, while giving sufficient and relevant **review of alternative** or similar approaches (based on professional literature)
- Uses a correct set of research **methods** or methodology to analyze the problem
- The result of work done is **reasonable** and **reliable**
- A well-**structured** and -reasoned **analytical** work
- A well-**balanced** work – an introduction/review of **scientific literature**, methodology, description of work done, analysis and justification
- Formatted correctly – references, spelling, volume, etc.

What kind of thesis should not be submitted?

- Report or general **essay** on a selected topic
- Work with missing or **not clearly defined** research problem and methodology
- Work in which **choices** made by the author, e.g. in regards to methodology, review of scientific literature, **are not justified or adequately reasoned**
- Work where **author's contribution** is not clearly distinguishable, or is otherwise poorly structured
- Work where it seems that everything is technically correct, but there is **no fundamental content**
- Work which includes important and relevant content, but is **technically incorrect**
- **Plagiarism** and otherwise **incorrectly formatted** work

Thesis and internship

- In ideal case, the thesis could be systematic analysis of work you have done at your internship.
 - The suggestions for upgrading of IT systems in enterprise you have practised could be crone jewels in your thesis!
-

Looking for subject

- Find the problem to solve – on internship, among hobbies, ...
 - Describe the problem with two-three sentences
 - Describe in free form the solution (vision)
 - Find the achievable result (scope) and fix in written form
 - Find the different ways of solving of the problem.....
 - Choose the optimal (best) method for solution. Prove, that your way is the best one!
 - Describe, how the world ha changed after your great work!
 - Describe your futuure plans in this field!
-

Defense

- submission in ÕIS. (May, 13th)
 - The subject in english and Estonian (misspelling is not allowed!)
 - Supervisor(s)
 - Supervisor accepts the declaration
- The chairman of defense commission can not accept the work to defense, if it is not in accordance with stated requirements.

Defense

- Be in time!
 - Be sure, that all materials needed are in hand;
 - Presentation: 7 – 10 minutes;
be punctual!
 - Approximately 1 slide per minute;
 - Underlining the main result;
 - You have to present to commission;
 - The defense is governed by chairman;
 - Be correct and punctual when answering the questions!
 - The defense is ceremonial event (appropriate dressing-code!)
 - In final speech, it is relevant to render thanks to supervisor, referee, commission, family ...
-

Grading

- The actuality of subject
- The structure,
- The methods and materials used in work,
- The formatting,
- The result,
- The performance of student
- Presentation, answering the questions,
- The opinions of referee and supervisor

Grading matrice (in Estonian)

Timetable

- Submission of draft (pdf, mail to toomas.lepikult@taltech.ee) February, 22nd
- Defense of draft March, 4 – 10th
- Seminar with supervisors End of March
- **Submission in ÕIS** **May, 13th**
- Preliminary defense May, 13 – 19th
- Final defense June, 3 – 7th

Permission to defend

Defense application can be satisfied, if:

- all modules of one specialization of curriculum are fulfilled
 - all subjects are in correct modules
 - for transfer of subjects, a written consent form the head of the study program is needed
 - results of last exams are in a week before defense
 - performances done in Open University are transferred to your account in ÖIS a week before defense
 - assessment for internship (practical placement) is in ÖIS
 - the paid students have paid for the defense
-

More information about thesis writing:

- <http://www.itcollege.ee/~lepikult/diplomitoo>
- Formatting rules, templates, ...
<https://www.ttu.ee/faculties/school-of-information-technologies/it-studies/thesis-and-graduation-9/>
- Defended thesis: <https://digi.lib.ttu.ee/>
- [How to organize your thesis \(Prof. John W. Chinneck\)](#)

Thank you for attention!
