

GUIDE FOR THESIS WORK

1. GENERAL INFORMATION

The students participating in BSc/MSc material engineering course must prepare a thesis work. The purpose of the thesis is professional deepening of the curriculum and better understanding of a field in the chosen specialization. The diploma work has to contain own measurements, research made by the student of which results has to be processed and concluded.

- 1.1 The students have to choose one thesis work among the themes offered by the Institutes. The students may initiate a different theme if the Institute approve it after consultation.
- 1.2 The Institutes publish the possible themes for thesis works (except if it is confidential).
- 1.3 The students register the selected subject in the Institute.
- 1.4 The Institute designates consultant/consultants for the thesis/diploma work.
- 1.5 The thesis topics selected by the students are approved by the Faculty of Material Science.
- 1.6 The student writes the manuscript with continuous consultation by the consultant.
- 1.7 The student submits the thesis in 2 copies to the Institute in the prescribed form at the appointed deadline (according to the semester schedule defined by the Senate of the University of Miskolc)
- 1.8 The final form of the thesis (in agreement with the consultant/s) shall be attached in .pdf format on CD. Also have to be sent electronically to the Library of the University of Miskolc. Furthermore the student has to provide two signed statements. In one he signs that the given work is his own, and in the other he permits to the Library the submitted electronic material to be archived and published.

2. CONTENT REQUIREMENTS

2.1 The students must complete the thesis/diploma work independently with guidance of the consultant/advisor.

2.2 The thesis must be clear on that the preparation and processing is own work of the student and she has ability for synthesizing ideas and knowledge. The student also should present in the thesis his ability to build on the fundamentals he acquired during his studies as well as the individual processing of the literature.

2.3 The additional requirement for the diploma work is that the student access and analyze the international literature related to his research topic, it must have to be clear that the student is able to carry out individual researches/measurements and deduct conclusions, and draw up useful proposals in the field.

2.4 Parts of the thesis:

- Cover
- Confidential Management Contract (if required)
- Student certificate of his own work
- Task scheduling (if required)
- Contents
- Acknowledgments
- Abstract
- Introduction
- Literary review
- Relevant part / Research work
- Results, conclusions
- Summary
- References
- Appendix

2.5 The scope of the thesis has to be at least 40 pages, up to 50 pages (excluding appendices). The length of the diploma work is minimum 50, maximum 60 pages (excluding the appendices).

2.6 The thesis / diploma work should be written in a demanding style, in English.

3. FORMAL REQUIREMENTS

- 3.1 The thesis/diploma work has to be made in 2 hardcover copies on one side printed, white, standard size A/4 sheets.
- 3.2 The cover of the thesis/diploma work is deep red (this is a formal color for our Faculty), on the cover contains the name of the University and the Faculty, the two words "THESIS / DIPLOMA WORK", the name of the student and the year. The name of the student and the year of preparation should be indicated on the back of the cover. The first page of the thesis should be the title page. This is a page without numbering containing the name of the university, the faculty, the institute, the title of the thesis, the name of the student and the consultant, the year and place (Miskolc).
- 3.3 The text of the thesis/diploma work is written with a text editor by Word. The line spacing is 1.5, the margins are 3 cm on the left side, 2 cm on the right side and 2.5 cm on the top and the bottom. The font size is 12 points, the accepted fonts are: Times New Roman, Arial, Verdana, Georgia, Courier, Calibri.
- 3.4 In the tied thesis/diploma work the inside cover is followed by an Acknowledgment, if necessary the Task signed by the Head of the Institute, then table of contents, abstract and finally the work itself.
- 3.5 After the abstract page, the written part of the dissertation begins with page number 1.
- 3.6 The individual chapters and within each of these ideas must be appropriately framed separate from each other. The chapters start slightly right from the left margin by 0.5 cm (1 tab).
- 3.7 Decimating the chapter and subheadings the decimal classification (principal number, sub-number) should be used. Do not disassemble the decimal point (3.4.2.A...). Titles and subtitles should be highlighted from the text (eg. **bold** 14 point font size. It is essential that edition is consistent!). One-digit headings shall begin on a new page.
- 3.8 The tables must be edited in accordance with the rules of table setting, must be numbered and titled. Numbers and titles are above the table. The source of the data in the figures and tables – if they are not own work – must always be displayed (under the table, in case of figure a 10-point font under the title). In the text reference should be made to the number.
- 3.9 Graphs, diagrams, drawings, photos etc. shall be considered figure uniformly and it should have number and title. The reference to and placement within the text is the same as for tablets with the exception that their numbering and title is placed under the figure.
- 3.10 The references shall be placed as a final part of the dissertation. The references to the literature and the literature review in the text of the dissertation must be

numbered in square brackets (eg. [1]) and in the reference list are to be listed in the order of these numbers. The name of the author/s (last name and the monograms of the first name), the title of the publication (*italic*), the title of the journal (*italic*), the year (**bold**), the page numbers following each others. In case of books after the title is the publisher, the publisher's residence and the year of publication. In case of conference presentations after the name of the publication the name of the conference, location and year shall be indicated. Using online databases or resources the last date of access date must be displayed.

Samples for references:

1. Rettner, C. T.; Mullins, C. B.; Bethune, D. S.; Auerbach, D. J.; Schweizer, E. K.; Weinberg, W. H., Molecular beam studies of trapping dynamics. *Journal of Vacuum Science & Technology, A: Vacuum, Surfaces, and Films* **1990**, 8, (3, Pt. 2), 2699-704. (publication)
2. Meyer, R.; Köhler, J.; Homburg, A., *Explosives*. Wiley-VCH: Weinheim, Cambridge, 2002. (book)
3. Wucherer, E. J.; Christofferson, S. S.; Reed, B. In *AIAA Paper 2000-3872*, 36th AIAA/ASME/SAE/ASEE Joint Propulsion Conference, Huntsville, AL, 2000; (conference)
4. WebBook, N. C. NIST Standard Reference Database 69. <http://webbook.nist.gov/chemistry/> (August 6, 2007.), (on-line reference)

ATTACHMENTS:

Appendix No. 1: Sample of cover

Appendix No. 2: Sample of cover page inside

Appendix No. 3: Sample of content

Appendix No. 4: Formats for tables and figures

Appendix No. 5: Student's statements

Appendix No. 1. – Sample of cover

University of Miskolc
Faculty of Material Science and Engineering

THESIS / DIPLOMA WORK

name of the student

Year

Appendix No. 2. – Sample of cover inside

University of Miskolc
Faculty of Material Science and Engineering
Institute of

THESIS / DIPLOMA WORK

Made by

name of the student

Consultant/s:

Year

Appendix No. 3. – Sample of content

Content

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1.1. Subtitle	p. 4
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2.1.1 Sub-subtitle	p. 20
Summary/Conclusions	p. 35
References	p. 40
Attachment	p. III

Appendix No. 4. – Sample of tables and figures

Table 3.1. Title of the table

(source)

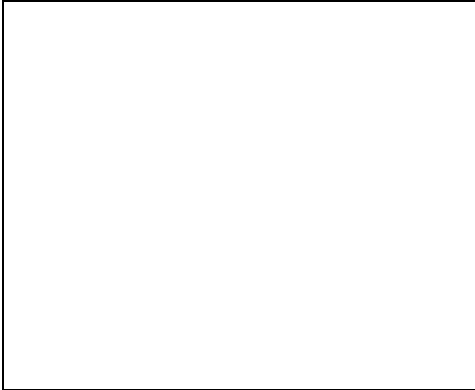


Figure 1.2. Title of the figure

(source)

Appendix No. 5. – Statements

Statement

I, the undersigned, (Neptun Code:, born: date, place) certify and declare under my criminal law that this thesis / diploma work is my own work.

Date: Miskolc,

....., Student

The statement was took over.

Date: Miskolc,

....., Head of the Institute