UNIVERSITY OF PANNONIA

COURSE DATASHEET

Semester:	2016/17/1
Course:	Thesis Work I.
Code:	VEMKVMM1XD
Responsible department:	Institute of Chemical and Process Engineering
Department code:	MKVV2
Responsible instructor:	dr. Sándor Németh

Course objectives:

The thesis work is a chemical engineering problem which is solved by the student based on his or her studies under a supervisor's guidance and it is summarized in a thesis paper after the work is done. The student has to prove that he is able to treat the relevant literature and to apply the knowledge obtained in research and development.

Course content:

The subject of the thesis work is a chemical engineering problem; by elaborating it the student proves that he/she is able to:

- **research the literature of the given field individually,**
- **document, analyse and evaluate the results presented in the literature,**
- **with the knowledge gained in the chemical engineering studies and from the literature**
  - **do research individually and/or**
  - **solve engineering problems which require creativity and engineering approach individually**
- **prepare a report based on the results of his or her research and the literature and defend it in an oral presentation before an examination board.**

Requirements, evaluation and grading:

The main points for the evaluation of the Thesis defence:

- Is there a clear and comprehensive picture of the objective and importance of the research given by the student?
- Were the methods, results and possible conclusions presented?
- Was the content appropriately documented, were correct illustrations used?
- Does the presentation satisfy the requirements for a lecturer (structure, accurateness, clear reasoning, use of terminology, etc.)?
- Can the candidate give satisfactory answers to the questions of the reviewer and the

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Requirements, evaluation and grading:

committee?
Can the candidate represent his or her opinion appropriately in the discussion, does he/she have a sound background in the given subject?

Required and recommended readings:

References can be found on the Moodle learning system.