



## Syllabus

**Term:** 2023/24/2

**Subject name:** Foundations of Informatics 2.

**Subject code:** IVB185ANVM

**Unit (Unit code)** (MIK-IV)

**Lecturer responsible for the course:** Dr. HORVÁTH Ildikó

**Requirement:** Mid-semester grade

**Classes per week :** 0/0/2/0

**Classes per term:** 0/0/10/0

### Purpose of education:

Study how to use CAD software (AutoCAD) for engineering practice.

Basic functions of AutoCAD (drawing, annotation, paper space, printing).

### Contents:

laboratory  
practice

1. *Basic functions of AutoCAD*
2. *Drawing*
3. *Annotation*
4. *Paper Space, Printing*

## DETAILED SYLLABUS AND COURSE SCHEDULE

*academic holidays included*

<b><i>PRACTICE, LABORATORY PRACTICE</i></b>				
<i>week</i>	<b>Topic</b>	<b>Compulsory reading; page number</b>  <b>(from ... to ...)</b>	<b>Required tasks (assignments, tests, etc.)</b>	<b>Completion date, due date</b>



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### Contents:

1. Introduction	...	...	...
2. Function and interface overview, possibilities, grid			
3. Drawing functions, commands, Drawing of an example			
4. Basics of layers, hatch, Drawing of an example			
5. Text, annotation			
6. Annotation			
7.		1 <sup>st</sup> Midterm test	
8. Annotation, block, coordinate system			
9. SPRING BREAK			
10. Block with parameter			
11. Table editing			
12. Drawing of an example in paper space and model space			
13. Print in paper space and model space			



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### Contents:

14.			2 <sup>nd</sup> Midterm test	
15.			Retake test	

### System of examing and valuation:

### Mid-term assessments, performance evaluation and their ratio in the final grade

Type	Assessment	Ratio in the final grade
<i>1st Midterm test</i>	<i>max 20 points</i>	<i>40 %</i>
<i>2nd Midterm test</i>	<i>30 points</i>	<i>60 %</i>

### Opportunity and procedure for re-takes (PTE TVSz.47§(4))

*The specific regulations for improving grades and resitting tests must be read and applied according to the general Code of Studies and Examinations. E.g.: all tests and assessment tasks can be repeated/improved at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.*

### Attendance on the lectures:

The students can miss maximum 3 occasions. If the work on lectures or the preparedness of the student is not adequate than it is not equal with the presence, which could have influence for the evaluation of the semester.



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### System of examining and valuation:

Mid semester tests:

2 examtest will be during the semester.

The retake examtest will be on the 15th week. You can get 50 points on this, it will overwrite the other exams points and it will be about the whole semester's material.

Signature / semester mark condition:

During the semester exams reach the minimum of 40% per each. Do not exceed the maximum missing occasion.

Exam:

Grading Scale:

0-19 point      1 (Unsatisfactory work)

20-27 point    2 (Less than satisfactory work)

28-34 point    3 (Satisfactory work)

35-42 point    4 (High quality work)



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43-50 point      5 (Outstanding work)

**Bibliography:**

compulsory reading and availability

[1.] AutoCAD help menu (F1)

[2.] Ellen Finkelstein, AutoCAD Bible

[3.] George Omura, Brian Benton, Mastering AutoCAD 2016 and AutoCAD LT 2016

**Bibliography:**