

COURSE SYLLABUS AND COURSE REQUIREMENTS

ACADEMIC YEAR 2024 SEMESTER 2

<i>Course title</i>	<i>Foundation of Informatics 2.</i>
<i>Course Code</i>	IVB185ANVM
<i>Hours/Week: le/pr/lab</i>	2 labs
<i>Credits</i>	2
<i>Degree Programme</i>	Electrical Engineering Bsc
<i>Study Mode</i>	<i>full-time</i>
<i>Requirements</i>	mid semester test
<i>Teaching Period</i>	spring
<i>Prerequisites</i>	-
<i>Department(s)</i>	Department of Engineering Knowledge
<i>Course Director</i>	
<i>Teaching Staff</i>	Viktor Rác

COURSE DESCRIPTION

Studying of the 2D functions of AutoCAD with the help of machines drawings examples.

SYLLABUS

Neptun: Instruction/Subjects/Subject Details/Syllabus

1. GOALS AND OBJECTIVES

Goals, student learning outcome.

Neptun: Instruction/Subjects/Subject Details/Syllabus/Goal of Instruction

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

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

2. COURSE CONTENT

Neptun: Instruction/Subjects/Subject Details/Syllabus/Subject content

TOPICS

LABORATORY PRACTICE	<ol style="list-style-type: none"> 1. <i>Basic functions of AutoCAD</i> 2. <i>Drawing</i> 3. <i>Annotation</i> 4. <i>Paper Space, Printing</i>
----------------------------	--

DETAILED SYLLABUS AND COURSE SCHEDULE

ACADEMIC HOLIDAYS INCLUDED

PRACTICE, LABORATORY PRACTICE

week	Topic	Compulsory reading; page number (from ... to ...)	Required tasks (assignments, tests, etc.)	Completion date, due date
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 st 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			
14.			2 nd Midterm test	
15.			Retake test	

3. ASSESSMENT AND EVALUATION

(Neptun: Instruction/Subjects/Subject Details/Syllabus/Examination and Evaluation System)

ATTENDANCE

In accordance with the Code of Studies and Examinations of the University of Pécs, Article 45 (2) and Annex 9. (Article 3) a student may be refused a grade or qualification in the given full-time course if the number of class absences exceeds 30% of the contact hours stipulated in the course description.

Method for monitoring attendance (e.g.: attendance sheet / online test/ register, etc.)

Attendance sheet

ASSESSMENT

Cells of the appropriate type of requirement is to be filled out (course-units resulting in mid-term grade or examination). Cells of the other type can be deleted.

Course resulting in mid-term grade (PTE TVSz 40§(3))

Mid-term assessments, performance evaluation and their ratio in the final grade (The samples in the table to be deleted.)

Type	Assessment	Ratio in the final grade
1 st Midterm test	max 20 points	40 %
2 nd Midterm test	30 points	60 %
e.g.: home assignment (project documentation)	eg. max 30 points	eg. 30 %
...	eg. max 15 points	eg. 20 %

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.

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)
43-50 point	5 (Outstanding work)

Grade calculation as a percentage

based on the aggregate performance according to the following table

Course grade	Performance in %
excellent (5)	85 % ...
good (4)	70 % ... 85 %
satisfactory (3)	55 % ... 70 %
pass (2)	40 % ... 55 %
fail (1)	below 40 %

The lower limit given at each grade belongs to that grade.

4. SPECIFIED LITERATURE

In order of relevance. (In Neptun ES: Instruction/Subject/Subject details/Syllabus/Literature)

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

RECOMMENDED LITERATURE AND AVAILABILITY

- [3.]
- [4.]
- [5.]