

Informatics I. – RMEIN1ABNE
2022/2023. 2. Semester

ÓBUDA UNIVERSITY						
Rejtő Sándor Faculty of Light Industry and Environmental Engineering		<i>Faculty</i>	Media Technology and Light Industry			<i>Institute</i>
<i>Hungarian title of the course:</i>		Informatics 1			<i>Neptun code:</i>	RMEIN1ABNE
<i>English title of the course:</i>		Informatics 1			<i>Credit:</i>	4
<i>Type (compulsory/obligatory):</i>		compulsory	<i>Education Type</i>	Full-time	<i>Semester:</i>	1
<i>Study field:</i>		Industrial Design Engineering BSc				
<i>Lecturer:</i>		Eszter Kormany Phd				
<i>Required preliminary knowledge:</i>		-				
<i>Weekly teaching hours:</i>	<i>Lecture:</i>	1	<i>Practical work:</i>	0	<i>Laboratory work:</i>	3
<i>Exam type:</i>		Term mark	<i>Language of course:</i>	English	<i>In timetable:</i>	Time: Monday 3,4 Tuesday 7,8,9 Room: D.203.
CURRICULUM						
<i>Abstract:</i>						
Educational aim: The courses aim to provide with students a general overview of the IT tools that can help their learning and future work.						
<i>Detailed schedule of the Theory:</i>						
Educational week	Date	Description				
1.	06/03	MsOffice Application Word				
2.	20/03	MsOffice Application Excel Basic and Financial functions				
3.	03/04	MsOffice Application Excel What-if Analysis, Solver				
4.	17/04	MsOffice Application Excel as Database				
5.	01/05	Break				
6.	05/15	MsOffice Application Excel Power BI				

7.	29/05	Break
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Detailed schedule of the Laboratory:

Topics of exercises:

Educational week	Date	Description
1.	28/02	MsOffice Application Word Basic, Word Mail Merge
2.	07/03	MsOffice Application Excel Basics
3.	14/03	Break
4.	21/03	MsOffice Application Excel Financial Functions
5.	28/03	MsOffice Application Excel What-if Analysis Goal Seek, Data Table)
6.	04/04	MsOffice Application Excel Solver Trendline
7.	11/04	Easter Holiday
8.	18/04	MsOffice Application Excel Solver Function Analysis
9.	25/04	MsOffice Application Excel Solver Linear Equations
10.	02/05	MsOffice Application Excel as Database (Sort, Filter, Advanced Filter)
11.	09/05	MsOffice Application Excel as Database (Pivot Table, Power Pivot)
12.	16/05	Test
13.	23/05	Practice work
14.	30/05	Presentations, Retake Test

Requirements

Attendance at lectures:

The lectures are compulsory. The rules of education and exam directory (TVSZ) are the guidelines.

Exams and tests (types, data)

12.	Upload the homework into the Moodle eLearning system. The deadline is 29/05/2022. 6 PM
13.	Test 16/05/2022
14.	Retake test 30/05/2022

Requirements for qualification:

The students make a presentation.

Type of exam (written, oral, tests etc.) and the method of assessment:

Written exam:	0 - 49	(1)	fail
	50 - 61	(2)	pass
	62 - 73	(3)	satisfactory
	74 - 85	(4)	good
	86 - 100	(5)	excellent

Literature

Compulsory:

Recommended:

Others:

PPT files on the homepage of Moodle learning system

Quality Management

The structure of the course is harmonized with other lecturers from different universities. Assessment of students is carried out at every lecture, and at the end of semester.

The ppt files are continuously renewed according to the new literature data.