

# REINFORCED CONCRETE STRUCTURES I. 2022/23. 1. SEMESTER

BASIC DATA		
<b>COURSE NAME</b>	Vasbeton Szerkezetek I.	Reinforced concrete structures I.
<b>COURSE CODE(S)</b>	YCRVSZ1BNF	
<b>DEPARTMENT</b>	Óbuda University Ybl Miklós Faculty of Architecture, Institute of Civil Engineering	
<b>PROGRAMME, TRAINING</b>	Civil Engeneering Bsc	full time, Erasmus
<b>COURSE INSTRUCTOR</b> (Instructor managing the course)	Mihók Barna email:mihok.barna@uni-obuda.hu	Mihók Barna email:mihok.barna@uni-obuda.hu
<b>INSTRUCTORS, LECTURERS</b>	Freund Péter mérnökstanár email címe: freund.peter@uni-obuda.hu	Freund Péter mérnökstanár email címe: freund.peter@uni-obuda.hu
<b>PRE-REQUIREMENT</b>	1 semester Building Materials and Mechanics of Supporting Structures	
<b>HOURS OF LECTURES (WEEKLY)</b>	2 hours	
<b>SEMINAR</b>	2 hours	
<b>METHOD OF EXAM</b>	exam, test	
<b>CREDITS</b>	8	

<b>SCHEDULE OF THE SEMESTER</b>			
<b>WEEK</b>	<b>LECTURE</b>	<b>LECTURER</b>	<b>SEMINAR</b>
1	Introducing reinforced structures	MB	
2	Loads, forces, bending moments	MB	
3	Bending of a reinforced beam 1.	MB	
4	Bending of a reinforced beam 2.	MB	
5	<b>Written paper 1.</b>	MB	
6	-	MB	
7	Sheer bearings of a girder 1.	MB	
8	Sheer bearings of a girder 2.	MB	
9	Bending of a „T” section	MB	
10	<b>Written paper 2.</b>	MB	
11	-	MB	
12	SLS - displacements and crack analysis	MB	
13	Columns and stairs	MB	