Óbuda Universit	ty			Institute for Cyber Dhysical Systems			
John von Neumann Faculty of Informatics			Institute for Cyber-Physical Systems				
Name and code: Enterprise Information Systems NIXVI0EBNECredits: 4							
C Soion o		· <b>: -</b>	DC		2022/22/1		
Computer Science	e ana E	ngine	ering BSC progr	ramme	2022/23/1.	semester	
Subject lecturers	Sarkad	Katal					
Draraquisites (wit	<u>Saikau</u> h						
code):	-11	Databases NIXAB0EB_E					
Weekly hours:	Lecture	e: 2	Seminar: 0	Lab hours	s:2	Consultation: 0	
Way of	Exam	Exam					
assessment:							
Course description:							
<i>Goal:</i> The goal of this course is to give students a basic understanding of the working							
methods and communication processes of a trading company. For this, students create a							
project work loge	ther, w	here u	neir task is to ci	reate a datadase	set and sm	iulate the work of	
an integrated syst	em.						
Course description: I	Inderstat	nding w	vhat are data and int	formation databas	es system ser	vice functions enterprise	
groups, roles of the r	partners,	internal	processes. Separa	tion of functional	subsystems lil	ke customer and supplier	
orders, resource-han	dling, fi	nancial	planning. The ir	nformation flow c	onnected to	business processes of a	
profitable company.	History of	of EIS.					
ļ							
			Lecture	schedule:			
Education week				Topic			
1.	Mean	Meaning of Enterprise, Information, System / Creating groups for the project work					
2.	Datab	Database, system service functions / / Basic datasets					
3.	Inform	Information flows, enterprise's groups / Basic dataset of the groups					
4.	Exter	External partners, Financial models / Basic processes					
5	Practi	Practical exam (calculations)					
6.	The s	The steps of running the enterprise - Sales / Processes					
7.	The s	The steps of running the enterprise - Procurement / Processes					
8.	The s	The steps of running the enterprise - Finance / Processes					
9.	The s	The steps of running the enterprise - Items and Stock / Processes					
10.	Simu	lation c	of processes				
11.	Simu	lation c	of processes				
12.	Pract	ical exa	um (calculations) re	epeat OR Theoreti	cal exam		
13.	Histo	History of EIS					
14.	Stude	nts pre	sent their project v	work			
			Midtorm	requirements			
		• ,		requirements	• • • • •	• • • • • • • • • • • • • • • • • • • •	
During the semester, students work together on a project work where their task is to simulate a							
trading company's Information system. Moreover, each lesson starts with a short quiz. A							
minimum requirement is defined for each of the subtasks, while students must also create a							
documentation of	C .1 .	-					
	t their v	work,	and pass both	the Practical an	d Theoretic	cal exam to get a final	

\_\_\_\_\_

Tests						
Week	Торіс					
5.	Calculations					
12.	Calculations repeat OR Multiple choice (theory)					
14.	Presentation of the project work					
Type of replacement						
In the first week of finals, students can still present their finished project work. They can also try to pass the Practical or Theoretical exam again.						
Type of exam						
Students get their mark based on the quizzes, the Project work, and the two exams (Practical and Theoretical). If results from these do not make up for passing marks during the semester, they can redo the Theoretical exam.						
References						
Mandatory:						
https://prezi.com/_mmwsse6lfyj/enterprise-information-systems/?present=1						
Recommended:						