

## **Budapest University of Technology and Economics**

## **Faculty of Transportation Engineering and Vehicle Enginee**

1. Subject name	Modern control theory II.				
2. Subject name in Hungarian	Modern irányitáselmélet II				
3. Code	BMEKOKAD002	4. Evaluation type	exam grade	5. Credits	5
6. Weekly contact hours	4 () Lecture	0 () Practice	0 () Lab		
7. Curriculum	PhD Programme	8. Role	Basic course		
9. Working hours f	for fulfilling the requirements of the subject				56
Contact hours	56	Preparation for seminars	0	Homework	0
Reading written materials	0	Midterm preparation	0	Exam preparation	0
10. Department	Department of Co	ntrol for Transporta	ation and Vehicl	e Systems	
11. Responsible lecturer	Dr. Bokor József				
12. Lecturers	Dr. Bokor József, Dr. Szabó Zoltán				
13. Prerequisites					
14. Description of	lectures				
stabilizability and pe emphasise the role of	erformance measures of the small gain app gn, both the two Ricca	s we develop first the roach in the robust ar	classical LQ theo alysis and synthe	cs, i.e., signal and syster ry, followed by the H2 de sis. The main part of the ructured singular value v	esign. We course is dedicated
synthesis is presente					
	practices				
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synthesis is presented.  15. Description of  16. Description of	labortory practices	S			
synthesis is presented.  15. Description of  16. Description of  17. Learning outcomes	labortory practices				
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This Subject Datasheet is valid for

Inactive courses

students should fulfil the design task and should summarize their results in a report.

19. Opportunity for repeat/retake and delayed completion

3 February 2020

20. Learning materials

**Effective date**