

Final exam and three homeworks.

20. Learning materials

Effective date

19. Opportunity for repeat/retake and delayed completion

27 November 2019 This Subject Datasheet is valid for

Inactive courses

Budapest University of Technology and Economics Faculty of Transportation Engineering and Vehicle Enginee

1. Subject name	Reinforce	ement Lea	arning fo	or vehicle c	ontrol
2. Subject name in Hungarian	Megerősítéses tanulás a járműirányításban				
3. Code	BMEKOKAD017	4. Evaluation type	exam grade	5. Credits	3
6. Weekly contact hours	2 (0) Lecture	0 (0) Practice	0 (0) Lab		
7. Curriculum	PhD Programme	8. Role	Specific course		
9. Working hours	for fulfilling the req	uirements of the s	ubject 90		
Contact hours	28	Preparation for seminars	14	Homework	30
Reading written materials	0	Midterm preparation	0	Exam preparation	18
10. Department	Department of Control for Transportation and Vehicle Systems				
11. Responsible lecturer	Dr. Bécsi Tamás				
12. Lecturers	Dr Bécsi Tamás, Dr. Aradi Szilárd				
13. Prerequisites					
14. Description of	lectures				
algorithms. Curse of Classic solutions for teaching, general no Demonstrator and d	f dimensions. The Mar self-learning system etwork structures. Dis emonstration, policy, a. Variations of Q lear	arkov decision model, is, case study for rout screte, continuous and loss function and alg	the hidden Mark ing algorithms. Fu d regular tasks. R porithms. Value ba	c heuristics. Effectiveness ov decision model. Trace undamentals of neural ne leverse learning, Imitation ased learning, Q-learning earning algorithms, Polic	ability problem. tworks, supervised n learning. . The exploration-
15. Description of	practices				
16. Description of	labortory practices	5			
17. Learning outco					
			0.00		
A. Knowledge B. Sk		a grade (obtain a s	<u> </u>		