Course Unit Descriptor

Study Programme: Computing And Control Engineering								
Course Unit Title: App	lied Gam	e Theory						
Course Unit Code: AU	511							
Name of Lecturer(s): Rapaić Milan, Kapetina Mirna								
Type and Level of Studies: master								
Course Status (compuls	sory/elect	tive): elective						
Semester (winter/ summer): winter								
Language of instruction: english								
Mode of course unit delivery (face-to-face/distance learning): face-to-face								
Number of ECTS Allocated: 6								
Prerequisites: none								
Course Aims:								
Acquisition of theoretical and practical fundamentals of game theory, with applications to engineering problems.								
Learning Outcomes: The acquired knowledge scientific development.	can be us	sed in solving con	crete engineering p	problems	and is a basis for further professional and			
	5. Compu		•	_	games. Examples. 4. Nash equilibrium and lution and learning in games. 7. Evolutionary			
Required Reading: Relevant literature in En	glish, tbd							
Weekly Contact Hours: 2		Lectures: 3		Practic	Practical work: 0			
Teaching Methods: Lectures, numerical calc	ulation pr	actice, computer p	practice classes, lal	boratory	practice, consultations.			
Knowledge Assessment	(maxim	um of 100 points)	:					
Pre-exam obligations	points		Final exam		points			
Attendance								
Computer exercises								
Tests (4x)								
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