

SYLLABUS

19.04.2022 nr 6.1-14/1078-1

SUBJECT CODE		RKRC5214			
NAME OF THE SUBJECT (in Estonian)		Drooniga info kogumine ja selle analüüs			
NAME OF THE SUBJECT (in English)		Drone operations, information gathering and analysis on incident site			
VOLUME (ECTS)		3 ECTS			
CURRICULUM		Elective subject for ERASMUS			
RESPONSIBLE LECTURER		Andres Mumma			
PREREQUISITE MODULES AND SUBJECTS:		-			
VOLUME OF STUDIES (study group/form of study)					
LECTURE (number of study hours)	SEMINAR (number of study hours)	PRACTICAL WORK (number of study hours)	INDIVIDUAL WORK (number of study hours)	E-LEARNING (number of study hours)	TOTAL (number of study hours)
6	2	28	40	2	78
OBJECTIVE OF THE SUBJECT: Provide an overview and basic means of implementation of operating drone and gathering and analyzing drone data					
LEARNING OUTCOMES		ASSESSMENT METHODS		ASSESSMENT CRITERIA	
After completing the subject the student:					
The student has an overview of flight safety		Written test		Threshold: 80% of the answers should be correct	
The student can operate drone and gather information using it on incident sites		Practical test		All the operations should be conducted according to safety rules. All the needed data should be gathered	
The student can prepare 2D and 3D incident site datasets and implement the means of basic incident site analysis		Groupwork: preparation of 2D/3D incident site map/model and written analysis of it. The results should be presented using slides to the classroom		Incident site map/model should have accuracy error less than 10cm. Analysis results should be based on common sense and the presentation should cover all the needed topics	
Requirements for and the composition of the final grade / credit test:					
The student passes the whole subject successfully if all the learning outcomes are achieved according to assessment criteria					
<u>Assessment form:</u> Subject is <i>non-differentiated assessment</i> (pass/fail).					
The non-differentiated assessment is based on written test and practical test.					