

I. GENERAL DATA ON SUBJECT COURSE	
CODE AND NAME OF SUBJECT (in Estonian and English)	Remotely Piloted Aircraft (RPA) Operation and Mission
FORM OF STUDIES	daytime studies
CURRICULUM, SPECIALITY AND MODULE WHERE THE SUBJECT BELONGS TO	Module of Remotely Piloted Aircraft Technology
SCOPE OF SUBJECT	2 ECTS
FORM OF CONTROL	Non - differentiative
WORKLOAD AND FORMAT OF STUDIES	Class studies – 23 hrs, practical training – 3 hrs, independent work - 26 hrs
LANGUAGE OF INSTRUCTION	English
ADDITIONAL INFORMATION (prerequisite subject courses, restrictions on participating in the course, etc)	Limited to 16 students
LECTURER	Tõnis Jürimäe, Andres Moks, Alisa Lepik

II. THE GOAL, LEARNING OUTCOMES AND DESCRIPTION OF SUBJECT COURSE	
GOAL	The objective of the subject is to provide the students with the basic knowledge and practical experience of the remotely piloted aircraft operations in accordance with the rules of modern aviation
LEARNING OUTCOMES	The student having covered the subject course knows and can apply aspects and procedures have to be followed then operating remotely piloted aircraft

III. GRADING SYSTEM AND CRITERIA	
PREREQUISITES TO BE ALLOWED TO TAKE EXAMINATION/PRELIMINARY EXAMINATION	50 % participation is required Passed preliminary test
FORMATION OF EXAMINATION MARK/OFF PRELIMINARY EXAM	Practical flight examination

OPPORTUNITIES FOR SETTLING ARREARS	The examination can be retaken with in arrangement with the lecturers
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IV. TIMETABLE AND LIST OF TOPICS		
HOURS	TOPICS	LECTURER
14.09.2018 3h	Ethics and Human Factors Air Law and Airspace Management	Tõnis Jürimäe
21.09.2018 2h	Aircraft Operations and Emergencies	Tõnis Jürimäe
28.09.2018 3h	NOTAM and Aeronautical Information Publication	Tõnis Jürimäe
5.10.2018 3h	Principles of Flight	Tõnis Jürimäe
12.10.2018 3h	Aircraft Technical Systems	Andres Moks
19.10.2018 2h	Aircraft Technical Systems	Andres Moks
26.10.2018 2h	Meteorology	Alisa Lepik
2.11.2018 3h	Risk Assessment and Mitigation	Tõnis Jürimäe
9.11.2018 2h	Workshop	Tõnis Jürimäe
16.11.2018 3h	Practical flight aspects	Andres Moks
23.11.2018 3h	Practical flight aspects	Andres Moks
30.11.2018 3h	Practical flight aspects	Andres Moks

V. LEARNING MATERIALS
Compulsory materials:: 1) Lecture handouts

Additional materials recommended:

- 1) Book by Tõnis Jürimäe
- 2) EASA unmanned aircraft regulation draft