

Estonian Aviation Academy
SYLLABUS

I. GENERAL DATA ON SUBJECT COURSE	
CODE AND NAME OF SUBJECT (in Estonian and English)	AM.084 <i>MRO Management</i> (Hooldusettevõtte juhtimine)
ACADEMIC YEAR, TERM, FORM OF STUDIES	2017/2018, autumn
CURRICULUM, SPECIALITY AND MODULE WHERE THE SUBJECT BELONGS TO	Optional subject Aviation Company Management (2284): AM
SCOPE OF SUBJECT	3 ECTS
FORM OF CONTROL	Non-graded
WORKLOAD AND FORMAT OF STUDIES	Contact hours – 16 hrs; independent work – 62 hrs.
LANGUAGE OF INSTRUCTION	English
ADDITIONAL INFORMATION (prerequisite subject courses, restrictions on participating in the course, etc)	-
LECTURER(s)	Peeter Pajula, Risto Mäeots

II. THE GOAL, LEARNING OUTCOMES AND DESCRIPTION OF SUBJECT COURSE	
GOAL OF SUBJECT COURSE	The aim of the subject course is to give indepth overview of MRO business and its main principles.
LEARNING OUTCOMES	The course participant having passed the module: 1) understands the principles of MRO market; 2) knows different MRO business areas and MRO architecture; 3) understands the regulatory background of MRO operations; 4) orientates in MRO optimization techniques and tools.
SUBJECT COURSE DESCRIPTION	

III. GRADING SYSTEM AND CRITERIA	
PREREQUISITES TO BE ALLOWED TO TAKE EXAMINATION/PRELIMINARY EXAMINATION	Requirements for passing the course: participation in classroom teaching and working through the e-learning materials as assigned
FORMATION OF EXAMINATION MARK/OF PRELIMINARY EXAM	Self-study, computer test
OPPORTUNITIES FOR SETTLING ARREARS	Examination - Pass/Fail test. Re-examination within 1 month
GRADING SYSTEM	RESPECTIVE MARKING CRITERIA
TEST (MULTIPLE CHOICE QUESTIONS)	AT LEAST 51 %

IV. TIMETABLE AND LIST OF TOPICS	
	<ul style="list-style-type: none"> • Introduction - Maintenance, Repair and Overhaul (MRO) market and current trends in the sector (2 hours); • Introduction to the regulation (3 hours); • MRO architecture – Base/line/outstations, positions, roles (6 hours); • Typical modes of MRO contracting; Annual contracts; Blanket orders; Systems contracts; Procurement cards (1 hour); • Managing communication between involved parties - CAMO, Pilots, Mechanics, Suppliers, DOA etc (0.5 hours); • Leveraging electronic commerce to improve MRO; Online catalogues; planning systems, task card systems etc (1 hour); • Continuously running an effective Part-145 approval (0.5 hours). • Examination (1h)

V. LEARNING MATERIALS

Compulsory materials: e-learning course at <http://moodle.eava.ee/>

Additional materials recommended: ICAO Annex 18 and Annex 18 Technical instructions