

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	2018/2019, 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 – 17 hrs; independent work – 61 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 an in-depth overview of MRO business and its main principles
LEARNING OUTCOMES	The course participant having passed the module: <ol style="list-style-type: none"> 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 work 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 one month
GRADING SYSTEM	RESPECTIVE MARKING CRITERIA
TEST (MULTIPLE CHOICE QUESTIONS)	The student shall have to score at least 51 % of the total of points.

IV. SCHEDULE AND LIST OF TOPICS

WEEK OF YEAR	WORK FORMAT	TOPICS
	Lecture, 2h	Introduction – Maintenance, Repair and Overhaul (MRO) market and current trends in the sector
	Lecture, 3h	Introduction to the regulation
	Lecture, 6h	MRO architecture – Base/line/outstations, positions, roles
	Lecture, 1h	Typical modes of MRO contracting; Annual contracts; Blanket orders; Systems contracts; Procurement cards
	Lecture, 1h	Managing communication between involved parties – CAMO, Pilots, Mechanics, Suppliers, DOA etc
	Lecture, 1h	Leveraging electronic commerce to improve MRO; Online catalogues; planning systems, task card systems etc
	Lecture, 1h	Continuously running an effective Part-145 approval
	Seminar, 1h	Examination

V. LEARNING MATERIALS

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

Additional materials recommended: ICAO Annex 18 and Annex 18 Technical instructions, Haguma, T., 2016. Fundamentals of Aircraft Maintenance Management, Notion Press, Inc. Kinnison, A. H., 2012. Aviation Maintenance Management, McGraw-Hill Education