

SYLLABUS

I. GENERAL DATA ON SUBJECT COURSE	
CODE AND NAME OF SUBJECT (in English and Estonian)	AM.084 MRO Management <i>Hooldusorganisatsiooni tegevuse juhtimine</i>
ACADEMIC YEAR, TERM	2020/2021 Fall Semester, daytime studies
CURRICULUM, SPECIALITY AND MODULE WHERE THE SUBJECT BELONGS TO	N/A
VOLUME OF SUBJECT (ECTS)	3
FORM OF CONTROL	Pass/Fail
WORKLOAD AND FORMAT OF STUDIE	Contact hours (lecture): 30h Individual work: 48h
LANGUAGE OF INSTRUCTION	English
ADDITIONAL INFORMATION (PREREQUISITE SUBJECT COURSES, RESTRICTIONS)	N/A
LECTURER	Unknown

II. GOAL OF SUBJECT, LEARNING OUTCOMES AND SHORT DESCRIPTION OF THE COURSE	
GOAL OF SUBJECT COURSE	Give a knowledge and understanding of management and business principles of EASA Part 145 MRO.
LEARNING OUTCOMES	As a result of passing the course a student shall: <ul style="list-style-type: none"> • understand the principles of MRO market; • knows different MRO business areas and MRO architecture; • understand the regulatory background of MRO operations; • Orientates in MRO optimization techniques and tools.
SUBJECT COURSE DESCRIPTION	Basic understanding of any EASA Part 145 MRO function model and its management.

III. COURSE OUTLINE	
Week 01 (4h) Introduction – Maintenance, Repair and Overhaul (MRO) market and current trends in the sector	
Week 02 (4h+2h) Regulatory environment of EASA MRO in EU Member State or out of EU	
Week 03 (4h) Business strategy, structure, positions, departments/units and their functions and collaboration.	
Week 05 (2h) Control, assessment and evaluation via IT solutions and programs in use.	
Week 6 (3h) MRO Sub-contractors, partners, clients, state entities	
Week 06 (3h+2h) The main pitfalls and risk management	
Week 7 (2h) Guest Lecturer from Estonian largest MRO	
Week 8 Sum up / Recalling, preparing for Course Test	

IV. GRADING SYSTEMS AND CRITERIA	
Prerequisite	Requirements for passing the course: participation in classroom work and working through the e-learning materials as assigned
Formation of Examination Mark	Multi-choice question Course Test
Course Test Marking Criteria	The multi-choice question Course Test pass mark is 51 %.

In case Failed Course Test	A failed Course Test can be retaken as agreed with the Lecturer within one month.
	The maximum number of consecutive attempts for Course Test is three.

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

