

## SYLLABUS

<b>I. GENERAL DATA ON SUBJECT COURSE</b>	
CODE AND NAME OF SUBJECT (in English and Estonian)	<b>AM.084 MRO Management</b> <i>Hooldusorganisatsiooni tegevuse juhtimine</i>
ACADEMIC YEAR, TERM	2019/2020 Fall Semester
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 <i>NOTE: Length of 1 contact hour is 45 minutes.</i>
LANGUAGE OF INSTRUCTION	English
ADDITIONAL INFORMATION (PREREQUISITE SUBJECT COURSES, RESTRICTIONS)	N/A
LECTURER	<b>Peeter Pajula, Msc; Guest Lecturer</b>

<b>II. GOAL OF SUBJECT, LEARNING OUTCOMES AND SHORT DESCRIPTION OF THE COURSE</b>	
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"> <li>• understand the principles of MRO market;</li> <li>• knows different MRO business areas and MRO architecture;</li> <li>• understand the regulatory background of MRO operations;</li> <li>• Orientates in MRO optimization techniques and tools.</li> </ul>
SUBJECT COURSE DESCRIPTION	Basic understanding of any EASA Part 145 MRO function model and its management.

<b>III. COURSE OUTLINE</b>		
Subject	Hours	Lecturer
<b>1. Introduction – Maintenance, Repair and Overhaul (MRO) market and current trends in the sector</b>	2	Peeter Pajula
Case Study	2	
<b>2. Regulatory environment of EASA MRO in EU Member State or out of EU</b>	4	Peeter Pajula

Case Study	2	
<b>3. Business strategy, structure, positions, departments/units and their functions and collaboration.</b>	4	Peeter Pajula
Case Study	2	
<b>4. Control, assessment and evaluation via IT solutions and programs in use.</b>	2	Peeter Pajula
<b>5. MRO Sub-contractors, partners, clients, state entities</b>	3	Peeter Pajula
<b>6. The main pitfalls and risk management</b>	3	Peeter Pajula
Case Study	2	
<b>7. Guest Lecturer from Estonian largest MRO</b>	2	Guest Lecturer
<b>8. Sum up / Recalling, preparing for Course Test</b>	2	Peeter Pajula

#### 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