

## Module 5 *MRO Management*

<b>Time</b>	September 2017
<b>Venue</b>	Estonian Aviation Academy
<b>Schedule</b>	Schedule shall be provided as a separate document
<b>Format of studies</b>	Lecture, group work, independent work with materials
<b>Language(s) of instruction</b>	English
<b>Lecturer(s)</b>	Peeter Pajula, Risto Mäeots
<b>Course timeframe format</b>	Conduct hours: 14 academic hours of classroom teaching; Individual work: 2 a/hrs of independent work with e-learning materials in Moodle environment.
<b>Size of group</b>	5-10
<b>Goal</b>	The aim of the module is to give indepth overview of MRO business and its main principles.
<b>Topics / content of module</b>	<ul style="list-style-type: none"> <li>• Introduction - Maintenance, Repair and Overhaul (MRO) market and current trends in the sector (2 hours);</li> <li>• Introduction to the regulation (3 hours);</li> <li>• MRO architecture – Base/line/outstations, positions, roles (6 hours);</li> <li>• Typical modes of MRO contracting; Annual contracts; Blanket orders; Systems contracts; Procurement cards (1 hour);</li> <li>• Managing communication between involved parties - CAMO, Pilots, Mechanics, Suppliers, DOA etc (0.5 hours);</li> <li>• Leveraging electronic commerce to improve MRO; Online catalogues; planning systems, task card systems etc (1 hour);</li> <li>• Continuously running an effective Part-145 approval (0.5 hours).</li> </ul>
<b>Learning outcomes</b>	<p>The course participant having passed the module:</p> <ol style="list-style-type: none"> <li>1) understands the principles of MRO market;</li> <li>2) knows different MRO business areas and MRO architecture;</li> <li>3) understands the regulatory background of MRO operations;</li> <li>4) orientates in MRO optimization techniques and tools.</li> </ol>
<b>Requirements for passing the course</b>	Participation in classroom teaching and working through the e-learning materials as assigned
<b>Learning materials and additional information</b>	Lecture notes in Moodle enviornment ( <a href="http://moodle.eava.ee">moodle.eava.ee</a> )
<b>Grading plan</b>	<p>Examination - Pass/Fail</p> <p>Re-examination within 1 month.</p>