

t.MARO - Maintenance, Repair & Overhaul

Person responsible for the course: Patrick Scherrer, td15

Responsible OU:

ECTS: 4

Valid for: 2012/2013

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Expertise:

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Methodological skills:

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Social skills:

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Personal skills:

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Learning objectives:

- know the basic aircraft system anatomy and technical principles of a modern commercial air transport aircraft in connection with the maintenance requirements;
- be able to understand the airline setup necessary to get an Air Operator Certificate (AOC);
- know the worldwide airline regulation bodies;
- know in detail the EASA regulations (EASA Part-M and Part-145) governing aircraft maintenance activities;
- be able to understand the setup of an airline organisation, the Continuing Airworthiness Management Organisation (CAMO) and its processes.

Course content:

- General Familiarization Aircraft Systems
- Worldwide Airline regulation bodies
- Airline Organisation (what does it need to get an AOC?)
- EASA Part-M (Continuing Airworthiness Requirements)
- EASA Part-145 (Maintenance Requirements)
- CAMO setup and Part-M/145 processes
- Visit of an airline maintenance facility

Previous knowledge:

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Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	4
Tutorial/Practicum	
Block instruction	

Assessment:

According to the table or as specified in writing by the lecture at the beginning of the semester!

description	type	form	scope	assessment	weighting
Performance records during school hours					
Semester end exam					

Language of instruction:

German

Instruction material:

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Additional literature:

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Comments:

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