t.FLPE2 - Flight operation and Performance 2

Person responsible for the course:	Roland Steiner, stnr
Credits:	4
Valid for:	2010/2011
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Learning objectives:

The students

- know the structure of flight operation organisations according to EU-OPS (JAR-OPS1),

- learn the importance of EU-OPS for flight operations,

- can apply the rules in case studies and understand the various concepts,

- recognise the tolerance for optimisation in daily flight operations.

Course content:
- Loading of aircraft, cargo handling
- Fundamentals of CG calculations
- Structure of EU-OPS
- Operations Manual and Flight Operation
- Fuel Policy
- Operational Flight Plan and Fuel Management
- Noise abatement
- Windshear & Microburst
- Emergency considerations
- Flight Ops Departement
- RWY considerations
- NAT, OTS, MNPS and ETOPS
- RVSM and RNP
- Qualification of crew members
- Flight Duty Regulations

Previous knowledge:
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Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14*(2L+2L)
Tutorial/Practicum	
Group teaching	
Block instruction	
Seminar	

Assessment:

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

Number	Type	Weighting
1	End of term exam	80%
1	Exam during the semester	20%
	Further assessments	

Language of instruction:

Deutsch

Instruction material:

- ICAO Annex 6
- EU-OPS (EC)
- Handouts

Comments:

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