

t.ATM2 - Air Traffic Management 2

Person responsible for the course: Carlo Bernasconi, td12

Credits: 4

Valid for: 2009/2010

Last saved: 06.07.2010 14:46

Learning objectives:

The students

- are aware of the current problems and limitations of ATM,
- are up to date on current trends and developments in ATM in the US,
- work in projects to find solutions for a SES

Course content:

Eurocontrol: ESARR 1-6

- Single European Sky (SES)
- Functional Airspace Blocks (FAB)
- CANSO (Civil Air Navigation Services Organisation)
- Development in ATM: SESAME, SESAR, NGATS (Next Generation Air Transport S system)
- ADS-B, 4DTrajectory Exchange, etc.

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	
1	Exam during the semester	
1	Further assessments	

Language of instruction:

English

Instruction material:

ESARR 1-6

script

Comments:

lecturer: Carlo Bernasconi (and other guest lecturers)