

## t.HEL1 - Introduction to Rotary Wing Aircraft

**Person responsible for the course:** Marcello Righi, rigm

**Credits:** 4

**Valid for:** 2009/2010

**Last saved:** 06.07.2010 11:04

### Learning objectives:

The students

- are made familiar with the helicopter "System",
- understand the helicopter as an airborne means of transport (basic understanding of operational requirements, performance, manoeuvres, and design issues for helicopters);
- understand the helicopter as an example of a complex mechanical system (modelling, investigation / prediction methods)

### Course content:

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### Previous knowledge:

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### Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14*4
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	100%
	Exam during the semester	
	Further assessments	

### Language of instruction:

German

### Instruction material:

J. G. Leishman, Principles of Helicopter Aerodynamics  
 J. G. Leishman, The Helicopter, Thinking Forward, Looking Back  
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**Comments:**

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