

t.PHSAV2 - Physik und Systemwissenschaft für Aviatik 2

Person responsible for the course: Werner Maurer, maur**Credits:** 8**Valid for:** 2010/2011**Last saved:** 10.07.2010 07:12

Learning objectives:

The students develop a personal and reflected working technique. The students can present their results verbally and in written form target group appropriate (zielgruppengerecht). The students know the basic principles of the physics of the dynamic system

Course content:

Rotational mechanics: angular momentum balance; rotation around an axis; rigid body in a plane. Open systems: energy and momentum balance; transient processes Thermodynamics: entropy and energy balance; thermal processes; thermodynamics of homogeneous sys

Previous knowledge:

Physik und Systemwissenschaft für Aviatik 1

Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14x2L
Tutorial/Practicum	
Group teaching	14x(4L+2L)
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	6
1	Exam during the semester	2,5
1	Further assessments	2,5

Language of instruction:

Deutsch

Instruction material:

Skript, eLearning-Module, pp-Folien, Sammlung alter Prüfungen

Comments:

Details werden zu Beginn der Unterrichtsveranstaltung festgelegt.