

t.MST1 - Mechanik Statik 1

Person responsible for the course: Jürg Meier, mrjg
Credits: 2
Valid for: 2011/2012
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Learning objectives:

- Understanding the basic terms of statics
- Determine the effect of forces and moments upon rigid bodies
- Deriving the conditions of equilibrium and bearing reactions in a centred and a general system of forces

Course content:

- Basic terms of statics
- Concurrent and spatial systems of forces (equilibrium, support reactions)
- System of coplanar forces and forces in space (equilibrium, support reactions)

Previous knowledge:

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Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14x2L
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	60%
2	Exam during the semester	20% each
	Further assessments	

Language of instruction:

Deutsch

Instruction material:

Script of the lecturer, possibly use of the book Technische Mechanik 1: Gross, Hauger, Schnell

Comments:

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