

t.MLAE1 - Mathematik: Lineare Algebra für Ingenieure 1

Person responsible for the course: Marcello Robbiani, roma

Credits: 3

Valid for: 2010/2011

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Learning objectives:

This course

- provides the mathematical armamentarium and the mathematical skills needed for the engineering courses
- introduces to the mathematical approaches of problem solving and trains abstract thinking
- allows for the common knowledge in mathematics

Course content:

equalities and inequalities
systems of linear equations
matrices
coordinates and transformations
cartesian geometry
vectors and their applications in geometry

Previous knowledge:

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Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14x(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	0,6
2	Exam during the semester	2 x 0.2
	Further assessments	

Language of instruction:

Deutsch

Instruction material:

Dozierendenabhängig
Fischer: Analytische Geometrie. Vieweg.

Comments:

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