

## t.PEMV3 - Produktentwicklung für Material- und Verfahrenstechnik 3

**Person responsible for the course:** Markus Weber Sutter, webm

**Credits:** 3

**Valid for:** 2010/2011

**Last saved:** 09.09.2010 14:27

### Learning objectives:

Augmentation of the student's knowledge about constructional elements, apparatus, machines, and plants that are used for unit operations in materials and process engineering

deepening of the knowledge in plant and apparatus design

introduction into the methodology of systematic creativity

### Course content:

Product development as a hybrid process between creating or educating on the one hand and the application of mostly minor modifications to gradually and systematically improve a product on the other hand.

### Previous knowledge:

desirable:

PEMV 1

### Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	7 x 3 lessons
Tutorial/Practicum	7 x 3 lessons
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	Project reports	20 % each
	Further assessments	

### Language of instruction:

German

### Instruction material:

Lecture notes on the intranet and handouts

In addition, books will be recommended

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**Comments:**

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