

t.VMO - Verbrennungsmotoren

Person responsible for the course: Egon Lang, lang
Credits: 4
Valid for: 2010/2011
Last saved: 03.09.2010 10:02

Learning objectives:

Acquiring the basics knowledge of the mechanical and thermodynamic principles of an internal combustion engine (petrol, diesel, and gas engines) including environmental aspects. Knowing the main applications of a internal combustion engine

Course content:

Selected topics of mechanical, thermo dynamical designing problems in dimensioning of combustion engines. Use of a combustion engine to produce of mechanical energy for vehicles and stationary facilities. Practical exercises on the test rig.

Previous knowledge:

-

Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	12x4L
Tutorial/Practicum	2x4L
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%
1	Exam during the semester	20%
1	Literature research and summary about a specific topic	20%

Language of instruction:

Deutsch

Instruction material:

-

Comments:

-
