Experimental Methods in Engineering MAK 411E Lecture 1 – Course Overview

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Week	Topics
1	Lab. safety rules, report writing
2	Review of experimental methods, uncertainty and error analysis
3	Planning and Theory of experimental design
4	Lab 1 (Heat Transfer or Thermodynamics MAK 212 or MAK 311)
5	Lab 2 (Fluid Mechanics- AKM 204)
6	Lab 3 (Machine Theory- MAK 322)
7	Lab 4 (Strength of Materials - MUK 201)
8	Lab 5 (System Dynamics and Control - MAK 331E)
9	Lab 6 (Vehicle Technology – MAK461E)
10	Lab 7 (Internal Combustion Engines - 493E)
11	Term Project Design and Midterm exam
12	Term Project Design
13	Term Project Design
14	PROJECT POSTER and PRESENTATION

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	Midterm exem	1	% 20	
	Quizzes	5	% 10	
	Laboratory Work	5	% 20	
	Automotive Laboratory	2	% 10	_
	Project	1 (Repo	% 40 ort + Presentation)	