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course time table

# Hands-on project to finite element analysis

– winter term 2018/19 –

PJ: 0530 L 164

week		date		topic (instructor)	room	time
CW	LW	day	date			
42	1	Mon.	Oct. 15, 2018	LEC: preliminaries, introduction SMT	MS 107	2 to 4 p.m.
		Mon.	Oct. 15, 2018	LEC: components in SMT	MS 107	4 to 6 p.m.
43	2	Mon.	Oct. 22, 2018	LEC: materials in SMT	MS 107	2 to 4 p.m.
		Mon.	Oct. 22, 2018	LEC: concept of stress	MS 107	4 to 6 p.m.
44	3	Mon.	Oct. 29, 2018	LEC: introduction stress analysis	MS 107	2 to 4 p.m.
		Mon.	Oct. 29, 2018	LEC: stress analysis continued, VOIGT's notation	MS 107	4 to 6 p.m.
45	4	Mon.	Nov. 5, 2018	LEC: stresses and strains continued, orthogonal coordinate transformations	MS 107	2 to 4 p.m.
		Mon.	Nov. 5, 2018	LEC: HOOKE's law for isotropic materials	MS 107	4 to 6 p.m.
46	5	Mon.	Nov. 12, 2018	LEC: LAMÉ-NAVIER equations	MS 107	2 to 4 p.m.
		Mon.	Nov. 12, 2018	LEC: LAMÉ-NAVIER equations cont.	MS 107	4 to 6 p.m.
47	6	Mon.	Nov. 19, 2018	LEC: VON MISES yield criterion, metal plasticity	MS 107	2 to 4 p.m.
		Mon.	Nov. 19, 2018	LEC: creep, hyperbolic law of creep	MS 107	4 to 6 p.m.
48	7	Mon.	Nov. 26, 2018	LEC: fatigue analysis and lifetime prediction	MS 107	2 to 4 p.m.
		Mon.	Nov. 26, 2018	TUT: tensor calculus using indices notation (Abali)	MS 107	4 to 6 p.m.
49	8	Mon.	Dec. 03, 2018	TUT: task catalog (Abali)	MS 107	2 to 4 p.m.
		Mon.	Dec. 03, 2018	TUT: task catalog(Abali)	MS 107	4 to 6 p.m.
50	9	Mon.	Dec. 10, 2018	<b>midterm exam</b>	MS 107	2 to 4 p.m.
51	10	Mon.	Dec. 17, 2018	introduction to projects/ group formation/ <b>exam registration</b>	MS 107	2 to 4 p.m.
02	11	Mon.	Jan. 07, 2018	project consultation	MS 107	2 to 6 p.m.
03	12	Mon.	Jan. 14, 2018	<b>1<sup>st</sup> intermediate presentations</b>	MS 107	2 to 6 p.m.
04	13	Mon.	Jan. 21, 2018	project consultation	MS 107	2 to 6 p.m.
05	14	Mon.	Jan. 28, 2018	<b>2<sup>nd</sup> intermediate presentations</b>	MS 107	2 to 6 p.m.
06	15	Wed.	Feb. 04, 2018	<b>submission of project reports</b>		
07	16	Fri.	Feb. 11, 2018	<b>final presentations/ oral exams</b>	MS 107	t. b. a.