

Mechatronics 2010

Lectures in italics could be changed

Subject	Cal week	Week sp1	Week sp2	Date	Time	Room	Professor
Introduction / What is Mechatronics?	3	1		Mo	18-jan 15.15-17.00	M:D	Mats Alaküla
Energy Flow	3	1		Wed	20-jan 8.15-10.00	M:E	Mats Alaküla
No lecture	3	1		Thu	21-jan 15.30-17.00		
Design Methodology	3	1		Fri	22-jan 8.15-10.00	M:D	Robert Bjärnemo
Design Methodology	4	2		Mo	25-jan 13.15-15.00	M:IEA	Robert Bjärnemo
Energy Flow	4	2		Wed	27-jan 8.30-10.00	M:E	Mats Alaküla
Energy Flow	4	2		Thu	28-jan 8.30-10.00	M:D	Mats Alaküla
Energy Flow	4	2		Fri	29-jan 15.15-17.00	M:D	Mats Alaküla
Design Methodology	5	3		Mo	01-feb 13.15-15.00	M:D	Robert Bjärnemo
Development projects	5	3		Wed	03-feb 8.15-10.00	M:IEA	Bertil Nilsson
Laws and Standards	5	3		Thu	04-feb 8.15-10.00	M:IEA	Johan Nilsson
Feedback on tasks 1 and 2	5	3		Fri	05-feb 13.15-15.00	M:D	Henriette/Robert
Development projects	6	4		Mo	08-feb 13.15-15.00	M:IEA	Bertil Nilsson
Projects' presentation	6	4		Wed	10-feb 9.00-10.00	M:IEA	Mats Alaküla
Development projects	6	4		Thu	11-feb 8.15-10.00	M:IEA	Bertil Nilsson
Production Technology	6	4		Fri	12-feb 13.15-15.00	M:IEA	Jimmie Zhou
Production Technology	7	5		Mo	15-feb 13.15-15.00	M:IEA	Jimmie Zhou
Production Technology	7	5		Wed	17-feb 8.15-10.00	M:IEA	Jimmie Zhou
Task 3 presentation/ Visit to the robot lab	7	5		Thu	18-feb 8.15-10.00	M:IEA	Henriette/Anders Robertsson
No lecture	7	5		Fri	19-feb 13.15-15.00		
Finite Element Analysis	8	6		Mo	22-feb 13.15-15.00	DC:467	Åke Burman
Computer exercise	8	6		Mo	22-feb 15.15-17.30	DC:108	Åke Burman
No lecture	8	6		Wed	24-feb 8.15-10.00		
Sensor Technology	8	6		Thu	25-feb 8.15-10.00	M:IEA	Hans W. Persson
No lecture	8	6		Fri	26-feb 13.15-15.00		
Deadline for report 1 : (goals, spec, org...)	9	7		Mo	01-mar		

EXAM PERIOD	10						
EMC	11		1	Mo	15-mar 13.15-15.00	M:IEA	Johan Nilsson
Control Systems - Real Time Programming/ Semaphores	11		1	Tu	16-mar 10.15-12.00	M:IEA	Klas Nilsson
Control Systems - RTP/Real Time Java, Laboration=Task 5	11		1	Thu	18-mar 13.15-15.00	M:IEA	Klas Nilsson
Control Systems - Communication	11		1	Fri	19-mar 13.15-15.00	M:IEA	Gunnar Lindstedt
Control Systems - Communication/Real Time Impl.	12		2	Mo	22-mar 13.15-15.00	M:IEA	Gunnar Lindstedt
Control Systems - Real Time Implementation	12		2	Tu	23-mar 10.15-12.00	M:IEA	Gunnar Lindstedt
No lecture	12		2	Thu	25-mar 13.15-15.00		
No lecture	12		2	Fri	26-mar 13.15-15.00		
EASTER week	13						
EXAM PERIOD	14						
EXAM PERIOD	15						
Control Systems - Real Time Control	16		3	Mo	19-apr 13.15-15.00	M:IEA	Karl-Erik Årzén
RTP Laboration	* 16		3	Tu	20-apr 10.15-12.00	E:Mars	Anders, Jesper
No lecture	16		3	Thu	22-apr 13.15-15.00		
No lecture	16		3	Fri	23-apr 13.15-15.00		
Control Systems - Real Time Control			4	Mon	26-apr 13.15-15.00	M:IEA	Karl-Erik Årzén

* marks compulsory (4 of 5) tasks in the course

Deadline for full report (concept, detailed constr)	4	Fri	30-apr
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Project Presentations	18	5	Mon	03-maj 13.15-15.00	M:IEA	Mats Alaküla
Project Presentations	18	5	Tue	04-maj 10.15-12.00	M:IEA	Mats Alaküla
Project Presentations	18	5	Thu	06-maj 13.15-15.00	M:IEA	Mats Alaküla
Deadline for full corrected report (concept, detailed constr)		6	Fri	14-maj		

Exam for higher grades	Tue	25-maj	14.00-19.00	M:IEA
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