



<b>SUBJECT: Spacecraft Pre-design</b>		
<b>MASTER DEGREE: Master in Space Engineering</b>	<b>ECTS: 3</b>	<b>TERM: 4th</b>

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	TEACHING (MARK X)		SPECIAL ROOM FOR SESSION (Computer room, audiovisual room)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS (1,66 h = 50 min + 50 min)	HOMEWORK HOURS (max. est. 3,25 h)
1	1	Mission requirements and constraints. Flowdown	X			Intro. Hand out mission requirements	1.66	3.25
1	2	The space system pre-design team and its roles	X			Team formation and beginning of project	1.66	3.25
2	3	Group work session		X		Project session	1.66	3.25
2	4	Preliminary design of space systems. Budgets, trade-offs	X			Tutorial session	1.66	3.25
3	5	Group work session		X		Project session	1.66	3.25
3	6	Group work session		X		Project session	1.66	3.25
4	7	Preliminary design of space segment subsystems	X			Tutorial session	1.66	3.25
4	8	Group work session		X		Project session	1.66	3.25
5	9	Group work session		X		Project session	1.66	3.25
5	10	Verification and validation	X			Tutorial session	1.66	3.25
6	11	Group work session		X		Project session	1.66	3.25
6	12	Group work session		X		Project session	1.66	3.25
7	13	Technical report and presentation of results		X		Presentation session	1.66	0
7	14	Technical report and presentation of results		X		Presentation session	1.66	0
	15	Additional session		X		Presentation session	1.66	0
<b>Subtotal 1</b>							25	39
<i>Total 1 (Hours of class plus student homework)</i>							64	
8		Tutorials, handing in, etc.,					1.8	--
9		Assessment					4	4
10								
11								
<b>Subtotal 2</b>							6	4
<i>Total 2 (Hours of class plus student homework)</i>							10	
<b>Total</b>							74	