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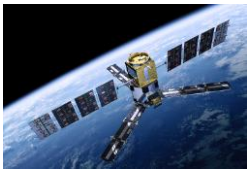

SUBJECT: Space Environment		
MASTER DEGREE: Master in Space Engineering	ECTS: 3	TERM: 1

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	Introduction to Space Environment	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
1	2	The Solar System	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
2	3	The Earth's Magnetosphere	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
2	4	Exercises on stars, the Sun, and the solar wind		X		Solve the proposed exercises	1,66	3,25
3	5	Earth's gravitational, magnetic, and electric fields	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
3	6	Earth's atmosphere and ionosphere	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
4	7	Lab on environmental models I			X	Solve the proposed exercise aided by a computer and write a report	1,66	3,25
4	8	Plasma Interactions I: Spacecraft charging	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
5	9	Plasma Interactions II: wave propagation	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
5	10	Meteoroids and Space Debris	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
6	11	Lab on environmental model II			X	Solve the proposed exercise aided by a computer and write a report	1,66	3,25
6	12	Effects on materials	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
7	13	Effect on humans	X			Reading the corresponding book chapters. Study and personal work about the lecture	1,66	3,25
7	14	Exercises on effects on material and humans		X		Solve the proposed exercises	1,66	3,25
	15	Additional session: exercises		X		Solve the proposed exercises	1,66	3,25
						Subtotal 1	25	49
						Total 1 (Hours of class plus student homework)	74	
8		Tutorials, handing in, etc.,					1,8	--
8		Assessment					4	4
						Subtotal 2	6	4
						Total 2 (Hours of class plus student homework)	10	
						Total *(around 83 h)*	83	