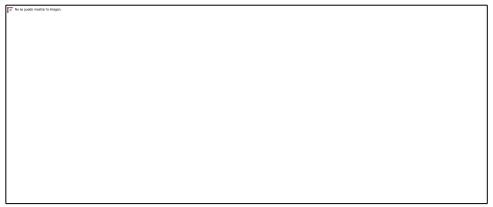

COURSE: AEROSPACE VEHICLES: COMPLEMENTS II		
DEGREE: AEROSPACE ENGINEERING	**YEAR: 2017/2018**	**TERM: SPRING**

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	Indicate YES/NO If the session needs 2 teachers	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Course Introduction	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	
1	2	Dynamical Systems and Advanced Flight Mechanics	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	5
2	3	Stability Derivatives	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	
2	4	Lab 1: Stability derivatives (1/3)		X	X			1,6	7
3	5	Longitudinal motion: Linearized equations	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	
3	6	Lab 1: Longitudinal Motion (2/3)		X	X			1,6	7
4	7	Lateral Motion: Linearized equations	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	7

4	8	Lab 1: Lateral Motion (3/3)		X	X			1,6	
5	9	Open Loop Theory (1/2)	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	
5	10	Open Loop Theory (2/2)	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	5
6	11	Lab 2: Open Loop (1/3)		X	X			1,6	
6	12	Lab 2: Open Loop (2/3)		X	X			1,6	7
7	13	Lab 2: Open Loop (3/3)		X	X			1,6	
7	14	Closed Loop Theory (1/2)	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	7
8	15	Closed Loop Theory (2/2)	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	
8	16	Lab 3: Closed Loop (1/3)		X	X			1,6	7
9	17	Lab 3: Closed Loop (2/3)		X	X			1,6	
9	18	Lab 3: Closed Loop (3/3)		X	X			1,6	7
10	19	Onboard systems design	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	
10	20	Onboard systems design	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	5
11	21	Onboard systems design	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	
11	22	Onboard systems design	X				Solve the proposed exercises	1,6	5
12	23	Onboard systems design	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	
12	24	Onboard systems design	X				Reading corresponding book chapters. Study and personal work about the lecture	1,6	5
13	25	OB- Lab 1		X	X			1,6	
13	26	OB- Lab 2		X	X			1,6	7
14	27	OB- Lab 3		X	X			1,6	
14	28	OB- Lab 4		X	X			1,6	7
7	29	Course Review	X					1,6	5
							Subtotal 1	**46,4**	**93**
							Total 1 *(Hours of class plus student homework hours between weeks 1-14)*	139,4	

15		Tutorials, handing in, etc						20	
16		Assessment						3	

17									
18									
							Subtotal 2	**3**	

Total 2 *(Hours of class plus student homework hours between weeks 15-18)*	23

TOTAL *(Total 1 + Total 2. Maximum 180 hours)*	**162,4**