

COURSE: Flight Mechanics I		
DEGREE: Aerospace Engineering	YEAR: 2020/2021	TERM: 2

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT		
			L E C T U R E S	S E M I N A R S		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 3,25h)
1	1	Introduction to Mechanics of Flight	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
2	2	Exercises on Reference Frames		X		Solve the proposed exercises	1,66	3,25
3	3	Equations of Motion	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
4	4	Exercises on Equations of Motion		X		Solve the proposed exercises	1,66	3,25
5	5	Performance. Level Flight	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
6	6	Exercises on Level Flight		X		Solve the proposed exercises	1,66	3,25
7	7	Lab 1: Level Flight Performance			X	Solve the exercises of the lab and prepare the report	1,66	3,25
8	8	Performance. Flight in a Vertical Plane	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
9	9	Exercises on Flight in Vertical Plane		X		Solve the proposed exercises	1,66	3,25

WEEKLY PLANNING								
WEEK	SESSION	DESCRIPTION	TEACHING (mark X)		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS (1,66=50+50 min)	HOMEWORK HOURS (Max. Estim. 3,25h)
10	10	Performance. Turning Flight	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
11	11	Exercises on Turning Flight		X		Solve the proposed exercises	1,66	3,25
12	12	Takeoff and landing	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
13	13	Lab2. Performance different flight phases			X	Solve the exercises of the lab and prepare the report	1,66	3,25
14	14	High Velocity Performance and Ground Effect	X				1,66	3,25
	15	Exercises proposed in previous exams		X		Solve the proposed exercises	1,66	3,25
Subtotal 1							25	49
Total 1 (Hours of class plus student homework)							74	
15		Tutorials, handing in, etc					1,8	-
16		Assessment					4	4
17								
18								
Subtotal 2							6	4
Total 2 (Hours of class plus student homework)							10	
TOTAL (<i>Maximun 83 horas</i>)							83	