

COURSE: Flight Mechanics II

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 stability analysis	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
2	2	Longitudinal Static stability in stick fixed conditions (1/2)	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
3	3	Exercise: longitudinal static stability in stick fixed conditions		X		Solve the proposed exercises	1,66	3,25
4	4	Longitudinal Static stability in stick fixed conditions (2/2)	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
5	5	Exercise: longitudinal static stability in stick fixed conditions		X		Solve the proposed exercises	1,66	3,25
6	6	Longitudinal Static stability in stick free conditions (1/2)	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
7	7	Lab 1: Longitudinal static stability			X	Solve the exercises of the lab and prepare the report	1,66	3,25
8	8	Longitudinal Static stability in stick free conditions (2/2)	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
9	9	Exercise: longitudinal static stability in free fixed conditions		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	Longitudinal static stability in maneuver	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
11	11	Exercise on longitudinal static stability in maneuver		X		Solve the proposed exercises	1,66	3,25
12	12	Lateral-Directional static stability (1/2)	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
13	13	Lab 2: design and performance of a glider			X	Solve the exercises of the lab and prepare the report	1,66	3,25
14	14	Lateral-Directional static stability (2/2)	X			Reading corresponding book chapters. Study and personal work about the lecture	1,66	3,25
	15	Exercises on lateral stability		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	