Universidad Carlos III de Madrid
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COURSE: Aircraft Design		
DEGREE: Aerospace Engineering	YEAR: 4th	TERM: 2nd

La asignatura tiene 29 sesiones que se distribuyen a lo largo de 15 semanas. Los laboratorios pueden situarse en cualquiera de ellas.
Semanalmente el alumno tendrá dos sesiones, excepto en los casos especiales de acoplamiento de la sesión 29 o de recuperación de calendario.
The course has 29 sessions that are distributed along 15 weeks. Labs can be positioned in any of these weeks.
Weekly the student will have 2 sessions, except in the special cases of holiday recovery and/or setting session 29.

2017 calendar prevision

Month	Week	Sessions	Mon	Wed	Mon	Wed	Special sessions and comments
Jan	1	1-2	23	25	GOE	GOE	
Jan/Feb	2	3-4	30	1	GOE	CRP	
Feb	3	5-6	6	8	CRP	CRP-CGP	
Feb	4	7-8	13	15	CRP-CGP	CGP	
Feb	5	9-10	20	22	CGP	DQS	Tue 21-Feb, Lab CGP, session 29
Feb/Mar	6	11-12	27	1	DQS	DQS-TWL	
Mar	7	13-14	6	8	DQS-TWL	TWL	
Mar	8	15-16	13	15	TWL	DWR	
Mar	9	17-18	20	22	TWL-DWR	DWR	Mon 20-Mar, Lab TWL
Mar	10	19-20	27	29	Exam	AC	Mon 27-Mar, Partial Exam
Apr	11	21-22	3	5	AC	AC	
Apr	-	-	10	12	-	-	
Apr	12	23	17	19	-	AC-SL	Wed 19-Apr, Lab AC
Apr	13	24-25	24	26	AC-SL	SL	
May	14	26	1	3	-	SL	Wed 3-May, Lab SL
May	15	27-28	8	10	SL-CA	CA	

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	Generalities and Operating Environment	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
1	2	Generalities and Operating Environment	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
2	3	Generalities and Operating Environment		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
2	4	Cruise Performance	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
3	5	Cruise Performance		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
3	6	Cruise Performance Climb and Ground Performance	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
4	7	Cruise Performance Climb and Ground Performance		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
4	8	Climb and Ground Performance	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
5	9	Climb and Ground Performance		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
5	29	Climb and Ground Performance (Lab)			X	YES	Study and personal work about theory Do the practice and report	1.6	3.2
5	10	Design process and Quick Sizing	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
6	11	Design process and Quick Sizing		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
6	12	Design process and Quick Sizing Thrust-to-Weight Ratio and Wing Loading	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2

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)
7	13	Design process and Quick Sizing Thrust-to-Weight Ratio and Wing Loading		X		YES	Study and personal work about theory Review of exercises	1.6	3.2
7	14	Thrust-to-Weight Ratio and Wing Loading	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
8	15	Thrust-to-Weight Ratio and Wing Loading		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
8	16	Design Weights and Range	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
9	17	Thrust-to-Weight Ratio and Wing Loading (Lab) Design Weights and Range (Lecture)		X	X	YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
9	18	Design Weights and Range		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
10	19	Partial Exam			X	YES	Study and personal work about theory Solve the proposed exercises	1.6	10
10	20	Aircraft Configuration	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
11	21	Aircraft Configuration		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
11	22	Aircraft Configuration	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
12	23	Aircraft Configuration (Lab) Structural Loads (Lecture)	X		X	YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
13	24	Aircraft Configuration Structural Loads		X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
13	25	Structural Loads	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2

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)
14	26	Structural Loads (Lecture) Structural Loads (Lab)			X	YES	Study and personal work about theory Review of exercises	1.6	3.2
15	27	Structural Loads (Seminar) Combat Aircrafts (Lecture)	X	X		YES	Study and personal work about theory Solve the proposed exercises	1.6	3.2
15	28	Combat Aircrafts	X			NO	Study and personal work about theory Solve the proposed exercises	1.6	3.2
							Subtotal 1	**46.4**	**99.6**
							Total 1 *(Hours of class plus student homework hours between weeks 1-15)*	146	
16		Tutorials, handing in, etc							5
16 17 18		Final Assessment			X	YES		4	20
							Subtotal 2	**4**	**25**
							Total 2 *(Hours of class plus student homework hours between weeks 16-18)*	29	

TOTAL *(Total 1 + Total 2. Maximum 180 hours)*	**175**