



DENOMINACIÓN ASIGNATURA: Advanced Concepts of Industrial Constructions		
POSTGRADO: Master in Industrial Mechanical Profesor/a: Carlos Santiuste Romero	ECTS: 3	CUATRIMESTRE: 2

CRONOGRAMA ASIGNATURA (Versión detallada)

SEMANA	SESIÓN	DESCRIPCIÓN DEL CONTENIDO DE LA SESIÓN	GRUPO (marcar X)		Indicar espacio necesario distinto aula (aula informática, audiovisual, etc...)	TRABAJO DEL ALUMNO DURANTE LA SEMANA		
			1	2		DESCRIPCIÓN	HORAS PRESENCIALES	HORAS TRABAJO Semana máximo 7 h
1	1	TOPIC 1: Industrial construction	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	3
2	2	TOPIC 2: Regulatory framework	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	3
3	3	TOPIC 3: Actions on buildings: actions calculation	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	3
4	4	TOPIC 3: Actions on buildings: actions combination	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	3

5	5	TOPIC 4: Structural analysis & bending: analysis of sections Dimensionado de elementos estructurales sometidos a flexión.	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	3
6	6	TOPIC 4: Structural analysis & bending: beam design	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	3
7	7	TOPIC 5: Columns & buckling: buckling theory	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	3
8	8	TOPIC 5: Columns & buckling: buckling of columns	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	3
9	9	TOPIC 5: Columns & buckling: buckling and bending of columns	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	5
10	10	TOPIC 6: Reinforced concrete: bending	X		Computer classroom	Personal work on the fundamental concepts of the topic 1.	1,5	5
11	11	TOPIC 6: Reinforced concrete: buckling	X		Computer classroom	Concepts study/ Course Project	1,5	5
12	12	Course project	X		Computer classroom	Concepts study/ Course Project	1,5	5
13	13	Course project	X		Computer classroom	Concepts study/ Course Project	1,5	5

14	14	Course project presentation	X		Computer classroom	Concepts study/ Course Project	1,5	5
TOTAL HORAS							21	54