

M1 IMDEA - 2019/2020 academic year
Course hours, credits (ECTS) and evaluation method

Course name	Number of hours			Number of ECTS	Evaluation method				
	CM Lecture	TD Tutorial	TP Practical		Session 1	Coeff.	Documents allowed during exam?	Session 2 (retakes)	Coeff.
Semester 7				30					
M1 - semester 1									
Starter courses (6 courses):				5		5			
Acoustics		15			1 written test				
Mathematics		15					Personal notes only		
Programming		15					None, except Python online help		
Signal		15					Personal notes only		
Vibrations		15							
Project			15		practical test				
Acoustics 1		40	12	6	2 written tests (mid/end term)	6	Personal & Umtice notes only	written test	6
Room acoustics		17	10	2	written test	2	None	written test	2
Maths for acoustics 1		25		3	written test	3	Personal notes only	written test	3
Instrumentation basics			21	2	practical test	2	None		
Signal for audio			21	2	practical test	2	None	practical test	2
Electronics basics		12		1	written test	1	Calculator only	written test	1
Digital electronics		10		1	written test + report	1	Calculator only	written test	1
Loudspeaker system	10		24	4	practical test	4	None	practical test	4
Microphone Basics		10		1	written test	1	None	written test	1
Transducers basics		20		2	written test	2	None	written test	2
Seminars		10		0					
English		18		1	during the semester	1	None	written test	1

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Semester 8				30					
M1 - semester 2									
Acoustics II Green		30		2	written test	2	None	written test	2
Acoustics II Project			10	2	Oral + practical test	2	sonal notes o		
Vibrations I		12		1	written test	1	None	written test	1
Vibrations experiments		8	12	2	report	2	None		
CAD modelling			20	2	practical test	2	None	practical test	2
Digital filtering		26		3	written test + report	3	Personal notes, calculator & Python software	written test	3
LP analog electronics		31		3	written test + report	3	Calculator only	written test	3
Signal analysis 1		18	18	3	written test + report	3	sonal notes o	written test	3
Loudspeaker technology	9		3	1	written test (MCQ)	1	None	written test	1
Transmission lines		20		2	written test	2	None	written test	2
Project				5	report	5			
Seminars		10		0					
English		18		1	during the semester	1	None	written test	1
Scientific expression		4	6	1	report + oral test	1	None		
Project management		10		1	written test	1	None	written test	1
Tools for job searching	10			1	written test	1	None	written test	1