

COURSE: Statistical methods for Telecommunications		
DEGREE: Bachelor's Degree in Telecommunication Technologies Engineering	YEAR: 3º	TERM: 2º

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	Chapter 1. Review of Descriptive Statistics, Probability, Random Variables and Probability Models	X			To assimilate the concepts covered in class	1,66	3,25
2	2	Chapter 2. Introduction to Point Estimation	X			To assimilate the concepts covered in class	1,66	3,25
3	3	Chapter 2. Maximum likelihood estimation	X			To assimilate the concepts covered in class	1,66	3,25
4	4	Exercises of Chapter 2 with MATLAB		X	Aula INF	To solve exercises with MATLAB	1,66	3,25
5	5	Chapter 3. Introduction to Confidence Intervals (CI) and hypothesis tests (HT) based on the sample mean	X			To assimilate the concepts covered in class	1,66	3,25
6	6	Chapter 3. Inference for a proportion and Bootstrap	X			To assimilate the concepts covered in class	1,66	3,25
7	7	Exercises of Chapter 3 with MATLAB		X	Aula INF	To solve exercises with MATLAB	1,66	3,25
8	8	Chapter 4. Comparison of populations (difference of means)	X			To assimilate the concepts covered in class	1,66	3,25
9	9	Exercises of Chapter 4 with MATLAB		X	Aula INF	To solve exercises with MATLAB	1,66	3,25
10	10	Chapter 4. Comparison of populations (difference of proportions) and Bootstrap	X			To assimilate the concepts covered in class	1,66	3,25
11	11	Exercises of Chapter 4 with MATLAB		X	Aula INF	To solve exercises with MATLAB	1,66	3,25
12	12	Chapter 5. Simple linear regression	X			To assimilate the concepts covered in class	1,66	3,25
13	13	Chapter 5. Multiple linear regression	X			To assimilate the concepts covered in class	1,66	3,25
14	14	Exercises of Chapter 5 with MATLAB		X	Aula INF	To solve exercises with MATLAB	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		
			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)
	15	Additional session: midterm exam on chapters 1-4 (week 12)	X			Midterm exam	1,66	3,25
Subtotal 1							25	49
Total 1 (Hours of class plus student homework)							74	
15		Tutorials, handing in, etc				Case study submission	1,8	-
16		Assessment					4	4
17								
18								
Subtotal 2							6	4
Total 2 (Hours of class plus student homework)							10	
TOTAL (<u>Maximun 83 horas</u>)							83	