

SUBJECT: Inteligencia Artificial en la Empresa		
STUDY: Bachelor in Informatics Engineering	COURSE: 3	QUARTER: 2
PROFESORES: Agapito Ledezma / José Antonio Iglesias	YEAR: 2020 – 2021	

WEEKLY PROGRAMMING SUBJECT									
WEEK	SESSION	DAY	DESCRIPTION	GROUP		2 Teachers Session	WEEKLY PROGRAMMING FOR STUDENT		
				BIG	SMALL		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS
1	1	26/1	Subject Presentation (Theory and Practice)		X	NO	<ul style="list-style-type: none"> Teaching Guide Reading 	1,5	7
	2	28/1	Unit 1. Introduction			NO	<ul style="list-style-type: none"> Study of the concepts taught 	1,5	
2	3	2/2	Unit 2: Expert Units <ul style="list-style-type: none"> General Overview Case Studies 		X	NO	<ul style="list-style-type: none"> Reading Chapter 12 (DSBIS – Bibliography) Study of the concepts taught 	1,5	7
	4	4/2	Introduction to the short practices and final project	X		NO	<ul style="list-style-type: none"> Final Project discussion and creation of the student groups. 	1,5	
3	5	9/2	Unit 3: Artificial Neural Networks <ul style="list-style-type: none"> General Overview Case Studies 	X		NO	<ul style="list-style-type: none"> Reading Chapter 6 (DSBC – Bibliography) Study of the concepts taught. 	1,5	7
	6	11/2	Short Practice 1 (1/2): <ul style="list-style-type: none"> Artificial Neural Networks (ANN). 		X	NO	<ul style="list-style-type: none"> Short Practice - Development 	1,5	

4	7	16/2	Unit 5. Data Mining <ul style="list-style-type: none"> General Overview Case Studies 	X		NO	<ul style="list-style-type: none"> Reading Chapter 5 (13.5) (DSBIS – Bibliography) Study of the concepts taught 	1,5	7
	8	18/2	Short Practice 1 (1/2): <ul style="list-style-type: none"> Artificial Neural Networks (ANN). 		X	NO	<ul style="list-style-type: none"> ANN Short Practice - Development 	1,5	
5	9	23/2	Unit 6. Text Mining <ul style="list-style-type: none"> General Overview Case Studies 	X		NO	<ul style="list-style-type: none"> Reading Chapter 5 (13.5) (DSBIS – Bibliography) Study of the concepts taught 	1,5	7
	10	25/2	Short Practice 2 (1/2): <ul style="list-style-type: none"> Data Mining. 		X	NO	<ul style="list-style-type: none"> Data Mining Short Practice - Development 	1,5	
6	11	2/3	Unit 7. Web Mining <ul style="list-style-type: none"> General Overview Case Studies 	X		NO	<ul style="list-style-type: none"> Reading Chapter 7 (DSBIS – Bibliography) Study of the concepts taught. 	1,5	7
	12	4/3	Short Practice 2 (2/2): <ul style="list-style-type: none"> Data Mining. 		X	NO	<ul style="list-style-type: none"> Data Mining Practice- Development 	1,5	
7	13	9/3	<ul style="list-style-type: none"> <u>Continuous Evaluation Exam 1.</u> 	X		NO	<ul style="list-style-type: none"> Continuous Evaluation Exam . Study 	1,5	7
	14	11/3	Final Project: <ul style="list-style-type: none"> Final Project Evolution. 		X	NO	<ul style="list-style-type: none"> Explanation of the final project (philosophy, regulations, and requirements) 	1,5	
8	15	16/3	Unit 8. Agents: <ul style="list-style-type: none"> General Overview Case Studies 	X		NO	<ul style="list-style-type: none"> Reading Chapter 13 (13.7) (DSBIS – Bibliography) Study of the concepts taught. 	1,5	7
	16	18/3	Short Practice 3 (1/2): <ul style="list-style-type: none"> Agents / Fuzzy Logic. 		X	NO	<ul style="list-style-type: none"> Develop practice Agents / Fuzzy Logic. 	1,5	

9	17	23/3	Unit 9: Lógica Difusa: <ul style="list-style-type: none"> • General Overview • Case Studies 	X		NO	<ul style="list-style-type: none"> • Reading Chapter 13 (DSBIS – Bibliography) • Study of the concepts taught. 	1,5	7
	18	25/3	Short Practice 3 (2/2): <ul style="list-style-type: none"> • Agents / Fuzzy Logic. 		X	NO	<ul style="list-style-type: none"> • Develop practice Agents / Fuzzy Logic. 	1,5	
10		30/3							7
		1/4							
11	19	6/4	Seminars: Other Techniques <ul style="list-style-type: none"> • General Overview • Case Studies 	X		SI	<ul style="list-style-type: none"> • Units Preparation • Study of the concepts taught. 	1,5	7
	20	8/4	<u>Continuous Evaluation Exam - Practices</u>		X	NO	<ul style="list-style-type: none"> • Exam about all the short practices 	1,5	
12	21	13/4	Seminars: Other Techniques <ul style="list-style-type: none"> • General Overview • Case Studies 	X		SI	<ul style="list-style-type: none"> • Units Preparation • Study of the concepts taught. 	1,5	7
	22	15/4	Práctica: Seguimiento de la Práctica Final		X	NO	<ul style="list-style-type: none"> • Preparar práctica final 	1,5	
13	23	20/4	Seminars: Other Techniques <ul style="list-style-type: none"> • General Overview • Case Studies 	X		SI	<ul style="list-style-type: none"> • Units Preparation • Study of the concepts taught. 	1,5	7
	24	22/4	Práctica: Defensa Final de la Práctica		X	NO	<ul style="list-style-type: none"> • Final Project Defense 	1,5	

14	25	27/4	Seminars: Other Techniques <ul style="list-style-type: none"> • General Overview • Case Studies 	X		SI	<ul style="list-style-type: none"> • Units Preparation • Study of the concepts taught. 	1,5	7
	26	29/4	Práctica: Defensa Final de la Práctica		X	NO	<ul style="list-style-type: none"> • Final Project Defense 	1,5	
15	27	4/5	<u>Continuous Evaluation Exam 1.</u>	X		NO	<ul style="list-style-type: none"> • Continuous Evaluation Exam . Study 	1,5	7
	28	6/5	Práctica: Defensa Final de la Práctica		X	NO	<ul style="list-style-type: none"> • El grupo presentará la versión final de la práctica. 	1,5	
Subtotal 1								42	105
Horas presenciales y de trabajo del alumno en las semanas 1 -14								147	