



<b>COURSE: COMPLEX ANALYSIS</b>		
<b>DEGREE: BACHELOR IN APPLIED MATHEMATICS AND COMPUTING</b>	<b>YEAR: 2</b>	<b>TERM: 2</b>

WEEKLY PLANNING									
WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		Special room for session (computer classroom, audio-visual classroom...)	WEEKLY PROGRAMMING FOR STUDENT			
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)	
1	1	PRESENTATION OF THE COURSE COMPLEX NUMBERS AND OPERATIONS WITH THEM	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
	2	DISCUSSION ON EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS SUBJECT	1,66	
2	3	HOLOMORPHIC FUNCTIONS AND CAUCHY-RIEMANN EQUATIONS	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
	4			X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	

		DISCUSSION OF EXERCISES ON THIS SUBJECT							
3	5	TAYLOR SERIES AND RADIUS OF CONVERGENCE	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
3	6	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
4	7	TAYLOR SERIES AND RADIUS OF CONVERGENCE 2	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
4	8	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
5	9	ELEMENTARY FUNCTIONS	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
5	10	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
6	11	COMPLEX INTEGRATION	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
6	12	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
7	13	CAUCHY'S THEOREM TEST 1	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
7	14	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
8	15	CAUCHY INTEGRAL FORMULA	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS	1,66	6,5

							ON THIS SUBJECT		
8	16	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
9	17	APPLICATIONS OF CAUCHY INTEGRAL FORMULA	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
9	18	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
10	19	APPLICATIONS OF CAUCHY INTEGRAL FORMULA 2	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
10	20	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
11	21	LAURENT SERIES AND RESIDUES	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
11	22	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
12	23	THE RESIDUE THEOREM TEST 2	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
12	24	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
13	25	APPLICATIONS OF THE RESIDUE THEOREM: EVALUATION OF INTEGRALS AND SERIES	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
13	26	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	

14	27	CONFORMAL MAPS	X			NO	TO READ THE PART OF NOTES AND TEXTBOOKS ON THIS SUBJECT	1,66	6,5
14	28	DISCUSSION OF EXERCISES ON THIS SUBJECT		X		NO	TO SOLVE EXERCISES ON THIS CHAPTER	1,66	
	29	OVERVIEW	X			NO		1,66	

**Subtotal 1**    **48,33**    **91**

<b>Total 1 (Horas presenciales y de trabajo del alumno entre las semanas 1-14)</b>								<b>139,33</b>	
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15		TUTORIALS, HAND IN OF EXTRA CREDIT WORK	X			NO		2	6
16		PREPARATION FOR FINAL EXAM AND EVALUATION						3	6
17									
18									

**Subtotal 2**    **5**    **12**

<b>Total 2 (Horas presenciales y de trabajo del alumno entre las semanas 15-18)</b>								<b>17</b>	
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<b>TOTAL (Total 1 + Total 2)</b>								<b>156,33</b>	
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