







	Col		Syllabus		
OLLEGE PNRt	COURSE	DUILINE & S	CHEDULE:	C.	
	Week	Date	Topic	Source	
	1.	January 29	Word processing, and Spreadsheet software	Handout	
	2.	February 5	introduction: Numerical analysis in engineering, Taylor series	Chapter 1	
	3.	February 12	Matrices: Operations, Vectors, Determinants, Rank, Applications	Chapter 2	
	4.	February 19	Numerical methods: Introduction, Accuracy, Errors	Chapter 3	
	5.	February 26	Roots of Equations	Chapter 4	
	6.	March 5	Roots of Equations	Chapter 4	
			EXAM I	1	
	7.	March 12	Simultaneous Linear Equations	Chapter 5	
	8.	March 19-23	**** SPRING BREAK (NO CLASSES) ****	-	
	9.	March 26	Simultaneous Linear Equations	Chapter 5	
	10.	April 2	Interpolation	Chapter 6	
	11.	April 9	Interpolation	Chapter 6	
	12.	April 16	Differentiation	Chapter 7	
	13.	April 23	Integration	Chapter 7	
			EXAM II		
	14.	April 30	Differential Equations	Chapter 8	
	15.	May 7	Differential Equations	Chapter 8	
	16.	May 14	Differential Equations, Review	Chapter 8	
	17.	May 17	FINAL EXAM (Thursday, 8:00 am – 10:00 pm, EGR 3106)		
INTRODUCTION - Syllabus, Numerical Methods & Computational Tools					© Assakkaf Slide No. 4







































