Course Title	Calculus 1				
Course Code	CSM103				
Course Type	Compulsory				
Level	BSc/1st Cycle				
Year / Semester	1st /2nd				
Teacher's Name	Dimitris Galiatsatos				
ECTS	5	Lectures / week	3 hours	Laboratories / week	-
Course Purpose and Objectives	This lesson provides a good knowledge of the basic principles of mathematical calculus, which is a powerful mathematical tool in engineering and science.				
Learning Outcomes	Upon successful completion of the course, students will be able to: - Examine the convergence of sequences, rows and real numbers dynamics - Calculate infinite sum values - Fully study functions of a variable (real) - Calculate the Derivative of Derivative Functions - Determine tangential lines in flat curves described in various ways - Calculate integrals (generally and vaguely) - Calculate flatbed areas and flat curve lengths - Reach polynomial functions				
Prerequisites	-		Required	-	
Course Content	Functions of a variable. Sequences, Rows. Limit of function. Continue to function. Derivatization. Partitioning applications. Taylor Growth, Indefinite integral. Definite integral, Embedded applications.				
Teaching Methodology	Lectures 42 hours				
Bibliography	Weir, Hass, Giordano., THOMAS CALCULUS Pearson-Addison Wesley Antony Croft, Robert Davison, Martin Heagreaves, James Flinnt. Engineering Mathematics. A Foundation for Electronic, Electrical,				

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Assessment	Final Exam 100%
Language	English