Faculty of Computers & Information Technology

Mathematics 1

Information :

Course Code :	MTH 101	**Level**	:	Undergraduate	**Course Hours :** 3.00- Hours

Department :	Faculty of Computers & Information Technology

Instructor Information :

Title	Name	Office hours
Lecturer	Ahmed Lotfy Ibrahim Ibrahim El Bably	7
Lecturer	Ahmed Lotfy Ibrahim Ibrahim El Bably	7
Teaching Assistant	Ahmed Mohamed Abbas Mohamed Elkholy	
Teaching Assistant	Reyad Salah Eid Khalfallah	

Description :

calculus:concept of functions, limits,continuity,differentiation,rules of differentiation, chain rule, implicit differentiation, differentiation of parametric functions, transcendental functions and differentiation, trigonometric and inverse trigonometric functions, exponential and logarithmic functions, hyberbolic and inverse hyperbolic functions, indeterminate forms and L'hopital's rule,application of derivatives, taylor and maclaurin expansion, polynomial and series,extrema of a function, asymptote lines, curve sketching.

Books :

Book	Author	Publisher
Introductory Mathematical Analysis For Business, Economics And The Life And Social Sciences	Richard J. Wood, Richard	Pearson