Faculty of Computers and Information Technology

Mathematics 2

Information :

Course Code :	MTH 102	Level	:	Undergraduate	Course Hours :	3.00- Hours

Department :	Faculty of Computers and Information Technology

Instructor Information :

Title	Name	Office hours
Lecturer	Ahmed Lotfy Ibrahim Ibrahim El Bably	12
Teaching Assistant	Abdelaziz Mohsen Abdelaziz Mohamed	

Description :

calculus:Indefinite integrals, techniques of integration, integration by parts, trigonometric substitution, integration by partial fractions, quadratic expressions and substitutions, inetgration by reduction, applications of definite integral, area volume and arc length of parametric functions, surface area of solid revolution
Analytic geometry: lines and planes in space (vector equations), definitions and properties of conic sections, parabola, hyperbola and ellipse,translation and rotation of axes, quadratic surfaces (ellipsoid,hyperboloid, paraboloid)