KARACHI UNIVERSITY BUSINESS SCHOOL

UNIVERSITY OF KARACHI

Affiliated Colleges

MBA – I
Course Title   : Business Mathematics **Course Number**   : BA (M) – 531 **Credit Hours**   : 03

Recommended Books:

1. "Applied Mathematics for Business Economics & Social Sciences" by Frank. S. Budnick, McGraw Hill, 4th Edition
2. "Mathematics for Economists", by Yamane, Prentice Hall, 1998

COURSE CONTENTS

- Preliminaries
- Linear Equation & Its applications
- Mathematical Functions in General, types of functions Graphical representation of Functions
- Linear Function & Its Application
- Quadratic & Polynomial Functions, Application of Quadratic Functions
- Logarithmic & Exponential Functions & their Application
- Matrix Algebra, matrix Operations & Determinant
- Integral Calculus : An introduction
- Differentiation, Rules of Differentiation, Limits 7 properties of Limits, Higher Order Derivatives