

## 304 BUSINESS MATHEMATICS

- Preliminaries
- Linear Equations
- Systems of Linear Equations
- Linear Functions Applications
- Mathematical Functions
- Quadratic & Polynomial Functions
- Exponential & Logarithmic Functions
- Matrix Algebra
- Differentiation & Integration
- Mathematics of Finance
- Basic Algebra
- Linear Equations and Inequalities and Graphs
- Quadratic Equation and their Application
- Simultaneous Equations
- Progressions of Sequence, and Series and their application in Business
- Ratios, Proportions and Percentages

### Text Books:

1. Frank S. Budnick: Applied Mathematics for Business Economics and Social Sciences
2. Bowen: Mathematics with Applications in Management and Economics