

**Course Description**

**Mathematics of Business**

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| **Faculty of Business Administration** | | | **Department of Marketing and E-commerce** | |
| Course | **Business Mathematics** | | Prerequisite: | **-** |
| Credit Hours:3 | Theoretical:2 | Practical:2 | Course Code: | **CBFC107** |

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| **Description** |
| The first part of this course presents a general preview of pure mathematics, with a special focus on numerical and engineering progressions. Then, the course focuses on simple interest and its applications. he second part deals with compound interests (annual, semi-annual, seasonal, monthly and daily). It deals with future rate and current value rate in the case of compound interest, calculating current payment. It also focuses on studying loans and regular payments. The course illustrates such concepts with practical examples and applications.  Medium of instruction is English |
| **Content** |
| 1. Progressions 2. Simple Interest, Compound Interest, Current and Future Value 3. Regular Payments, Loans |
| **References** |
| 1. Text books:   Mike Rosser , “Basic Mathematics for  Economists”, Prentice Hall, Second Edition, 2003   1. The Mathematics of Finance, chapter 9 2. Electronic and research websites: |

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| **أ.د. محمود طيوب** |