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| **Course Name** | **Code** | **Semester** | **T+U** | **Credit** | **ECTS** |
| **Business Mathematics** |  | 3 | 3+0 | 3 | 3 |
| Prerequisite Courses |  |
| Language of the Course | Turkish |
| Type of Course | Compulsory |
| Course Coordinator |   |
| Instructor |  |
| Course Assistants |  |
| The aim of lesson | In this course; ratio, percentage calculations, purchase, cost, sales and profit calculations, the concept of proportional division and the calculation of profit and loss in companies, to learn to solve mixture and component problems. |
| Course Learning Outcomes | This lesson finally student ;1-Can make ratio-proportional calculations.2-Can make percent calculations.3-Can make purchase, cost, sales and profit calculations.4-Can solve mixture, composition and alloy problems.5-Can make interest and discount calculations. |
| Course Content | Ratio -proportion , percent calculations , profit and loss calculations , proportional divide calculations , mixture , composition calculations , interest calculations . |
| **Weeks** | **Topics** |
| one | Ratio-Proportion |
| 2 | Ratio-Proportion |
| 3 | Percentage Calculations |
| 4 | Percentage Calculations |
| 5 | Profit-Loss Calculations |
| 6 | Profit-Loss Calculations |
| 7 | Proportional Division Calculations |
| 8 | Proportional Division Calculations |
| 9 | Mixture, Composition Calculations |
| 10 | Mixture, Composition Calculations |
| 11th | Interest Calculations |
| 12 | Interest Calculations |
| 13 | Interest Calculations |
| 14 | An overview |

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| **General Competencies** |
| from students this main topics of the lesson their understanding and fields with in applications their use expected . |
| **resources** |
| Cetiner, E. (2007). *Commercial and financial mathematics* . Ankara, Gazi Publishing House.Kömürcü, C. (2009). *Business mathematics* . Özbaran-Offset.Küçük, Y. Üreyen, M. Orhan, Ö. Şenel, M. Özer, O. and Azcan, H. (2001), *General mathematics* . Eskişehir, Anadolu University Press. |
| **Evaluation System** |
| It is stated in the syllabus at the beginning of the semester. |

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| **WITH PROGRAM LEARNING OUTCOMES****COURSE LEARNING OUTCOMES RELATIONSHIP TABLE** |
|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** |
| **LO1** | - | one | - | - | - | one | - | 5 | - | one |
| **LO2** | - | one | - | - | - | one | - | 5 | - | one |
| **LO3** | - | one | - | - | - | one | - | 5 | - | one |
| **LO4** | - | one | - | - | - | one | - | 5 | - | one |
| **LO5** | - | one | - | - | - | one | - | 5 | - | one |
| **REVENGE: Learning Outputs OP: Program Outputs** |
| **Contribution****level** | **1 Very Low** | **2 Low** | **3 Medium** | **4 High** | **5 Very High** |

Relation of Program Outcomes and Related Course

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **lesson** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** |
| **Commercial Maths** | - | one | - | - | - | one | - | 5 | - | one |

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