



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Business Mathematics							
Course Code		LOJ152		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To understand and interpret mathematical statement of basic commercial activities.							
Course Content		Commercial mathematics, fractions, ratios and proportions, interests and discounts, profit calculations.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Problem Solving					
Name of Lecturer(s)		Ins. Ali BÜYÜKMERT							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Ticaret Matematiği Kitapları, Temel Matematik Kitapları, Finans Matematiği Kitapları
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Week	Weekly Detailed Course Contents	
1	Theoretical	Topics of percentage ang permillage
2	Theoretical	Topics of ratio and proportion, direct proportion, inverse proportion and compound proportion
3	Theoretical	Cost and sales calculations, calculating profit or loss upon cost ratios, calculating profit or loss upon sales ratios, calculating cost and sales prices.
4	Theoretical	Topic of interest and calculating simple interest
5	Theoretical	Simple interest and calculating simple interest
6	Theoretical	Simple interest and calculating simple interest
7	Theoretical	Topic of compound interest and its calculations
8	Theoretical	Topic of discount and calculating simple discount
9	Theoretical	Calculating compound discount
10	Theoretical	Topics of mixture and alloy, proportional division calculations
11	Theoretical	Amortization of debt
12	Theoretical	Amortization of debt
13	Theoretical	Case studies
14	Theoretical	Case studies

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	21	21
Reading	1	0	20	20
Midterm Examination	1	1	1	2
Final Examination	1	3	1	4
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Can make simple and compound interest calculations
2	Can make purchasing, cost, sales and profit calculations
3	Can make annuity calculations
4	To make mixture and interest calculations



5	Make discount calculations
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Programme Outcomes (Logistics)

1	Understanding of the basics needed for the mobility of production and consumption ware
2	Give storage and inventory management decisions
3	To decide about types of transportation and handling equipment to be used to decide
4	Logistics information systems take advantage of the process of realization of activities
5	Be the judge national and international legislation regulating the field of logistics
6	Administration, management and marketing topic about give an idea
7	To be sensitive to the requirements of professional ethics
8	Provide an idea about the the national and international transport policies
9	To have written and spoken communication skills
10	Living in society and to understand the world

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3
P1		4	
P2		5	
P6	3	3	3

