



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Business Mathematics							
Course Code		İDT124		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	3	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), Demonstration, 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	Commercial Mathematics Books, Basic Mathematics Books, Financial Mathematics Books
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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 compound interest and its calculations
9	Theoretical	Topic of discount and calculating simple discount
10	Theoretical	Calculating compound discount
11	Theoretical	Topics of mixture and alloy, proportional division calculations
12	Theoretical	Amortization of debt
13	Theoretical	Amortization of debt
14	Theoretical	Case studies

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Assignment	1	0	30	30
Reading	1	0	22	22
Midterm Examination	1	0	2	2
Final Examination	1	0	4	4
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*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 be able to calculate discount
5	Calculate Amortization

Programme Outcomes (Foreign Trade)

1	Economics, business law, labor and social security law, business, accounting, and describe the basic concepts of international trade
2	Of delivery and payment to foreign trade, foreign trade transactions and edit documents used
3	Mathematical operations to commercial
4	Grasp of the Turkish bank-exchange regulations, to prepare documents that are used in these processes, business correspondence, make
5	Turkey customs legislation to the foundation, to prepare the documents and customs procedures to follow
6	Turkey export import regulations, the basic concepts of logistics, know the rules of international transport and prepare the documents necessary, carry out e-commerce transactions
7	Foreign trade operations in computer and be able to use a foreign language, foreign trade transactions
8	Grasp and analyze methods of financing foreign trade, foreign trade transactions in free zones to
9	To international marketing strategies, recognizing the risks of international trade, international monetary and capital markets to analyze the relationships
10	Understand the importance of quality and standardization in foreign trade, foreign trade transactions and tax practices to insure
11	Account for foreign trade and foreign exchange transactions
12	Turkey's economy and economic crisis of the world economy and to understand the developments in the EU - Turkey relations to follow, to recognize the international economic and financial organizations
13	Win the adequacy of research, professional ethics, to grasp, to know the methods of commercial correspondence
14	Atatürk's principles and reforms
15	Accordance with the rules To know writing and speaking of the Turkish language, to know the types literary texts, and spoken expression

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

	L1	L2	L3
P3	5	5	5

