



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Commercial Mathematics							
Course Code		IYO108		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	73 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course aims to enable the student to make banking transactions and accounting records							
Course Content		To use the calculations of percentage and proportion, To calculate the ratio and proportion, To make the mixture, composition and alloy calculations, To calculate the cost and sales, To apply the interest calculations, To apply the discount calculations							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)		Ins. Halil TEKATLI							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Sidika PARLAK; Ticari Matematik, Ekin Yayınevi, Bursa, 2011
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Week	Weekly Detailed Course Contents	
1	Theoretical	To use the percentages and the accounts
	Preparation Work	Related chapters in the course book
2	Theoretical	Decimal , percentage calculations
	Preparation Work	Related chapters in the course book
3	Theoretical	Rate and ratio calculations
	Preparation Work	Related chapters in the course book
4	Theoretical	Rate and ratio calculations
	Preparation Work	Related chapters in the course book
5	Theoretical	Alloy and mixture calculations
	Preparation Work	Related chapters in the course book
6	Theoretical	Alloy and mixture calculations
	Preparation Work	Related chapters in the course book
7	Theoretical	Costs and sales calculations
	Preparation Work	Related chapters in the course book
8	Theoretical	Costs and sales calculations
	Preparation Work	Related chapters in the course book
9	Intermediate Exam	Midterm
10	Theoretical	Interest calculations
	Preparation Work	Related chapters in the course book
11	Theoretical	Interest calculations
	Preparation Work	Related chapters in the course book
12	Theoretical	Interest calculations
	Preparation Work	Related chapters in the course book
13	Theoretical	Discount calculations
	Preparation Work	Related chapters in the course book
14	Theoretical	Discount calculations
	Preparation Work	Related chapters in the course book
15	Final Exam	Final Exam



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	14	0.5	14.5
Final Examination	1	16	1	17
Total Workload (Hours)				73
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Can make commercial mathematics applications.
2	Can solve commercial mathematics problems.
3	Can reason the results of a quantitative decision.
4	Understands the concepts of mixture, composition, alloy.
5	Interest on the capital account can make two or more.

Programme Outcomes (Business Administration Management)

1	Use the economical information obtained in micro and macro scale, in their occupational lives.
2	Use information and communication technologies at the level required by their field.
3	Manage business finance, analyze business financial situation, and solve financial problems.
4	Gain management skill by managing and enhancing human resource effectively in accordance with business aims
5	Understand production and marketing functions as a whole, have proficiency in applying new production and marketing techniques.
6	Have proficiency in calculating cost, making entry, preparing and interpreting financial statements
7	Have proficiency in using business management function and applying and following new management techniques
8	Have proficiency for performing legal responsibilities of business, following and applying legislation
9	Have proficiency in following and applying vocational current and economic developments in national and international area.
10	Take responsibilities as a team member when dealing with issues and problems encountered in practice
11	Have the ability to use the computer and the required packaged software
12	Have the professional ethics in business life and business relations

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

	L1	L2	L3	L4	L5
P1	1	3	3	3	1
P2	2	1	3	3	2
P3	3	3	5	5	3
P4	1	1	1	1	1
P5	3	1	3	2	3
P6	3	5	5	3	3
P7	3	2	1	4	3
P8	1	1	1	5	1
P9	1	1	3	1	1
P10	1	1	1	2	1
P11	1	2	3	3	1
P12	1	1	1	4	1

