

### AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Commercial M	lathematics							
Course Code		IYO108		Couse 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 cal mixture, comp calculations, T	culations of position and al	ercentag loy calcu iscount d	ge ar ulatic calcu	nd proportic ons, To calc ilations	on, To calcula sulate the cos	te the ratio a t and sales, T	nd proportion, To i To apply the intere	make the st
Work Placement		N/A								
Planned Learning Activities and Teaching Methods		Explan	ation	(Presentat	ion)					
Name of Lectu	urer(s)	Ins. Halil TEK	ATLI							

#### **Assessment Methods and Criteria**

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

# **Recommended or Required Reading**

1 Sıdıka PARLAK; Ticari Matematik, Ekin Yayınevi, Bursa, 2011

Week	Weekly Detailed Cour	se 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	Total Workload					
Lecture - Theory	42					
Midterm Examination	14.5					
Final Examination	17					
	73					
	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 (Cooperatives)

1	Define the roblems at micro and macro levels in cooperatives area and gain the ability of solution
2	Gain the ability of applying accounting transactions in cooperatives and Gain the ability of get and comment of datas in cooperatives area
3	Gain the ability of executing establishment and functioning of cooperatives and top organizations independently
4	Gain the ability of create solidarity culture and communication so they can fulfill duties and responsibilities
5	Gain the abilitiy of applying the knowledges about economics, business, law and communication on cooperatives areas.
6	Gain the abilitiy of watching, global, internatinal and local cooperatives acts and improvements

## 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	3	3	4	4	4
P2	3	3	2	3	2
P3	2	2	4	4	5
P4	2	2	3	3	5
P5	3	3	4	5	4
P6	3	3	3	4	2

