AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Commercial Mathematics						
Course Code	BYP107		Couse Level		Short Cycle (Associate's Degree)		
ECTS Credit	4	Workload	101 *(Hours)*	Theory	2	Practice	1	Laboratory	0
Objectives of the Course	To be able to solve basic mathematical problems frequently encountered in business life and gain the habit of reasoning values in numerical decisions						
Course Content	Ratio and proportion, percentage accounts, cost and sales accounts, interest accounts, discount accounts.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Demonstration, Individual Study				
Name of Lecturer(s)	Ins. Gökçe KADERLİ						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Lecturer notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Percentage Accounts
2	Theoretical	Ratio and Proportion
3	Theoretical	Complex problem solving
4	Theoretical	Cost-Sales-Profit-Loss Problems
5	Theoretical	Interest calculations
6	Theoretical	Compound interest problems
7	Theoretical	An overview
8	Intermediate Exam	Midterm Exam
9	Theoretical	Discount accounts
10	Theoretical	Mixed sample solutions for interest and discount calculations
11	Theoretical	mixing problems
12	Theoretical	General review of mixture and alloy calculations
13	Theoretical	complex problems.
14	Theoretical	Mixed sample solutions
15	Final Exam	Final Examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Midterm Examination	1	7	1	8
Final Examination	1	8	1	9
			Total Workload (Hours)	101
			[Total Workload (Hours) / 25*] = **ECTS**	4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To have knowledge about percentage calculations and proportion and solve complex problems.

2	To have information about cost-sales-profit and loss and to solve mixed problems.
3	To be able to learn and apply interest discount calculations.
4	To have knowledge about alloy alloy problems and to solve related problems.
5	Deposit interest calculation.

Programme Outcomes *(Agricultural Management)*

1	To be able to use basic knowledge about agricultural, the struggle to preserve and marketing
2	To be able to use theoretical and practical knowledge gained in the basic fields of farm management
3	To be able to take duties and responsibilities at all levels of the agricultural business management
4	To be able to comprehend economic problems of agriculture, have the abilities of data collection, analysis, interpretation and project based solution production
5	Ability to predict and interpret the potential effects of national and international economical and political developments on Turkish agricultural sector
6	Having necessary skills for management and planning of agricultural and rural development projects
7	To be able to collaborate with stakeholders at producer and institutional levels to improve communication and education
8	To be able to use computer programs and technology to an adequate level required by business practices
9	To be able to comprehend knowledge of law that is necessary for farm management field and to be able to use this information
10	To be able to apply professional, moral values and sense of social responsibility
11	To be able to work independently in the major by communicating effectively through expressing ideas orally and written.

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	4	5	3	3	3
P2	4	5	3	3	3
P3	4	5	3	3	5
P4	2	4	3	3	5
P5	5	2	4	5	5
P6	5	2	5	4	5
P7	5	4	5	4	5
P8	3	5	5	5	2
P9	3	5	3	2	2
P10	3	5	2	2	5
P11	4	3	2	3	3