



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Business Mathematics							
Course Code		YBS111		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The aim of the this lesson is to inform the students about basic concepts of the maths , the importance of maths and analytical thinking.							
Course Content		Numbers and Sets Theory, Identity and Inequations, Functions, Trigonometric Functions, Limit and Continuity, Derivative Rules, The Definite Integral...							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study, Problem Solving					
Name of Lecturer(s)		Assoc. Prof. Algin OKURSOY, Assoc. Prof. Didem TEZSÜRÜCÜ COŞANSU, Lec. Zümre ÖZDEMİR GÜLER							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	İşletme, İktisat, Yaşam Bilimleri ve Sosyal Bilimler İçin Genel Matematik, Çeviri Edit. Prof. Dr. Arif SABUNCUOĞLU, Nobel Yayınları, Aralık, 2011.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Numbers and Sets Theory
2	Theoretical	Identity and Inequations
3	Theoretical	Functions
4	Theoretical	Trigonometric Functions
5	Theoretical	Complex Numbers
6	Theoretical	Limit and Continuity
7	Theoretical	Series
8	Theoretical	Derivative Rules
9	Intermediate Exam	Midterm Exam
10	Intermediate Exam	Midterm Exam
11	Theoretical	Derivative and Differential Applications
12	Theoretical	Methods of Integration
13	Theoretical	The Definite Integral
14	Theoretical	Matrices
15	Theoretical	Determinants
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	16	0	3	48
Assignment	1	0	5	5
Reading	10	0	3	30
Individual Work	10	0	4	40
Quiz	1	0	1	1
Midterm Examination	1	0	1	1
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Explains main of maths.
2	Understands to analitic thingking abilty.
3	Carries out equation and identicalness.
4	Explains the places of management implementation of derivative.
5	Gets the practice of integral of management problems.

Programme Outcomes (Economics)

1	It defines and evaluates the basic economic concepts, theories, and methods.
2	It offers a basic level of policy proposals towards current economic problems.
3	It analyzes in the context of economic and social events in a historical perspective.
4	It explains the role of economic actors (such as government, company, or household) in the economy.
5	It follows national and international economic indicators and developments and it uses economic knowledge and methods in different areas.
6	It provides methods, tools and techniques necessary for the modelling and analysis of economic data and evaluates outcomes accordingly.
7	It defines economic systems, decision-making, policies and problems and it provides feedback about them.
8	It benefits from other disciplines tht contribute to economic basis and holds a basic knowledge of these disciplines.
9	It explains and comments on economic growth, development and productivity problems on basic grounds.
10	It provides sufficient know-how in sub-branches such as public economics, industry, agriculture, environment and natural resources, labor, knowledge and ownership of the economy, international finance, money, in political economy and econometrics.
11	It defines and evaluates the concept of business on basic grounds.
12	It provides a sufficient level of legal know-howthat may be demanded from high skill labor in both public and private sectors.
13	It defines the role of innovation, creativity and technology in the dynamic global economy.
14	It shows skills that will be useful for future employment opportunities and the working environment.
15	It considers science as a rational individual with professional and ethical responsibility.

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

	L1	L2	L3	L4	L5
P6	3	4	3	4	3
P8	3	3	4	4	3

