



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 analytic thinking ability.
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 (Human Resources Management)

1	Having adequate scientific knowledge of Human Resources Management, basic business concepts and other social sciences
2	Thinking critically and analytically
3	Having knowledge of communication and information technologies
4	In-depth understanding of the research process and application of a range of research techniques into studies, researches and projects
5	In-depth understanding of usage of Human Resources Management and other social sciences theoretical and applied knowledge together.
6	Ability to interpret basic Business concepts from Human Resource Management perspective
7	Ability to implement basic HRM responsibilities in institutions such as HR Planning and staffing, labor relations, occupational healthy and safety, training planning, performance and rewards management, career planning, employment and interview techniques and legal HR issues
8	Implementing quality process approach into HRM process by considering institutional development, internal and external customer satisfaction; in case of need, having sense of responsibility making contribution for problem solving and continuous development and process excellence ability by problem identification, goal setting, reorganisation and change management skills
9	Management of resources and assets by considering budgetary, financial and legal issues; management of projects/operations with the ability of planning, implementation, and auditing; Having skills on management of self and other people
10	Enriching result oriented working approach with continuous learning approach
11	Strong oral and written communication skills and ability to present ideas and information effectively
12	Monitor and communicate with colleagues in a foreign language using at least the European Language Portfolio B1 General Level
13	Ability to work with people of various cultural and educational background by valuing team work, developing empathy and listening skills
14	Being conscious on social, academic and professional ethical values
15	Development of critical theoretical appreciation of 'how', 'why' and 'where' HRM contributes to and supports employee and societal development, and implementing these approach for applied and graduate projects and working life

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

	L1	L2	L4
P2		3	3
P3	4		
P4		3	4
P5	4		5
P6		5	
P7		5	5
P8	5		
P9		5	5
P10	5		
P11			5
P12		5	
P13			5
P14	5		
P15		5	

