



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Decision Making and Problem Solving							
Course Code		ÖGK219		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To examine the decision-making method and different decision-making methods							
Course Content		Definition and importance of decision-making, information characteristics and sources of decision-making process, elements of decision-making process, decision-makers and their features, features of decision-making process, decision-making methods, decision-making process, decision-making and problem solving methods							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Adair, John (2000) Decision Making and Problem Solving, (Translated by Nurdan Kalayci), Gazi Publications, Ankara.
2	mrek, M. Kemal (2003) Decision Making Techniques for Managers, Beta Printing Publishing, Istanbul.
3	Strategic Management in Business, Tahir akgemci, H. Kürşat Güleş

Week	Weekly Detailed Course Contents	
1	Theoretical	Importance of Decision Making
2	Theoretical	Qualifications and Information Sources of Knowledge in Decision Making Process
3	Theoretical	Elements of Decision Making
4	Theoretical	Decision makers and their qualifications
5	Theoretical	Characteristics of Decision Subject and Decision Types
6	Theoretical	Stages in Decision Making
7	Theoretical	Approaches in Decision Making
8	Theoretical	Decision Making and Problem Solving Methods
9	Intermediate Exam	Midterm
10	Theoretical	Karar Verme ve Problem Çözme Yöntemleri
11	Theoretical	Utility Theory
12	Theoretical	Utility Theory
13	Theoretical	Developing Options and Making Predictions in the Decision Making Process
14	Theoretical	Developing Options and Making Predictions in the Decision Making Process
15	Theoretical	Developing Options and Making Predictions in the Decision Making Process
16	Final Exam	Final Examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	9	1	10



Final Examination	1	11	1	12
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Comprehend the importance of decision making
2	Learn managerial decision making techniques
3	Learn the nature of information to be used in decision making
4	learn strategic decision making
5	Learn how to solve different problems

Programme Outcomes (Automotive Technology)

1	To be able to interpret and evaluate data, identify problems, analyze them, and develop evidence-based solutions by using basic knowledge and skills in the field.
2	Must be able to choose and effectively use the modern techniques, tools and information technologies necessary for field related applications.
3	Must be able to gain practical skills by examining relevant processes in industry and service sector on site.
4	They must be able to produce solutions, take responsibility for teams or do individual work when they encounter situations unforeseen in the field related applications.
5	Awareness of the need for lifelong learning; it must be able to follow the developments in science and technology and to constantly renew itself.
6	Must be able to use computer software and hardware at the basic level required by the field
7	Must have job security, worker health, environmental protection knowledge and quality awareness.
8	He must possess a level of foreign language knowledge that is capable of following the innovations in his area of expertise and communication techniques.
9	Must be able to acquire basic theoretical and practical knowledge about the field in mathematics, science and basic engineering.
10	It should have the ability to plan the processes / processes of the Automotive Program to meet the expectations of the sector.
11	To be able to design the systems and components related to the field by using technical drawing, computer aided drawing, designing using simulation programs and using various softwares, to be able to make basic sizing calculations, to be able to master professional plans and projects.

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

	L1	L2	L3	L4	L5
P5	1	1	1	1	1

