



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Comfort Systems							
Course Code		OTE255		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		In this course, it is aimed to make maintenance and repair of safety and comfort systems							
Course Content		Theoretical and practical knowledge and skills necessary for all kinds of central safety and comfort systems on the vehicle (control, maintenance and adjustment) are given.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Megep Lecture Notes
2	www.obitet.gazi.edu.tr

Week	Weekly Detailed Course Contents	
1	Theoretical	Central Locking Systems
2	Theoretical	Central Lock Motors
3	Theoretical	Airbags
4	Theoretical	Seat belts
5	Theoretical	Power Seats
6	Theoretical	Control Buttons
7	Theoretical	Heated Glasses
8	Theoretical	Tracking Distance System
9	Theoretical	Tracking Distance System
10	Theoretical	Automatic Door Glass Control Systems
11	Theoretical	Automatic Door Glass Control Systems
12	Theoretical	Display Systems
13	Theoretical	Display Systems
14	Theoretical	Fuel Cutting System
15	Theoretical	immobilizer

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	0	3	45
Lecture - Practice	15	0	1	15
Assignment	10	0	4	40
Individual Work	1	0	23	23
Midterm Examination	1	0	1	1
Final 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	Student will be able to perform maintenance and repair of safety and comfort systems.
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2	student will be able to do sunroof maintenance and repair
3	Students will be able to comprehend the logic of operation of intelligent headlight systems, maintenance and repairs.
4	Student will be able to comprehend the operation logic of automatic parking system, maintenance and repairs.
5	Students will be able to understand the operation logic of power steering system, maintenance and repairs.

Programme Outcomes (Automotive Technology)

1	Using the basic knowledge and skills acquired in his/her field of study, to have the ability to evaluate and interpret the data, to define and analyze the problems, to make solution suggestions based on evidence and proofs.
2	To choose and use efficiently contemporary techniques and means as well as information technologies required for the applications related to the field of study.
3	The ability to apply the processes related to industrial and service sector by examining.
4	To gain the ability to produce solutions to unforeseen situations, take responsibility in teams and to have the skill to conduct individual works.
5	To achieve an awareness of the necessity of lifelong learning and consistently self-improving besides of following the developments in science and technology.
6	To become skillful at using computer hardware and software in a baseline level required by the field of study.
7	To be aware of Business Law, Job Security, environmental protection and quality concepts.
8	To have a command of communication skills and foreign language in order to communicate efficiently and follow the latest developments in his/her field of study.
9	Acquiring enough conceptual and applied knowledge in Mathematics, Science and Basic Engineering issues related to his/her field.
10	To plan the processes in automotive technology field to meet the expectations of the sector.
11	To become skillful at making designs by means of technical and computer-aided drawings and simulation programs, and by using various software programs to be able to choose systems and components required in by the field apart from making the basic sizing computations and drawing the architectural and static projects and details.
12	Ability to use the methods and techniques of career planning and discussing the effects of character traits on career preferences.
13	To provide them with knowledge about substance use and addiction problem and prevention methods.

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

