AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Innroduction to Automotive İnformation								
Course Code	OTT182		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	In this lesson the student is aimed to have basic knowledge about the automotive sector by transferring the theoretical knowledge of the student, the working principle of all the evenings on the motor vehicle, the preliminary order of the car, the tire, the power transmission system and other auxiliary equipment in general.								
Course Content	Engine Terminals, Two and Four Timed Motor Cycles, Otto Cycles, Diesel Cycles, Measuring and Control in Engines, Valves, Cover and Roller Cover, Valve Mechanisms, Piston Actuator Mechanics, Segments, Crankshaft and Camshafts, Engine Blocks, Lubrication System, Cooling System, Fuel System, Motion Control Systems, Power Transmission Organs, Automobile Manufacturing Technology, Vehicle Purchase Considerations								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
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 Motor Technology 1
2	Megep Motor Technology 2
3	Megep Motor Technology 3
4	Megep Motor Technology 4

Week	Weekly Detailed Course Contents	
1	Theoretical	Engine terms
2	Theoretical	Two and Four Stroke Motor Cycles, Otto Cycle, Diesel Cycle of
3	Theoretical	Valves, Senter and Cylinder Head, valve mechanisms, piston connecting rod mechanism, Piston Rings, crankshaft and camshafts
4	Theoretical	Time Setting Mechanism, Variable Valve Timing
5	Theoretical	Lubricating System, Cooling System
6	Theoretical	Fuel System
7	Theoretical	Motion Control Systems
8	Theoretical	Motion Control Systems
9	Intermediate Exam	Midterm
10	Theoretical	Tire Selection and Care
11	Theoretical	Automobile Manufacturing Technology
12	Theoretical	Automobile Manufacturing Technology
13	Theoretical	New Developments in Automotive
14	Theoretical	Car Buying tips What to pay attention
15	Theoretical	Car Buying tips What to pay attention
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	10	0	1	10
Midterm Examination	1	5	1	6

Final Examination	1	5	1	6
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	They will learn motor cycles, diesel and otto cycles theoretically.
2	They will know the parts of a motor and what it does.
3	The motorda will theoretically acquire the characteristics of auxiliary equipment and motion control systems.
4	They will know what to watch out for when buying a car.
5	Students will have knowledge about automobile manufacturing technologies.

Programme Outcomes *(Office Mangement and Executive Assistantship)*	
1	The ability of using information and communication tools and the other vocational tools and techniques.
2	The ability of planning and applying vocational process.
3	The ability of communicating in foreign language.
4	The ability of vocational self-confidence.
5	The ability of enteprenurism.
6	The ability of using theorical field information at the practice.
7	The ability of managing a process that provides the needs.
8	The ability of working in groups including interdisciplinary.
9	The ability of defining problems and solving them in vocational practice.
10	The awareness of vocational ethic and responsibility.
11	The awareness of necessity of life-long learning and the ability to make come true this.
12	The ability of having information about sectoral problems.
13	The ability of understanding vocational legal regulation and applying.
14	The ability of having an effective communication.
15	Social, cultural and social responsibilities of the grip, and the ability to apply to adopt.

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	4	4	4	4	4