



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Professional Image							
Course Code		OTE105		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		This course is aimed able to do on the car engine parts and assembly drawings of the elements.							
Course Content		Straight, vertical and Angles, Methods of projection, Section dimensioning, perspective Properties Types of perspective, the two-dimensional images as a Perspective Drawing, perspective Importance of cross-section, Section Views in concept, the machine Fragments Semi- Section Concept, importance of standardization, Various Standard Machine Elements, Elements, Elements, removable Elements, illustration Display and Measurement of shafts, Fixed Joints, Gears, springs, cams, pulleys, bearings, Practice and Tolerance, Surface Processing Signs, Installation Pictures.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Lec. Erman AYDIN							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Teknik Resim
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Week	Weekly Detailed Course Contents	
1	Theoretical	Straight, Vertical and Angles
2	Theoretical	Methods of projection
4	Theoretical	Dimensioning
5	Theoretical	Features perspective, the perspective Types, Two-dimensional images as a Perspective Drawing
6	Theoretical	Importance of cross-sectional perspectives, Views in Section Concept, machine parts December Cross Concept, importance of standardization
7	Theoretical	Various Standard Machine Elements, Elements
8	Theoretical	Removable Elements
9	Theoretical	Display and Measurement of shafts in the picture
10	Theoretical	fixed Joints
11	Theoretical	Gears, Elements
12	Theoretical	Bows
13	Theoretical	Cams
14	Theoretical	pulleys
15	Theoretical	Pulleys

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	0	2	30
Lecture - Practice	15	0	2	30
Project	5	0	1	5
Individual Work	1	0	6	6
Midterm Examination	1	0	2	2
Final Examination	1	0	2	2
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	Draw pictures of engine parts and assembly components.
2	Draw the shapes of engine parts .
3	Drawing of standard machine parts (Bolt, wedge, pim and perno)
4	Section view, half and full view samples
5	Developments, intersection models, sample application

**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		1	1	1	1
P4	4	3	3	3	3
P5	1	1	1	1	1
P6	2	2	2	2	2
P11	5	5	5	5	5

