



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Technical Drawing							
Course Code		OTT105		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	5	Workload	125 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Bu derste araç üzerindeki motor parçalarının ve birleştirme elemanlarının çizimlerini yapabilmesi amaçlanmaktadır							
Course Content		Perspective, Types of Perspectives, Drawing of Two Dimensional Drawings as a Perspective, Intermediate Cross Section in Perspectives, Concept of Cross Section in View, Concept of Cross Section in Machine Parts, The Importance of Standardization, Various Standard Machine Elements, Assembling Elements, Coupling Elements, Assemblable Coupling Elements, Displaying and Measuring Miller in Picture, Fixed Couplings, Gear Wheels, Springs, Cams, Pulleys, Bearings, Exercises and Tolerances, Surface Processing Signs, Mounting Pictures.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Ins. Mehmet TEMEL							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Technical Drawing
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Week	Weekly Detailed Course Contents	
1	Theoretical	Right, Sewing and Angles
2	Theoretical	Track Down Methods
4	Theoretical	Dimensioning
5	Theoretical	Perspective Features, Perspective Variety, Perspective Drawing of Two Dimensional Paintings
6	Theoretical	The Concept of a Cross Section in Perspectives, The Concept of a Cross Section in Appearances, The Concept of a Cross Section in Machine Parts, The Importance of Standardization
7	Theoretical	Various Standard Machine Elements, Coupling Elements
8	Theoretical	Sealable Coupling Elements Displaying and Measuring Millerin Painting Fixed Combinations
9	Intermediate Exam	Midterm
10	Theoretical	Gear Wheels, Coupling Elements
11	Theoretical	Springs
12	Theoretical	cams pulleys Beds
13	Theoretical	Exercise and Tolerance
14	Theoretical	Surface Treatment Signs
15	Theoretical	Mounting Pictures
16	Final Exam	

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Assignment	2	2	3	10
Studio Work	2	2	2	8
Reading	3	1	1	6
Midterm Examination	1	5	1	6



Final Examination	1	10	1	11
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Draw pictures of motor parts and coupling elements.
2	Engine parts drawings will be able to.
3	Draw drawings of standard automotive parts
4	To be able to read the technical drawing of the drawn automotive parts,
5	Drawing and disassembling the automotive parts

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
P1	5	5	4	5	4
P2	4	4	4	4	3
P3				4	3
P4	4	4	3	4	3
P5	3	3	3	4	4
P6	2	2	3	4	4
P7	1	1	2	3	4
P8				3	4
P9	4	4	3	4	5
P10	2	2	3	4	4
P11	5	5	4	4	3

