



AYDIN ADNAN MENDERES UNIVERSITY
AYDIN VOCATIONAL SCHOOL
MECHANICAL AND METAL TECHNOLOGY
MACHINERY
COURSE INFORMATION FORM

Course Title	Information And Communication Technology								
Course Code	BPR182			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	this course is designed to teach students basic concepts about information systems.								
Course Content	Internet and web browsers, managing e-mails, newsgroups and forums, web-based learning, Designing personal web sites, e-commerce, Preparing CV in word processor programme, Internet and career, Preparing for a business meeting, Electronic tables, Formulas and functions, Graphics, Preparing presentations, preparing flyers								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving								
Name of Lecturer(s)	Ins. Gizem GÜREL DÖNÜK, Ins. Mehmet Can HANAYLI, Ins. Taner KARATAŞ								

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	70

Recommended or Required Reading

1	Bilgisayar ve İnternet Kullanımı -Dr. Hasan Çebi BAL
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Week	Weekly Detailed Course Contents	
1	Theoretical	Internet and web browser
2	Theoretical	managing e-mails
3	Theoretical	.Newsgroups and forums
4	Theoretical	Web-based learning
5	Theoretical	Designing personal web sites
6	Theoretical	E-commerce
7	Theoretical	Preparing CV in word processor programme
8	Theoretical	Midterm exam
9	Theoretical	Getting ready for business meetings
10	Theoretical	Internet and career
11	Theoretical	Electronic tables
12	Theoretical	Graphics
13	Theoretical	Formulas and functions
14	Theoretical	Preparing presentations
15	Theoretical	Preparing flyers
16	Theoretical	.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	10	0	3	30
Reading	10	0	3	30
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Students can use different functions of word processors, electronic tables and presentation softwares.
2	Recognize computer and hardware.
3	Uses the operating system effectively.
4	Uses the Internet and its applications effectively.
5	Prepares functional presentations by using the presentation programme.
6	Recognize informatics security policies.
7	Identify basic information technology problems that arise in working life and provide constructive and analytical suggestions at basic level.

Programme Outcomes (Machinery)

1	To be able to know general properties and usage areas of industrial materials and make selection.
2	Design of machine elements.
3	To be able to make production using machining and welding machines without machining.
4	To be able to make measurement and quality control processes with machine tools for measuring and control equipment.
5	To be able to make necessary corrections in order to determine the mistakes by using the necessary non-destructive test methods in welded parts and to eliminate these mistakes.
6	Preventive measures to prevent the occurrence of these faults by preliminarily determining the faults that will occur in the machines as statistical data and to make necessary interventions in case of breakdown.
7	They can make drawings of work pieces on CAD station and apply them on CNC looms. Ability to operate and use CAD / CAM and AUTOCAD package programs.
8	To be able to transfer engineering science and technology to practice by making calculations in the direction of scientific principles.
9	It can repair the elements in pneumatic and hydraulic systems which are indispensable elements of automatic control systems and can regulate their work.
10	The student who is trained as a machine technician during the whole program knows that industrial task definition in the field of work is error finding, problem solving, decision making, planning of functions and activities and they can be achieved by aiming to acquire these characteristics.

