



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Mobile Cominacation Equipments							
Course Code		ETO186		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 course, it is aimed to gain basic competencies for the use of mobile phones, smart phones, navigation devices, satellite phones and similar mobile communication devices.							
Course Content		Mobile and communication concepts, Wireless networks, Mobile phones, Smartphones, Navigation devices, Satellite phones, Wireless home phones.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration, Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Ins. Ebubekir AKKUŞ							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Course notes
2	Mobil & Wap Communication Technologies, Ömer ERTEKİN, Hayat Publications, ISBN: 9789756700051.
3	Structure of Mobile Communication Technologies and Encryption Algorithms Used, Fatma AKGÜN, Pegem Publications, ISBN: 9786257052948.

Week	Weekly Detailed Course Contents	
1	Theoretical	Mobile, Communication and Mobile Communication Concepts
2	Theoretical	Wireless Networks and Genres
3	Theoretical	Mobile phones
4	Theoretical	Mobile phones
5	Theoretical	Smart phones
6	Theoretical	Smart phones
7	Theoretical	Smart phones
8	Theoretical	Smart phones
9	Theoretical	Midterm
10	Theoretical	Smart phones
11	Theoretical	Smart phones
12	Theoretical	Navigation Devices
13	Theoretical	Navigation Devices
14	Theoretical	Satellite Phones
15	Theoretical	Satellite Phones
16	Final Exam	Semester final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	0	2	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	Understanding mobile and communication concepts
2	Understand the concept and types of wireless networks
3	To use mobile phones
4	Be able to use smartphones
5	To use navigation devices
6	Be able to use satellite phones
7	Using wireless home phones

**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 loms. 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.

**Contribution of Learning Outcomes to Programme Outcomes** 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5	L6	L7
P10	1	1	1	1	1	1	1

