



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Building Electrical Installation							
Course Code		ELT183		Couese Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of this lesson is to gain knowledge and skills to apply low current, lighting and high current installation circuits.							
Course Content		1. Conductors and Insulators 2. Cable installing materials 3. Low current materials 4. Electric circuit and types 5. Low current system application circuits 6. Lighting and power outlet circuit elements 7. Making high current installations 8. To make heat shrink termination fitting 9. Attracting underground power cable							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Project Based Study					
Name of Lecturer(s)		Lec. Taner AKBAŞ							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Aydınlatma Tekniği - Prof.Dr.Muzaffer ÖZKAYA.
2	Elektrik Şebeke ve Tesisleri, Mahmut NACAR.

Week	Weekly Detailed Course Contents	
1	Theoretical	Conductors and Insulators
2	Theoretical	Cable Installing Materials
3	Theoretical	Low Current Materials
4	Theoretical	Electric Circuit and Types
5	Theoretical	Low Current System Application Circuits
6	Theoretical	Low Current System Application Circuits
7	Theoretical	Lighting and Power Outlet Circuit Elements
8	Theoretical	Lighting and Power Outlet Circuit Elements
9	Intermediate Exam	Midterm Examination
10	Theoretical	Lighting and Power Outlet Circuit Elements
11	Theoretical	Making High Current Installations
12	Theoretical	Making High Current Installations
13	Theoretical	Making High Current Installations
14	Theoretical	To Make Heat Shrink Termination Fitting



15	Theoretical	Attracting Underground Power Cable
16	Final Exam	Final Examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	10	0	2	20
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Select low current installation materials
2	Apply low current circuits
3	Select lighting installation materials
4	Apply lighting installation circuits
5	Select high current installation materials and apply circuits

Programme Outcomes (Accounting and Tax Practices)

1	Being an individual who is respectful to his own values, fits ethical rules, investigates and examines environment, events, and takes lessons.
2	To have theoretical knowledge and to manage the process which will contribute to the solution of the various problems that may arise during the professional activity and to obtain the expected practical results in practice.
3	To have theoretical knowledge supported by textbooks with current information, application tools and other resources, and to be able to discuss using any kind of information related to this field.
4	Be able to apply and evaluate all the techniques that the accounting profession should have.
5	Ability to plan, implement and evaluate all activities (such as financial statements and financial statements, keeping accounts in a computer environment, etc.) performed in the business and finance world, accounting bureaus and tax-related institutions.
6	In the sector or institutions that it supports during its activities; to be able to interpret and evaluate data using the knowledge and skills gained in the field, to be able to recognize and analyze problems, and to be able to develop evidence-based solutions.
7	Ability to gain personality traits showing planning and decision making skills.
8	To be able to comprehend the importance of the developments of the business and financial world and the knowledge that they have in this direction, to be able to develop the concepts of creativity and creative thinking, to be able to realize the effects of professional activities in the applied fields.
9	To be able to evaluate and interpret the knowledge and skills gained in the professional field.
10	Be able to develop personality traits that develop environmental awareness, respect for differences, and adapt to different situations and social roles.
11	To be able to use communication techniques properly while maintaining human relations.
12	To be able to use information and communication technologies together with the computer software required by the professional field
13	To be able to inform related persons and institutions about the issues related to the field during the professional work, to be able to transmit suggestions of solutions to problems and problems in writing and orally.
14	To have sufficient consciousness about the universality of social rights, social justice, protection of quality culture and cultural values and environmental protection, occupational health and safety issues.

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

	L1
P14	3

