



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Planning Contracts and Exploration							
Course Code		ELE262		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	6	Workload	154 ( <i>Hours</i> )	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		To be able to comprehend the works of electrical installation. To be able to discover an electrical installation. To understand the importance of planning in a installation business.							
Course Content		Building, underground cable facilities, overhead line facilities, pre-work planning of assembly / disassembly works, assimilation of legislation based activities							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Regulations, specifications and sample projects.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Planning works
2	Theoretical	Planning works
3	Theoretical	Planning works
4	Theoretical	Exploration works
5	Theoretical	Exploration works
6	Theoretical	Contracting
7	Theoretical	Contracting
8	Theoretical	Metering works
9	Theoretical	Metering works
10	Practice	Terms and Conditions
11	Practice	Terms and Conditions
12	Theoretical	Terms and Conditions
13	Practice	Payments
14	Practice	Payments

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	3	56
Lecture - Practice	14	2	2	56
Project	5	2	2	20
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				154
[Total Workload (Hours) / 25*] = ECTS				6

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To understand the organization of an electrical contracting company and the responsibilities of a contract
2	To be able to comprehend the methods used for the discovery of equipment, materials and labor in preparation of tenders.



3	He can do some work.
4	Can do progress payments.
5	Can do project contracting works.

**Programme Outcomes (Electrics)**

1	ABILITY TO MAKE APPLICATIONS OF MEASUREMENT AND CALCULATION
2	ABILITY TO MAKE CONNECTIONS OF A DC CIRCUIT
3	ABILITY TO MAKE BASIC ELECTRONIC CIRCUIT AND APPLICATIONS
4	ABILITY TO MAKE ELECTRIC INSTALLMENT APPLICATIONS
5	ADAPTING VOCATIONAL ETHICAL VALUES
6	ABILITY TO MAKE COMMUNICATION
7	ABILITY TO MAKE CONNECTIONS OF AC CIRCUIT
8	ABILITY TO MAKE NUMERICAL CIRCUITS
9	ABILITY TO MAKE INSTALLATIONS OF TRANSFORMER AND DC ELECTRIC MACHINES
10	ABILITY TO MAKE COMPUTER AIDED DESIGN
11	ABILITY TO APPLY VOCATIONAL TECHNICAL METHODS
12	ABILITY TO MAKE INSTALLATIONS OF AC ELECTRIC MACHINES
13	ABILITY TO MAKE SPECIAL ELECTRIC INSTALLMENTS
14	ABILITY TO MAKE INSTALLMENTS OF COMMAND SYSTEMS
15	ABILITY TO DRAW COMPUTER AIDED ELECTRIC SCHEME
16	ABILITY TO MAKE POWER ELECTRONICS CIRCUITS
17	ABILITY TO MAKE SYSTEM ANALYSIS AND PRODUCT DESIGN
18	ABILITY TO IMPROVE ONESELF UTILIZING INFORMATION OPPORTUNITIES
19	ABILITY TO DRAW COMPUTER AIDED ELECTRIC INSTALLMENT PROJECT
20	ABILITY TO MAKE ANALYSIS AND MAINTENANCE OF ELECTRICAL ENERGY PRODUCTION SYSTEMS
21	ABILITY TO MAKE THE WINDING OF ACCURATE AND ALTERNATIVE CURRENT ENGINES
22	ABILITY TO RECOGNIZE SYSTEMS USED IN ELECTRICAL ENERGY TRANSMISSION AND DISTRIBUTION AND TROUBLESHOOTING
23	Ability to use the methods and techniques of career planning and discussing the effects of character traits on career preferences.
24	Ability to plan a career in their own profession.
25	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	3	3	3	3	2
P4	4	4	4	4	4
P5	5	5	5	5	5
P11	4	4	4	3	3
P17	3	3	2	3	5

