

# ELECTRICAL POWER STATIONS

1	Course Title:	ELECTRICAL POWER STATIONS	
2	Course Code:	ELES219	
3	Type of Course:	Optional	
4	Level of Course:	Short Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr.Gör. MEHMET ŞEN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	mehmetsen@uludag.edu.tr U.Ü. Teknik Bilimler Meslek Yüksek Okulu Elektrik Programı- Görükle Kampüsü	
17	Website:		
18	Objective of the Course:	To know the methods of obtaining electrical energy,Kinds of the electrical power plants,To learn working principles and operating specifications....	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	
		2	
		3	
		4	
		5	
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	To know the methods of obtaining electrical energy		
2	To know the operation of thermal power plants		
3	To know the operation of thermal power plants		

<b>4</b>	To know the operation of hydroelectric power plants	
<b>5</b>	To know the functioning of renewable energy power plants	
<b>6</b>	To know of the failures in power stations, select and assemble to make the protection relays	
<b>7</b>	Parafudur, insurance assembling	
<b>8</b>	Power Line Carrier assembling	
<b>9</b>	Repeating courses and midterm exam	
<b>10</b>		
<b>11</b>		
<b>12</b>		
<b>13</b>		
<b>14</b>		

22	Textbooks, References and/or Other Materials:	Elektri Enerjisi Üretimi İletimi ve Dağıtımı
----	---	--

23	Assesment
----	-----------

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	2	40.00
Quiz	0	0.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Contribution of Term (Year) Learning Activities to	40.00		
Practicals/Labs	0	0.00	0.00
Self study and preparation			
Contribution of Final Exam to Success Grade	60.00	0.00	0.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Measurement and Evaluation Techniques Used in the			
Field Studies	0	0.00	0.00
<b>24 ECTS / WORK LOAD TABLE</b>			
Midterm Exams	2	20.00	40.00
Others	0	0.00	0.00
Final Exams	1	22.00	22.00
Total Work Load			90.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	3	3	0	3	3	4	3	4	3	3	4	0	0	0	0
ÖK2	3	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
ÖK3	4	4	3	4	0	0	0	0	0	0	3	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																

<b>Contribution Level:</b>	<b>1 very low</b>	<b>2 low</b>	<b>3 Medium</b>	<b>4 High</b>	<b>5 Very High</b>
----------------------------	-------------------	--------------	-----------------	---------------	--------------------