

Vocational School of Technical Sciences
Electricity - Periodic
Associate Degree - Electricity-Associate Degree-2014

Grand total **Number of 35** **T : 73** **A : 27** **Credit: 122** **ECTS : 122** **T+A :**
Lessons :

1 semester						
No	Lesson code	Course name	T	A	Credit	ECTS
1	EKY1001	Electrical Circuits and Lab I	3	1	5	5
2	EKY1003	Electricity and Magnetism	3	1	4	4
3	EKY-S1-2	Elective Course - 1 (Course 1) [This course will be taken from the EKY-S1-2 course group, see below]	2	2	5	5
4	EKY-S1-2	Elective Course - 1 (Lesson 2) [This course will be taken from the EKY-S1-2 course group, see below]	2	2	5	5
5	ISL1085	Entrepreneurship and Business Management	2	0	3	3
6	MAT1067	Mathematics I	3	0	4	4
7	TRD121	Turkish Language I	2	0	2	2
8	YDZ1121	English I	2	0	2	2
Total			19	6	30	30

2 semester						
No	Lesson code	Course name	T	A	Credit	
1	EKY1002	Electrical Circuits and Lab II	3	1	5	
2	EKY1004	Lighting Technique	2	1	3	
3	EKY1008	Electrical Installation Technique	2	0	4	
4	EKY1010	Electric Machines I	2	2	5	
5	ELY1016	Basic Power Electronics	3	2	5	
6	MAT1068	Mathematics II	3	0	4	
7	TRD122	Turkish Language II	2	0	2	
8	YDZ1122	English II	2	0	2	
Total			19	6	30	

3 semester						
No	Lesson code	Course name	T	A	Credit	ECTS
1	ATA121	Ataturk's Principles and History of Turkish Revolution I	2	0	2	2
2	EKY2000	Internship Practice	0	0	2	2
3	EKY2001	Industrial Automation and Applications	2	1	4	4
4	EKY2003	Energy Transmission	2	0	3	3
5	EKY2005	Power Systems and Energy Quality	2	1	4	4
6	EKY2007	High Voltage Field Tests	2	0	3	3
7	EKY2009	Professional Computer Use	2	1	4	4
8	EKY2011	Electric Machines II	2	2	5	5
9	EKY-S3	Elective Course - 3 (Lesson 1) [This course will be taken from EKY-S3 course group, see below]	2	2	4	4
10	THU100	Community Service Practices	0	2	1	1
Total			16	9	32	32

4 semester						
No	Lesson code	Course name	T	A	Credit	
1	ATA122	Ataturk's Principles and History of Turkish Revolution II	2	0	2	
2	EKY2002	Electrical Plants	3	0	3	
3	EKY2004	Energy Systems Technologies	3	0	4	
4	EKY2008	Electrical Internal Facilities Projects	2	2	4	
5	EKY2010	Security and Protection in Electrical Facilities	3	0	3	
6	EKY2012	Electric Machines III	2	1	4	
7	EKY2022	Graduation project	0	2	3	
8	EKY-S4	Elective Course - 4 (Lesson 1) [This course will be taken from EKY-S4, see below]	2	1	4	
9	TBMYO-US	University Elective Course (Course 1) [This course will be taken from the TBMYO-US course group, see below]	2	0	3	
Total			19	6	30	

EKY-S1-2						
No	Lesson code	Course name	T	A	Credit	ECTS
1	EKY1021	Measuring Technique	2	2	5	5
2	EKY1023	Winding Technique	2	2	5	5
3	EKY1025	Introduction to Installation	2	2	5	5
4	ELY1021	Analog Electronics	2	2	5	5

EKY-S3						
No	Lesson code	Course name	T	A	Credit	
1	EKY2021	Panel Design and Installation	2	2	4	
2	EKY2025	Intelligent Building Single and Application	2	2	4	
3	ELY2023	Fundamentals of Digital Electronics	2	2	4	

EKY-S4						
No	Lesson code	Course name	T	A	Credit	ECTS
1	EKY2024	Control of Electrical Machines	2	1	4	4

TBMYO-US						
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1	BBY2084	Information security	2	0	3	
2	BLY1000	Programming language	2	0	3	

2	EKY2028	Numerical Analysis	2	1	4	4
3	ELY2026	Microcontrollers and Applications	2	1	4	4

3	ELY2050	Practical Electronic Circuits	2	0	3
4	IK2002	Career Development	2	0	3
5	ISL2016	Quality Control and Standards	2	0	3
6	ISL2082	Project management	2	0	3
7	KSS2002	Photography	2	0	3
8	KSS2003	Environmental Protection	2	0	3
9	KSS2010	City Aquariums	2	0	3
10	KSS2012	City and Culture: Istanbul	2	0	3
11	KSS2020	Traffic Safety	2	0	3
12	MDY2029	Fashion Photography	2	0	3
13	OZE100	Sign language	2	0	5
14	RTS2082	Multimedia	2	0	3
15	SGL2055	First aid	2	0	3
16	TBY1001	Research Methods and Techniques	2	0	3
17	TBY1010	Professional Ethics	2	0	3

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