

ALİAĞA VOCATIONAL SCHOOL
ELECTRICAL PROGRAM 2015-2016 ACADEMIC YEAR TRAINING PLAN

Lesson code	Course title	Semester	Hours/Week				Credits	ECTS Credits	Type of Course
		Annual	Theoretical	Practise	Practise/Lab.	Total			
Year 1 / Semester 1									
101	TURKISH LANGUAGE - I	S	2	0		2	2	2	Compulsory
102	PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY I	S	2	0		2	2	2	Compulsory
103	FOREIGN LANGUAGE - I	S	4	0		4	4	4	Compulsory
105	MEASURING TECHNIQUE	S	3	0		3	3	4	Compulsory
107	MATHEMATICS- I	S	3	0		3	3	3	Compulsory
109	DIRECT CURRENT CIRCUITS	S	3	1		4	4	4	Compulsory
111	BASIC ELECTRONIC	S	3	0		3	3	4	Compulsory
113	INFORMATION AND COMMUNICATION TECHNOLOGY	S	2	0		2	2	2	Optional
115	SAFETY WORKING	S	2	0		2	2	2	Optional
117	TRAINING	A					0	3	Training
119	SIGN LANGUAGE	S	2	0		2	2	2	Optional
TOTAL			26	1	0	27	27	30	
3 ELECTIVE COURSES 2 ELECTIVES (TOTAL 4 ECTS)									
Year 1 / Semester 2									
92	TURKISH LANGUAGE II	S	2	0		2	2	2	Compulsory
94	PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY II	S	2	0		2	2	2	Compulsory
96	FOREING LANGUAGE II	S	4	0		4	4	4	Compulsory
104	MATHEMATICS II	S	3	0		3	3	3	Compulsory
106	ALTERNATIVE CURRENT TRANSACTIONS	S	3	1		4	4	4	Compulsory
108	PROFESSIONAL ETHICS	S	2	0		2	2	2	Optional
110	TRANSFORMER AND RIGHT CURRENT TRANSACTIONS	S	3	1		4	4	4	Compulsory
112	FAILURE ANALYSIS	S	2	0		2	2	2	Compulsory
114	INSTALLATION INTRODUCTION	S	3	0		3	3	4	Compulsory
117	TRAINING	A					0	3	Training
116	ENTREPRENEURSHIP	S	2	0		2	2	2	Optional
118	QUALITY ASSURANCE STANDARDS	S	2	0		2	2	2	Optional
TOTAL			28	2	0	30	30	30	
3 ELECTIVE COURSES 1 ELECTIVE									
Year 2 / Semester 1									
201	DIGITAL ELEKTRONICS	S	3	0		3	3	4	Compulsory
203	POWER ELECTRONIC I	S	3	0		3	3	4	Compulsory
205	ASYNCHRONOUS AND SYNCHRONOUS MACHINES	S	3	1		4	4	4	Compulsory
207	COMPUTER AIDED DRAFTING I	S	3	0		3	3	3	Compulsory
209	ELECTRIC POWER PLANTS	S	2	0		2	2	2	Compulsory
211	ELECTROMECHANICAL CONTROL SYSTEMS	S	2	1		3	3	4	Compulsory
213	SENSORS AND TRANSDUCERS	S	3	0		3	3	3	Compulsory
215	CONTRACT-RECONNAISSANCE-PLANING	S	3	0		3	3	3	Optional
217	VOCATIONAL TECHNICAL METHODS	S	2	1		3	3	3	Optional
219	COMPUTER HARDWARE	S	2	0		2	2	3	Optional
TOTAL			26	3	0	29	29	30	
3 ELECTIVE DEPARTMENTS 2 ELECTIVE COURSES (TOTAL 6 ECTS)									
Year 2 / Semester 2									
202	POWER ELECTRONIC II	S	2	0		2	2	2	Compulsory
204	CUSTOM DESIGNED MOTORS	S	3	0		3	3	3	Compulsory
206	COMPUTER AIDED DRAFTING II	S	3	0		3	3	3	Compulsory
208	ELECTRICAL ENERGY MANUFACTURING AND TRAN	S	2	0		2	2	2	Compulsory
210	CUSTOM INSTALLATION	S	3	0		3	3	3	Compulsory
212	PROGRAMMEBLE CONTROLLER	S	3	1		4	4	4	Compulsory
214	SYSTEM ANALYSIS AND DESIGNING	S	2	0		2	2	3	Compulsory
216	HYDROLOGIC AND PNEUMATIC SYSTEMS	S	3	0		3	3	4	Compulsory
218	RESEARCH METHODS AND TECHNIQUES	S	2	0		2	2	3	Optional
220	HOME DEVICES	S	3	0		3	3	3	Optional
222	MICROPROCESSOR AND MICROCONTROLLERS	S	2	1		3	3	3	Optional
TOTAL			28	2	0	30	30	30	
3 ELECTIVE DEPARTMENTS 2 ELECTIVE COURSES (TOTAL 6 ECTS)									
TOTAL			108	8	0	116	116	120	