

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM207	Electrotechnic I	3	2	0	1	2,5	2

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	Electron theory, current, voltage, resistance, teach. Be able to analyze the circuit with Ohm's law. Use measuring devices
Content	Eloktron theory diagrams icons Simple circuits and Ohm's Law Series and parallel circuits Ammeters, voltmeters and other measuring devices Work, energy and power Electrical power supply conductors insulation the principles of care batteries Magnetism and electromagnetism
References	

Theory Topics

Week	Weekly Contents
1	Eloptron theory
2	diagrams icons
3	Simple circuits and Ohm's Law
4	Series and parallel circuits
5	Ammeters, voltmeters and other measuring devices
6	Ammeters, voltmeters and other measuring devices
7	Ammeters, voltmeters and other measuring devices
8	Work, energy and power
9	Work, energy and power
10	Electrical power supply
11	conductors
12	insulation
13	the principles of care batteries
14	Magnetism and electromagnetism