Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM131	Electronics	2	2	0	0	2	2

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	Allows electronic circuit elements, know the working principles of electronic circuit elements and uses ship electronic device
Content	Short atomic information, and types of diodes, BJT's, field-effect transistors. Difference amplifiers, electrical characteristics of operational amplifiers, feedback, frequency response, operational amplifiers, basic operational amplifier circuits, operational amplifier applications, multivibrators and wave shapers.
References	1) Elektronik elemanlar ve devre teorisi , Robert Boylestad, Louis Nashelsky, temel elektronşk bilgisi. 2) Elektronik 2 atlas yayınları, Elektronik yüce yayınları, Analog Elektronik 1 seçkin yayıncılık. 3) Doğru akım devre analizi Ali Bekir Yıldız 4) Elektrik Makineleri Cilt 1 Adem Atunsaçlı

Theory Topics

Week	Weekly Contents