

	Course	Electrical	Electronic	Both
1	Circuits / Circuit Analysis			X
2	Electronics			X
3	Electromagnetic fields and waves			X
4	Instrumentation/Measurements/Sensors			X
5	Signal and systems(Fourier, Laplace, etc)			X
6	Random Signals and Systems			X
7	Advanced Computer Control			X
8	Numerical Analysis			X
9	Embedded and Real-Time Systems			X
10	Solid State Electronic Devices			X
11	Random Processes			X
12	Optimal Control			X
13	Numerical Analysis			X
14	Electrical Materials (Science)			X
15	Engineering Graphics and Design			X
16	Performance Evaluation and Simulation			X
17	Power Electronics			X
18	Electromagnetic Compatibility			X
19	Travelling Waves			X
20	Automatic Control systems			X
21	Control Engineering			X
22	Engineering Cybernetics			X
23	Electrophysics			X
24	System Analysis			X
25	Φωτοτεχνία/Φωτομετρία			X
26	Digital Logic		X	
27	Tele / Communications		X	
28	Digital Design		X	
29	Fiber optic systems and networks		X	
30	Biomedical Instrumentation and Design		X	
31	Microprocessor Systems		X	
32	Computer Hardware Systems		X	
33	VLSI Design		X	
34	Intelligent Systems		X	
35	Antennas		X	
36	Wireless Links and Propagation		X	
37	Artificial Intelligence		X	
38	Mobile/Satellite Communications		X	
39	Digital Signal Processing		X	
40	Radio Frequency and Microwave Circuits		X	
41	Optical Engineering		X	
42	Introduction to Photonics		X	
43	Advanced Communication Systems		X	
44	Computer Network Communication		X	
45	Image Processing and Machine Vision		X	
46	Circuits / Circuit Analysis		X	
47	Power Electronics		X	
48	Electromechanical Energy Conversion	X		
49	Power System Analysis	X		
50	Power Systems Operation and Planning	X		
51	High Voltage Networks	X		
52	Electrical Services for Buildings	X		
53	Electric Power Generation/Transmission/Distribution	X		
54	Power System Protection	X		
55	Electric System Analysis	X		
56	Electrical Machines / Drives	X		
57	Power System Transients	X		
58	Insulation Coordination	X		
59	Power Engineering	X		
60	Circuits / Circuit Analysis	X		
61	Power Electronics	X		
62	Renewables/ Renewable Power	X		
63	High Voltage Apparatus	X		
64	Electrical Power Systems	X		