

NO	NAMA MATAKULIAH	COURSE TITLE	SKS - Credit Hours			
			K	P	T	%
Matakuliah Wajib Universitas - General Compulsory Courses						
1	Kewarganegaraan	Civics	2	0	2	
2	Pancasila	State Ideology PANCASILA	2	0	2	
3	Bahasa Indonesia	National Language: Bahasa Indonesia	2	0	2	
4	Bahasa Inggris	English	2	0	2	
5	Wawasan Ipteks	Science and Technology Insight	2	0	2	
6	Wawasan Sosial Budaya Bahari	Maritime Social and Cultural Insight	2	0	2	
7	Agama	Religion	2	0	2	
		Total:	14	0	14	9,59%
Matakuliah Matematika dan Sains - Mathematics and Basic Sciences						
8	Kalkulus I	Calculus 1	2	1	3	
9	Kalkulus II	Calculus 2	2	1	3	
13	Matematika Terapan	Applied Mathematics	2	1	3	
14	Aljabar Linier	Linear Algebra	2	0	2	
15	Matematika Diskrit	Discrete Mathematics	2	0	2	
16	Metode Numerik	Numerical Methods	2	0	2	
17	Probabilitas dan Statistik	Probability and Statistics	2	0	2	
10	Fisika I	Physics 1	2	1	3	
11	Fisika II	Physics 2	2	1	3	
12	Kimia Terapan	Appllied Chemistry	2	1	3	
18	Material Elektroteknik	Electrical Materials	2	1	3	
19	Ilmu Lingkungan	Environmental Science	2	0	2	
20	Elektromagnetika I	Electromagnetics 1	2	0	2	
21	Elektromagnetika II	Electromagnetics 2	2	0	2	
22	Fisika Terapan	Appllied Physics	2	0	2	
		Total:	30	7	37	25,34% > 25%
Matakuliah Inti Teknik Elektro - Electrical Engineering Core Courses						
23	Rangkaian Listrik I	Circuits 1	2	1	3	
24	Rangkaian Listrik II	Circuits 2	2	0	2	
25	Rangkaian Logika/Sistem Digital I (2 sks)	Digital Systems 1	2	0	2	
26	Sistem Digital/Sistem Digital II	Digital Systems 2	2	0	2	
27	Dasar Tenaga Listrik	Basic Electrical Power	2	0	2	
28	Dasar Elektronika	Basic Electronics	2	0	2	
29	Dasar Telekomunikasi	Basic Telecommunication	2	0	2	
30	Dasar Sistem Kendali	Basic Control Systems	2	0	2	

Usul ditambah 1 SKS

NO	NAMA MATAKULIAH	COURSE TITLE	SKS - Credit Hours			
			K	P	T	%
Matakuliah Inti Teknik Elektro (lanjutan) - <i>Electrical Engineering Core Courses (continued)</i>						
31	Menggambar Teknik	Engineering Drawing	2	0	2	
32	Komunikasi Data dan Jaringan	Data Communication and Computer Network	2	1	3	
33	Elektronika Analog/Digital (Elektronika Terpadu)	Integrated Analog-Digital Electronics	2	1	3	
34	Mikroprosesor dan Antarmuka dan Praktikum	Microprocessor and Interfaces + Lab	2	1	3	
35	Algoritma dan Pemrograman	Algorithm and Programming	2	1	3	
36	Praktikum Rangkaian Listrik	Circuit Laboratory	0	1	1	
37	Praktikum Dasar Elektronika	Basic Electronics Laboratory	0	1	1	
38	Praktikum Sistem Digital	Digital Systems Laboratory	0	1	1	
39	Praktikum Dasar Telekomunikasi	Basic Telecommunication Laboratory	0	1	1	
40	Praktikum Dasar Tenaga Listrik	Basic Electrical Power Laboratory	0	1	1	
41	Isyarat dan Sistem	Signals and Systems	2	0	2	
42	Instalasi Listrik	Electrical Installation	1	1	2	
43	Pengukuran Listrik	Electrical Measurements	1	1	2	
44	Konversi Energi	Energy Conversion	2	0	2	
Total SKS			32	12	44	30,14%
Matakuliah Penunjang - <i>Supporting Courses</i>						
45	Ekonomi Teknik	Engineering Economics	2	0	2	
46	Kewirausahaan	Entrepreneurship	2	0	2	
47	Kesehatan dan Keselamatan Kerja	Health and Safety Issues in Working Place	2	0	2	
48	Etika Profesi	Professional Ethics	2	0	2	
49	Metode Penelitian dan Penulisan Ilmiah	Scientific Writing and Research Methods	2	0	2	
Total:			10	0	10	6,85%
Matakuliah Non-Tatap Muka - <i>Non-Classroom Courses</i>						
50	Desain Elektroteknik I	Electrical Engineering Design 1	0	3	3	
51	Desain Elektroteknik II	Electrical Engineering Design 2	0	3	3	
52	KKN	Community Service Programs	0	4	4	
53	Kerja Praktek	Practical (On Job) Training	0	2	2	
54	Seminar (Hasil)	Seminar	0	1	1	
55	Skripsi	Final Project Report	0	4	4	
Total:			0	17	17	11,64%
Matakuliah Pilihan Bidang Keahlian - <i>Electrical Engineering Elective Courses</i>						
			Total (MINIMUM):		24	16,44%
			TOTAL:		146	100,00%

Usul dipindahkan ke Supporting Courses