

Jurusan Teknik Elektro  
Mata Kuliah Yang Ditawarkan Semester Ganjil 2013/2014

Kode	Matakuliah	SKS	Dosen	Kelas	Beban
10011000	Pendidikan Agama Islam/ <i>Fundamental of Islamic Religion</i>	2	Aang Kunaefi	a,b	4
52422039	Fisika Elektro/ <i>Physics</i>	3	Hadi Mulya	a,b	6
52412003	Pengantar Teknik Elektro/ <i>Fundamental of Electrical Engineering</i>	2	Budi Astuti	a,b	4
52422040	Kalkulus / <i>Calculus</i>	3	Firdaus	a,b	6
52412004	Pemrograman Komputer/ <i>Computer Programming</i>	2	Abdul Kadir	a,b,c,d	8
52412005	Pengukuran Besaran Listrik/ <i>Electrical Measurements</i>	3	Tito Yuwono	a,b	6
52412006	Teknik Digital / <i>Digital Electronics</i>	2	Hendra Setiawan	a,b	4
52413020	Prak. Pemrograman Komputer/ <i>Computer Programming Lab. Work</i>	1		a-f	6
52413021	Prak. Dasar Teknik Elektro / <i>Fundamental of Electrical Engineering Lab. Work</i>	1		a-f	6
52025048	Muamalah / <i>Muamalat</i>	2	Ridwan Hamidi	a,b	4

52422042	Probabilitas dan Statistika / <i>Probability and Statistics</i>	2	Alvin Sahroni	a,b	4
52412012	Elektronika Lanjut / <i>Advanced Electronics</i>	2	Hendra Setiawan	a,b	4
52412013	Perancangan Sistem Digital/ <i>Design of Digital Systems</i>	3	Medilla Kusriyanto	a,b	6
52412014	Dasar Sistem Kendali / <i>Fundamental of Control Systems</i>	3	Sisdarmanto Adinandra	a,b	6
52412015	Rangkaian Listrik II / <i>Electrical Circuits II</i>	2	Wahyudi Budi Pramono	a,b	4
52412016	Sistem Mikrokontroler / <i>Microcontroller Systems</i>	2	Totok Budioko	a,b	4
52421033	Seni, Olahraga, dan Rekreasi / <i>Culture, Sports, and Recreation</i>	1	Alvin Sahroni	a	1
	Seni, Olahraga, dan Rekreasi / <i>Culture, Sports, and Recreation</i>	1	Sisdarmanto Adinandra	b,c	2
52413024	Prak. Dasar Telekomunikasi / <i>Fundamental of Telecommunications Lab. Work</i>	1		a-g	7
52413025	Prak. Dasar Elektronika / <i>Fundamental of Electronics Lab. Work</i>	1		a-g	7
52412017	Metode Numeris / <i>Numerical Methods</i>	2	Alvin Sahroni	a,b	4
52412018	Teknik Antarmuka / <i>Interface Designs</i>	2	Faizun	a,b	4
52413026	Prak. Dasar Sistem Kendali / <i>Fundamental of Control Systems Lab. Work</i>	1		a-g	7
<b>Konsentrasi Kendali / Control</b>					

52412100	Teknik Kendali Digital / <i>Digital Control</i>	3	Dwi Ana Ratna Wati		3
52412101	Instrumentasi Sistem Kendali / <i>Control System Instrumentations</i>	3	Sisdarmanto Adinandra		3
52412102	Automasi Industri / <i>Industrial Automation</i>	3	Medilla Kusriyanto		3
<b>Konsentrasi Telekomunikasi / <i>Telecommunication</i></b>					
52412201	Elektronika Telekomunikasi / <i>Electronic Telecommunications</i>	3	Firdaus		3
52412202	Proses Acak / <i>Random Process</i>	3	Hendra Setiawan	a	3
<b>Konsentrasi Ketenagaan / <i>Power</i></b>					
52412300	Elektronika Daya / <i>Power Electronics</i>	2	Medilla Kusriyanto / Nurman Mariun		2
52412302	Analisis Sistem Tenaga / <i>Power System Analysis</i>	3	Wahyudi Budi Pramono		3
10021037	Kepemimpinan Islam / <i>Islamic Leadership</i>	2	Supriyanto Pasir	a,b	4
10011001	Pancasila / <i>Pancasila</i>	2	Kartini Pramono	a,b	4
10021038	Bahasa Indonesia / <i>Indonesian Language</i>	2	Dwi Ana Ratna Wati	a,b	4
52424046	Ekonomi Teknik / <i>Economics for Engineering</i>	2	Suparman	a,b	4
52412019	Pemrosesan Sinyal Digital / <i>Digital Signal Processing</i>	3	Hendra Setiawan	a	3
<b>Konsentrasi Kendali / <i>Control</i></b>					

52412103	Kendali Proses / <i>Process Controls</i>	3	Sisdarmanto Adinandra		3
52412104	Sistem Berbasis Mikrokontroler / <i>Embedded Systems</i>	3	Alvin Sahroni		3
52412105	Kendali Cerdas / <i>Intelligent Control</i>	3	Dwi Ana Ratna Wati		3
52413109	Prak. Instrumentasi Sistem Kendali / <i>Control System Instrumentation Lab. Work</i>	1	ditawarkan	a,b	2
<b>Konsentrasi Telekomunikasi / <i>Telecommunication</i></b>					
52412203	Antena dan Propagasi / <i>Antenna and Propagation</i>	3	Tito Yuwono	a	3
52412204	Rekayasa Trafik / <i>Traffic Engineering</i>	3	Firdaus	a	3
52412205	Sistem Komunikas Digital / <i>Digital Communications</i>	3	Firdaus	a	3
52413209	Prak. Telekomunikasi Lanjut / <i>Advanced Telecommunication Lab. Work</i>	1		a,b	2
<b>Konsentrasi Ketenagaan / <i>Power</i></b>					
52412304	Peralatan Sistem Tenaga Listrik / <i>Power System Equipments</i>	3	Suyamto	a	3
52412305	Teknik Instalasi & Desain Kelistrikan Industri / <i>Industrial Electrical Installations</i>	3	Wahyudi Budi Pramono	a	3
52412306	Transmisi dan Distribusi Daya / <i>Transmission and Distribution</i>	3	Budi Astuti	a	3
52413310	Prak. Analisis Sistem Tenaga / <i>Power System Analysis Lab. Work</i>	1		a-b	2

52423044	Manajemen Proyek / <i>Project Management</i>	2	Ali Parkhan	a,b	4
<b>Konsentrasi Kendali / Control</b>					
52412106	Sistem Kendali Berbasis Jaringan / <i>Network Based Control Systems</i>	3	Alvin Sahroni		3
52412107	Robotika / <i>Robotics</i>	3	Sisdarmanto Adinandra		3
52413110	Prak. PLC / <i>PLC Lab. Work</i>	1		a,b	2
52413111	Prak. Kendali Proses / <i>Process Control Lab. Work</i>	1		a,b	2
<b>Konsentrasi Telekomunikasi / Telecommunication</b>					
52412207	Teori Informasi dan Penyandian / <i>Information Theory and Cryptography</i>	3	Hendra Setiawan	a	3
52413210	Prak. Sistem Telekomunikasi Bergerak / <i>Mobile Communications Lab. Work</i>	1		a,b	2
52413211	Prak. Antenna dan Propagasi / <i>Antenna and Propagation Lab. Work</i>	1		a,b	2
<b>Konsentrasi Ketenagaan / Power</b>					
10023045	Kewirausahaan / <i>Entrepreneurship</i>	2	Alvin Sahroni	a	2
52014031	Kerja Praktik / <i>Internship</i>	2			
10011002	Kewarganegaraan / <i>Civil Education</i>	2	Kartini Pramono	a	2
<b>Konsentrasi Kendali / Control</b>					

52412108	Kendali Sistem Mekanik / <i>Mechanical Control Systems</i>	3	Sisdarmanto Adinandra/ Jonatan Pena-Ramirez	a	3
<b>Konsentrasi Telekomunikasi / <i>Telecommunication</i></b>					
52412208	Perancangan dan Optimasi Jaringan Telekomunikasi / <i>Planning and Optimization Telecommunication Networks</i>	3	Firdaus	a	3
<b>Konsentrasi Ketenagaan / <i>Power</i></b>					
52412309	Manajemen Energi / <i>Energy Managements</i>	3	Budi Astuti	a	3
10025047	KKN / <i>Extended Community</i>	2			
10013029	Skripsi / <i>Undergraduate Thesis</i>	3			
10013030	Ujian Skripsi / <i>Undergraduate Thesis Exam</i>	3			
<b>MATA KULIAH PILIHAN / <i>ELECTIVE SUBJECTS</i></b>					
<b>Kode / Code</b>	<b>Mata Kuliah / COURSE</b>	<b>SKS / Credits</b>	Dosen		
52412050	Jaringan Syaraf Tiruan / <i>Artificial Neural Networks</i>	3	Alvin Sahroni	a	3
52412053	SCADA / <i>SCADA</i>	3	Medilla Kusriyanto	a	3
52412058	Regulasi Telekomunikasi / <i>Telecommunication Regulations</i>	3	Tito Yuwono	a	3

52412062	Sistem Berbasis Evaluation Board / <i>Evaluation Board Based System</i>	3	Hendra Setiawan	a	3
52412314	Trafo / <i>Transformator</i>	3	Suyamto	a	3
52412316	Audit Energi / <i>Energy Audit</i>	3	Wahyudi Budi Pramono	a	3

30 Juli 2013

Ketua Jurusan Teknik Elektro

Tito Yuwono, ST.,M.Sc