

Mata Kuliah Pilihan-KEAHLIAN TEKNIK SISTEM TENAGA		
Kode Code	Mata Kuliah Course Subject	SKS Credit
EE0021	Energi Baru Terbarukan <i>Renewable Energy</i>	2
EE0022	Sistem Proteksi Tenaga Listrik <i>Power System Protection</i>	2
EE0023	Pemeliharaan Sistem Tenaga Listrik <i>Power System Planning and Maintenance</i>	2
EE0024	Operasi Optimum Sistem Tenaga <i>Optimum Operation of Power System</i>	2
EE0025	Desain Sistem Tenaga Listrik <i>Power System Design</i>	2
EE0026	Transmisi daya arus searah <i>High Voltage Direct Current Transmission</i>	2
EE0027	Sistem Penyimpanan Energi <i>Energy Storage System</i>	2
EE0028	Kualitas Daya Listrik <i>Electrical Power Quality</i>	2
EE0029	Instalasi Sistem Kelistrikan <i>Electrical Installation System</i>	2
EE0041	Teknik Tegangan Tinggi <i>High Voltage Engineering</i>	3
EE0042	Stabilitas dan Keandalan Tenaga Listrik <i>Power Stability and Reliability</i>	3
EE0043	Transmisi dan Distribusi Tenaga Listrik <i>Power Transmission and Distribution</i>	3
EE0044	Desain Mesin Listrik <i>Design of Electrical Machines</i>	2
EE0045	Kendaraan Listrik <i>Electrical Vehicle</i>	2
EE0046	Termodinamika <i>Thermodynamics</i>	2
EE0047	Pembangkitan Tenaga Listrik <i>Power Generation</i>	3
EE0048	Manajemen dan Konservasi Energi <i>Management and Energy Conservation</i>	2
Total SKS		38

Mata Kuliah Pilihan-KEAHLIAN TEKNIK SISTEM KONTROL		
Kode Code	Mata Kuliah Course Subject	SKS Credit
EE0031	Pemodelan Sistem <i>System Modelling</i>	2
EE0032	Identifikasi Sistem <i>System Identification</i>	2
EE0033	Sistem Kendali Adaptif <i>Adaptive Control System</i>	2
EE0034	Sistem Kendali Prediktif <i>Predictive Control System</i>	2
EE0035	Sistem Kendali Digital <i>Digital Control System</i>	3
EE0036	Sistem Kendali Optimal <i>Optimal Control System</i>	3
EE0037	Mekatronika <i>Mechatronics</i>	2
EE0038	Sensor dan Aktuator <i>Sensors and Actuators</i>	2
EE0039	Sistem Kendali Proses <i>Process Control System</i>	2
EE0051	Sistem Kendali Modern <i>Modern Control System</i>	3
EE0052	Sistem Hidrolik & Pneumatik <i>Hydraulics and Pneumatic Systems</i>	2
EE0053	Robotika <i>Robotics</i>	2
EE0054	Sistem Kendali Waktu Nyata <i>Real Time Control System</i>	2
EE0055	Sistem Kendali Multivariabel <i>Multivariable Control System</i>	3
EE0056	Informatika Industri <i>Industrial Informatics</i>	2
EE0057	Pengolahan Citra Digital <i>Digital Image Processing</i>	2
EE0058	Proses Stokastik <i>Stochastic Process</i>	2
Total SKS		38