



KURIKULUM
PROGRAM STUDI D-IV JARINGAN TELEKOMUNIKASI DIGITAL
JURUSAN TEKNIK ELEKTRO
DIIMPLEMENTASIKAN UNTUK MAHASISWA BARU
TAHUN AKADEMIK 2018/2019

SEMESTER I

NO	KODE MK	MATA KULIAH	SKS PER MINGGU		TOTAL SKS	JAM PER MINGGU		TOTAL JAM
			TEORI	PRAKTEK		TEORI	PRAKTEK	
1	RTD181001	QMS	1	0	1	2	0	2
		<i>(Quality of Management System)</i>						
2	RTD181102	Matematika Teknik I	1	0	1	2	0	2
		<i>(Engineering Mathematics I)</i>						
3	RTD181103	Rangkaian Listrik I	2	0	2	3	0	3
		<i>(Electrical Circuit I)</i>						
4	RTD181104	Pengukuran Besaran Listrik	2	0	2	3	0	3
		<i>(Electrical Measurement)</i>						
5	RTD181105	Rangkaian Digital	2	0	2	3	0	3
		<i>(Digital Circuit)</i>						
6	RTD181106	Praktikum Rangkaian Listrik I	0	2	2	0	4	4
		<i>(Electrical Circuit I of Laboratory)</i>						
7	RTD181107	Teknik Komputer	0	2	2	0	4	4
		<i>(CTS=Computer Technical Support)</i>						
8	RTD181108	Algoritma dan Pemrograman	0	2	2	0	4	4
		<i>(Algorithm, Programming and Computer Lab.)</i>						
9	RTD181109	Gambar Teknik Elektro	0	1	1	0	3	3
		<i>(Electrotechnic Drawing)</i>						
10	RTD181110	Bengkel Elektromekanik	0	2	2	0	4	4
		<i>(Electromechanic Workshop)</i>						
11	RTD181111	Piranti Elektronika + Lab	1	2	3	2	4	6
		<i>(Device Electronics and Laboratory)</i>						
TOTAL			9	11	20	15	23	38
PROSENTASE			45%	55%	100%	39%	61%	100%



SEMESTER II

NO	KODE MK	MATA KULIAH	SKS PER MINGGU		TOTAL SKS	JAM PER MINGGU		TOTAL JAM
			TEORI	PRAKTEK		TEORI	PRAKTEK	
1	RTD182001	Bahasa Indonesia <i>(Indonesian Language)</i>	1	0	1	2	0	2
2	RTD182002	KWU Enterpreneurship	1	0	1	2	0	2
3	RTD182103	Probabilitas dan Statistik <i>(Probability and Statistics)</i>	1	0	1	2	0	2
4	RTD182004	Bahasa Inggris I <i>(English-I Functional English)</i>	1	0	1	2	0	2
5	RTD182105	Metematika Teknik II <i>(Engineering Mathematics II)</i>	1	0	1	2	0	2
6	RTD182106	Pengantar Telekomunikasi <i>(Introduction to Telecommunication System)</i>	2	0	2	3	0	3
7	RTD182107	Rangkaian Elektronika <i>(Electronics Circuit)</i>	2	0	2	3	0	3
8	RTD182108	Praktikum Rangkaian Elektronika I <i>(Electronics Circuit I of Laboratory)</i>	0	2	2	0	4	4
9	RTD182109	Praktikum Pengukuran Besaran Listrik <i>(Electrical Measurement of Laboratory)</i>	0	2	2	0	4	4
10	RTD182110	Praktikum Rangkaian Digital <i>(Digital Circuit of Laboratory)</i>	0	2	2	0	4	4
11	RTD182111	Pemrograman Komputer <i>(Object Oriented Programming and computer lab)</i>	0	2	2	0	4	4
12	RTD182112	Rangkaian Listrik II + Lab <i>(Electrical Circuit II and Laboratory)</i>	1	2	3	2	4	6
TOTAL			10	10	20	18	20	38
PROSENTASE			50%	50%	100%	47%	53%	100%



SEMESTER III

NO	KODE MK	MATA KULIAH	SKS PER MINGGU		TOTAL SKS	JAM PER MINGGU		TOTAL JAM
			TEORI	PRAKTEK		TEORI	PRAKTEK	
1	RTD183001	Bahasa Inggris 2 (<i>Eng-11 Communication Skills</i>)	1	0	1	2	0	2
2	RTD183102	Komunikasi Data (<i>Data Communications</i>)	2	0	2	3	0	3
3	RTD183103	Medan Elektromagnetik (<i>Electromagnetic Field</i>)	1	0	1	2	0	2
4	RTD183004	Pendidikan Agama (<i>Religious Education</i>)	1	0	1	2	0	2
5	RTD183105	Saluran Transmisi Telekomunikasi (<i>Telecommunication Transmision line</i>)	2	0	2	3	0	3
6	RTD183106	Telekomunikasi Analog dan Digital (<i>Analog and Digital Communications</i>)	1	1	2	2	3	5
7	RTD183107	Praktikum Telekomunikasi Analog (<i>Analog Telecommunication of Laboratory</i>)	0	2	2	0	4	4
8	RTD183108	Praktikum Sistem Mikrokontroler I (<i>Microcontroller System of laboratory.I</i>)	0	2	2	0	4	4
9	RTD183109	Praktikum Rangkaian Elektronika II (<i>Electronics Circuit II of Laboratory</i>)	0	2	2	0	4	4
10	RTD183110	Praktikum Jaringan Komputer I (<i>Computer Network I of Laboratory</i>)	0	2	2	0	4	4
11	RTD183111	Elektronika Telekomunikasi + lab. (<i>Communication Electronics and Laboratory</i>)	1	1	2	2	3	5
TOTAL			9	10	19	16	22	38
PROSENTASE			47%	53%	100%	42%	58%	100%



SEMESTER IV

NO	KODE MK	MATA KULIAH	SKS PER MINGGU		TOTAL SKS	JAM PER MINGGU		TOTAL JAM
			TEORI	PRAKTEK		TEORI	PRAKTEK	
1	RTD184001	Pendidikan Pancasila (<i>Pancasila Education</i>)	1	0	1	2	0	2
2	RTD184102	Keselamatan dan Kesehatan Kerja (K3) (<i>Safety and health of work</i>)	1	0	1	2	0	2
3	RTD184103	Teknik Gelombang Mikro (<i>Micro Wave Technic</i>)	2	0	2	3	0	3
4	RTD184104	Dasar Teknik Elektro (<i>Introduction to electrotechnic</i>)	1	0	1	2	0	2
5	RTD184105	Jaringan Telekomunikasi I (<i>Telecommunication Network I</i>)	2	0	2	3	0	3
6	RTD184006	Bahasa Inggris 3 (<i>Eng-III Technical Report Writing & Presentation</i>)	0	1	1	0	2	2
7	RTD184107	Praktikum Komunikasi Data (<i>Data Communication of Laboratory</i>)	0	2	2	0	4	4
8	RTD184108	Praktikum Jaringan Komputer II (<i>Computer Network II of Laboratory</i>)	0	2	2	0	4	4
9	RTD184109	Praktikum Saluran Transmisi (<i>Line Transmision of Laboratory</i>)	0	1	1	0	3	3
10	RTD184110	Praktikum Telekomunikasi Digital (<i>Digital Telecommunication of Laboratory</i>)	0	2	2	0	4	4
11	RTD184111	Praktikum Sistem Mikrokontroler II (<i>Microcontroller system of Laboratory II</i>)	0	2	2	0	4	4
12	RTD184112	Sistem Komunikasi Radio + Lab (<i>Radio Communication system of Laboratory</i>)	1	1	2	2	3	5
TOTAL			8	11	19	14	24	38
PROSENTASE			42%	58%	100%	37%	63%	100%



SEMESTER V

NO	KODE MK	MATA KULIAH	SKS PER MINGGU		TOTAL SKS	JAM PER MINGGU		TOTAL JAM
			TEORI	PRAKTEK		TEORI	PRAKTEK	
1	RTD185101	Standar dan Regulasi Telekomunikasi (<i>Telecommunication Standards and Regulations</i>)	1	0	1	2	0	2
2	RTD185102	Teknik Switching dan Rekeyasa Trafik (<i>Switching and Traffic Engineering</i>)	2	0	2	3	0	3
3	RTD185103	Sistem Komunikasi Satelit (<i>Satellite Communication System</i>)	2	0	2	3	0	3
4	RTD185104	Teori dan Disain Antena (<i>Theory and Design of Antenna</i>)	2	0	2	3	0	3
5	RTD185105	Sistem Komunikasi Seluler (<i>Celluler Communication System</i>)	2	0	2	3	0	3
6	RTD185106	Pemrosesan Sinyal Digital (<i>Digital signal processing</i>)	2	0	2	3	0	3
7	RTD185107	Teknik Kontrol Otomatis (<i>Automatic control technique</i>)	1	0	1	2	0	2
8	RTD185008	Bahasa Inggris 4 (<i>Eng-1V Communication Skills + Presentation</i>)	0	1	1	0	2	2
9	RTD185109	Praktikum Teknik Gelombang Mikro (<i>Micro Wave Technic of Laboratory</i>)	0	2	2	0	4	4
10	RTD185110	Praktikum Jaringan Telekomunikasi I (<i>Telecommunication network of Laboratory I</i>)	0	2	2	0	4	4
11	RTD185111	Sistem Video + Lab (<i>video system and Laboratory</i>)	1	1	2	2	3	5
12	RTD185112	Teknik Instalasi Fiber Optik (<i>Optical Fiber Instalation of technical</i>)	0	2	2	0	4	4
TOTAL			13	8	21	21	17	38
PROSENTASE			62%	38%	100%	55%	45%	100%



SEMESTER VI

NO	KODE MK	MATA KULIAH	SKS PER MINGGU		TOTAL SKS	JAM PER MINGGU		TOTAL JAM
			TEORI	PRAKTEK		TEORI	PRAKTEK	
1	RTD186001	Manajemen Proyek <i>(Project Management)</i>	1	0	1	2	0	2
2	RTD186102	Jaringan Telekomunikasi II <i>(Telecommunication network II)</i>	2	0	2	3	0	3
3	RTD186103	Kecerdasan Buatan <i>(Artificial Intelligent)</i>	1	0	1	2	0	2
4	RTD186104	Pemrograman Basis Data <i>(Data base programming)</i>	1	0	1	2	0	2
5	RTD186105	Pemrograman Aplikasi Mobile <i>(Mobile Applications Programming)</i>	0	1	1	0	3	3
6	RTD186106	Praktikum Antena <i>(Antenna of Laboratory)</i>	0	2	2	0	4	4
7	RTD186107	Praktikum Sistem Komunikasi seluler <i>(Celluler Communication System of Laboratory)</i>	0	2	2	0	4	4
8	RTD186108	Praktikum pemrosesan sinyal digital <i>(Digital Signal Processing of Laboratory)</i>	0	1	1	0	3	3
9	RTD186109	Sistem Keamanan dan Jaringan + Lab <i>(Security & Network System of Laboratory)</i>	1	1	2	2	3	5
10	RTD186110	Sistem Komunikasi. Fiber Optik + Lab <i>(Optical Communications System and Laboratory)</i>	1	1	2	2	3	5
11	RTD186111	Pengolahan Citra Digital + Lab <i>(Image Processing of Laboratory)</i>	1	1	2	2	3	5
TOTAL			8	9	17	15	23	38
PROSENTASE			47%	53%	100%	39%	61%	100%



SEMESTER VII

NO	KODE MK	MATA KULIAH	SKS PER MINGGU		TOTAL SKS	JAM PER MINGGU		TOTAL JAM
			TEORI	PRAKTEK		TEORI	PRAKTEK	
1	RTD187001	Etika dan Profesi <i>(Professionalism and Ethic)</i>	1	0	1	2	0	2
2	RTD187002	Pengantar Ekonomi Teknik <i>(Introduction to engineering economy)</i>	1	0	1	2	0	2
3	RTD187003	Pendidikan kewarganegaraan <i>(Concept of Nationalism education)</i>	1	0	1	2	0	2
4	RTD1897104	Telekomunikasi Multimedia <i>(Multimedia Communications)</i>	2	0	2	3	0	3
5	RTD187105	Teknologi Pita Lebar dan Kecepatan Tinggi <i>(High Speed Tech & Broadband Telecom.)</i>	2	0	2	3	0	3
6	RTD187106	Sistem Komunikasi Avionik dan Navigasi <i>(Navigation and Avionic Communications system)</i>	1	0	1	2	0	2
7	RTD187107	Praktikum Jaringan Telekomunikasi II <i>(Telecommunication network of Laboratory II)</i>	0	2	2	0	4	4
8	RTD187108	Proyek Telekomunikasi <i>(Telecomunication Project)</i>	0	2	2	0	4	4
9	RTD187109	Praktikum Kecerdasan Buatan <i>(Artificial Intelligent of Laboratory)</i>	0	1	1	0	3	3
10	RTD187110	Metodologi Penelitian dan Pra Skripsi <i>(Pra final project and Research Method)</i>	1	0	1	2	0	2
11	RTD187111	Sistem Komunikasi Seluler Lanjut + lab <i>(Advance Wireless Communication System and Laboratory)</i>	1	2	3	2	4	6
12	RTD187112	Rekayasa dan Aplikasi Internet + Lab <i>(Internet Applications and engineering of laboratory)</i>	1	1	2	2	3	5
TOTAL			11	8	19	20	18	38
PROSENTASE			58%	42%	100%	53%	47%	100%



SEMESTER VIII

NO	KODE MK	MATA KULIAH	SKS PER MINGGU		TOTAL SKS	JAM PER MINGGU		TOTAL JAM
			TEORI	PRAKTEK		TEORI	PRAKTEK	
1	RTD188101	PKL <i>(On the Job Training)</i>	0	3	3	0	12	12
2	RTD188102	Seminar TA Final Report Seminar	0	1	1	0	2	2
3	RTD188103	Skripsi Final Report	0	5	5	0	24	24
TOTAL			0	9	9	0	38	38
PROSENTASE			0%	100%	100%	0%	100%	100%

REKAPITULASI JUMLAH SKS DAN JAM

KETERANGAN	JUMLAH SKS		TOTAL SKS	JUMLAH JAM		TOTAL JAM
	TEORI	PRAKTEK		TEORI	PRAKTEK	
TOTAL SKS DAN JAM	68	76	144	119	185	304
PROSENTASE	47%	53%	100%	39%	61%	100%