

KURIKULUM TAHUN 2018
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	RTD191001	QMS	1	0	1	2	0	2
		<i>(Quality of Management System)</i>						
2	RTD191102	Matematika Teknik I	1	0	1	2	0	2
		<i>(Engineering Mathematics I)</i>						
3	RTD191103	Rangkaian Listrik I	2	0	2	3	0	3
		<i>(Electrical Circuit I)</i>						
4	RTD191104	Pengukuran Besaran Listrik	2	0	2	3	0	3
		<i>(Electrical Measurement)</i>						
5	RTD191105	Rangkaian Digital	2	0	2	3	0	3
		<i>(Digital Circuit)</i>						
6	RTD191106	Praktikum Rangkaian Listrik I	0	2	2	0	4	4
		<i>(Electrical Circuit I of Laboratory)</i>						
7	RTD191107	Teknik Komputer	0	2	2	0	4	4
		<i>(CTS=Computer Technical Support)</i>						
8	RTD191108	Algoritma dan Pemrograman	0	2	2	0	4	4
		<i>(Algorithm, Programming and Computer Lab.)</i>						
9	RTD191109	Gambar Teknik Elektro	0	1	1	0	3	3
		<i>(Electrotechnic Drawing)</i>						
10	RTD191110	Bengkel Elektromekanik	0	2	2	0	4	4
		<i>(Electromechanic Workshop)</i>						
11	RTD191111	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	RTD192001	Bahasa Indonesia	1	0	1	2	0	2
		<i>(Indonesian Language)</i>						
2	RTD192002	KWU	1	0	1	2	0	2
		Enterpreneurship						
3	RTD192103	Probabilitas dan Statistik	1	0	1	2	0	2
		<i>(Probability and Statistics)</i>						
4	RTD192004	Bahasa Inggris I	1	0	1	2	0	2
		<i>(English-I Functional English)</i>						
5	RTD192105	Metematika Teknik II	1	0	1	2	0	2
		<i>(Engineering Mathematics II)</i>						
6	RTD192106	Pengantar Telekomunikasi	2	0	2	3	0	3
		<i>(Introduction to Telecommunication System)</i>						
7	RTD192107	Rangkaian Elektronika	2	0	2	3	0	3
		<i>(Electronics Circuit)</i>						
8	RTD192108	Praktikum Rangkaian Elektronika I	0	2	2	0	4	4
		<i>(Electronics Circuit I of Laboratory)</i>						
9	RTD192109	Praktikum Pengukuran Besaran Listrik	0	2	2	0	4	4
		<i>(Electrical Measurement of Laboratory)</i>						
10	RTD192110	Praktikum Rangkaian Digital	0	2	2	0	4	4
		<i>(Digital Circuit of Laboratory)</i>						
11	RTD192111	Pemrograman Komputer	0	2	2	0	4	4
		<i>(Object Oriented Programming and computer lab)</i>						
12	RTD192112	Rangkaian Listrik II + Lab	1	2	3	2	4	6
		<i>(Electrical Circuit II and Laboratory)</i>						
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	RTD193001	Bahasa Inggris 2	1	0	1	2	0	2
		<i>(Eng-11 Communication Skills)</i>						
2	RTD193102	Komunikasi Data	2	0	2	3	0	3
		<i>(Data Communications)</i>						
3	RTD193103	Medan Elektromagnetik	1	0	1	2	0	2
		<i>(Electromagnetic Field)</i>						
4	RTD193004	Pendidikan Agama	1	0	1	2	0	2
		<i>(Religious Education)</i>						
5	RTD193105	Saluran Transmisi Telekomunikasi	2	0	2	3	0	3
		<i>(Telecommunication Transmision line)</i>						
6	RTD193106	Telekomunikasi Analog dan Digital	1	1	2	2	3	5
		<i>(Analog and Digital Communications)</i>						
7	RTD193107	Praktikum Telekomunikasi Analog	0	2	2	0	4	4
		<i>(Analog Telecommunication of Laboratory)</i>						
8	RTD193108	Praktikum Sistem Mikrokontroler I	0	2	2	0	4	4
		<i>(Microcontroller System of laboratory.I)</i>						
9	RTD193109	Praktikum Rangkaian Elektronika II	0	2	2	0	4	4
		<i>(Electronics Circuit II of Laboratory)</i>						
10	RTD193110	Praktikum Jaringan Komputer I	0	2	2	0	4	4
		<i>(Computer Network I of Laboratory)</i>						
11	RTD193111	Elektronika Telekomunikasi + lab.	1	1	2	2	3	5
		<i>(Communication Electronics and Laboratory)</i>						
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	RTD194001	Pendidikan Pancasila	1	0	1	2	0	2
		<i>(Pancasila Education)</i>						
2	RTD194102	Keselamatan dan Kesehatan Kerja (K3)	1	0	1	2	0	2
		<i>(Safety and health of work)</i>						
3	RTD194103	Teknik Gelombang Mikro	2	0	2	3	0	3
		<i>(Micro Wave Technic)</i>						
4	RTD194104	Dasar Teknik Elektro	1	0	1	2	0	2
		<i>(Introduction to electrotechnic)</i>						
5	RTD194105	Jaringan Telekomunikasi I	2	0	2	3	0	3
		<i>(Telecommunication Network I)</i>						
6	RTD194006	Bahasa Inggris 3	0	1	1	0	2	2
		<i>(Eng-III Technical Report Writing & Presentation)</i>						
7	RTD194107	Praktikum Komunikasi Data	0	2	2	0	4	4
		<i>(Data Communication of Laboratory)</i>						
8	RTD194108	Praktikum Jaringan Komputer II	0	2	2	0	4	4
		<i>(Computer Network II of Laboratory)</i>						
9	RTD194109	Praktikum Saluran Transmisi	0	1	1	0	3	3
		<i>(Line Transmision of Laboratory)</i>						
10	RTD194110	Praktikum Telekomunikasi Digital	0	2	2	0	4	4
		<i>(Digital Telecommunication of Laboratory)</i>						
11	RTD194111	Praktikum Sistem Mikrokontroler II	0	2	2	0	4	4
		<i>(Microcontroller system of Laboratory II)</i>						
12	RTD194112	Sistem Komunikasi Radio + Lab	1	1	2	2	3	5
		<i>(Radio Communication system of Laboratory)</i>						
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	RTD195101	Standar dan Regulasi Telekomunikasi (<i>Telecommunication Standards and Regulations</i>)	1	0	1	2	0	2
2	RTD195102	Teknik Switching dan Rekayasa Trafik (<i>Switching and Traffic Engineering</i>)	2	0	2	3	0	3
3	RTD195103	Sistem Komunikasi Satelit (<i>Satellite Communication System</i>)	2	0	2	3	0	3
4	RTD195104	Teori dan Disain Antena (<i>Theory and Design of Antenna</i>)	2	0	2	3	0	3
5	RTD195105	Sistem Komunikasi Seluler (<i>Cellular Communication System</i>)	2	0	2	3	0	3
6	RTD195106	Pemrosesan Sinyal Digital (<i>Digital signal processing</i>)	2	0	2	3	0	3
7	RTD195107	Teknik Kontrol Otomatis (<i>Automatic control technique</i>)	1	0	1	2	0	2
8	RTD195008	Bahasa Inggris 4 (<i>Eng-IV Communication Skills + Presentation</i>)	0	1	1	0	2	2
9	RTD195109	Praktikum Teknik Gelombang Mikro (<i>Micro Wave Technic of Laboratory</i>)	0	2	2	0	4	4
10	RTD195110	Praktikum Jaringan Telekomunikasi I (<i>Telecommunication network of Laboratory I</i>)	0	2	2	0	4	4
11	RTD195111	Sistem Video + Lab (<i>video system and Laboratory</i>)	1	1	2	2	3	5
12	RTD195112	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	RTD196001	Manajemen Proyek	1	0	1	2	0	2
		<i>(Project Management)</i>						
2	RTD196102	Jaringan Telekomunikasi II	2	0	2	3	0	3
		<i>(Telecommunication network II)</i>						
3	RTD196103	Kecerdasan Buatan	1	0	1	2	0	2
		<i>(Artificial Intelligent)</i>						
4	RTD196104	Pemrograman Basis Data	1	0	1	2	0	2
		<i>(Data base programming)</i>						
5	RTD196105	Pemrograman Aplikasi Mobile	0	1	1	0	3	3
		<i>(Mobile Applications Programming)</i>						
6	RTD196106	Praktikum Antena	0	2	2	0	4	4
		<i>(Antenna of Laboratory)</i>						
7	RTD196107	Praktikum Sistem Komunikasi seluler	0	2	2	0	4	4
		<i>(Celluler Communication System of Laboratory)</i>						
8	RTD196108	Praktikum pemrosesan sinyal digital	0	1	1	0	3	3
		<i>(Digital Signal Processing of Laboratory)</i>						
9	RTD196109	Sistem Keamanan dan Jaringan + Lab	1	1	2	2	3	5
		<i>(Security & Network System of Laboratory)</i>						
10	RTD196110	Sistem Komunikasi. Fiber Optik + Lab	1	1	2	2	3	5
		<i>(Optical Communications System and Laboratory)</i>						
11	RTD196111	Pengolahan Citra Digital + Lab	1	1	2	2	3	5
		<i>(Image Processing of Laboratory)</i>						
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	RTD197001	Etika dan Profesi	1	0	1	2	0	2
		<i>(Professionalism and Ethic)</i>						
2	RTD197002	Pengantar Ekonomi Teknik	1	0	1	2	0	2
		<i>(Introduction to engineering economy)</i>						
3	RTD197003	Pendidikan kewarganegaraan	1	0	1	2	0	2
		<i>(Concept of Nationalism education)</i>						
4	RTD197104	Telekomunikasi Multimedia	2	0	2	3	0	3
		<i>(Multimedia Communications)</i>						
5	RTD197105	Teknologi Pita Lebar dan Kecepatan Tinggi	2	0	2	3	0	3
		<i>(High Speed Tech & Broadband Telecom.)</i>						
6	RTD197106	Sistem Komunikasi Avionik dan Navigasi	1	0	1	2	0	2
		<i>(Navigation and Avionic Communications system)</i>						
7	RTD197107	Praktikum Jaringan Telekomunikasi II	0	2	2	0	4	4
		<i>(Telecommunication network of Laboratory II)</i>						
8	RTD197108	Proyek Telekomunikasi	0	2	2	0	4	4
		<i>(Telecomuniation Project)</i>						
9	RTD197109	Praktikum Kecerdasan Buatan	0	1	1	0	3	3
		<i>(Artificial Intelligent of Laboratory)</i>						
10	RTD197110	Metodologi Penelitian dan Pra Skripsi	1	0	1	2	0	2
		<i>(Pra final project and Research Method)</i>						
11	RTD197111	Sistem Komunikasi Seluler Lanjut + lab	1	2	3	2	4	6
		<i>(Advance Wireless Communication System and Laboratory)</i>						
12	RTD197112	Rekayasa dan Aplikasi Internet + Lab	1	1	2	2	3	5
		<i>(Internet Applications and engineering of laboratory)</i>						
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	RTD198101	PKL	0	3	3	0	12	12
		<i>(On the Job Training)</i>						
2	RTD198102	Seminar TA	0	1	1	0	2	2
		Final Report Seminar						
3	RTD198103	Skripsi	0	5	5	0	24	24
		Final Report						
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%