

EVALUASI KURIKULUM 2019
PROGRAM D4-JARINGAN TELEKOMUNIKASI DIGITAL
POLITEKNIK NEGERI MALANG

CP: Fabrikasi Perangkat Elektronika Telekomunikasi

No.	KODE	SEMESTER I	SKS			JAM/MINGGU		
			TEORI	PRAKTEK	TOTAL	TEORI	PRAKTEK	TOTAL
1	RTD191001	Bahasa Inggris I	2	0	2	2	0	2
		<i>English-I: Functional English</i>						
2	RTD191002	Pendidikan Kewarganegaraan	2	0	2	2	0	2
		<i>Citizenship Education</i>						
3	RTD191003	QMS	2	0	2	2	0	2
		<i>Quality Management System</i>						
4	RTD191104	Bengkel Elektromekanik	0	2	2	0	4	4
		<i>Electromechanics Workshop</i>						
5	RTD191105	Dasar Sistem Telekomunikasi	2	0	2	2	0	2
		<i>Basic Telecommunications System</i>						
6	RTD191106	Matematika Teknik	2	0	2	2	0	2
		<i>Engineering Mathematics</i>						
7	RTD191107	Piranti & Teknik Elektronika	3	0	3	3	0	3
		<i>Electronic Devices and Engineering</i>						
8	RTD191108	Rangkaian Listrik	2	0	2	2	0	2
		<i>Electrical Circuit</i>						
9	RTD191109	Teknik Digital	3	0	3	3	0	3
		<i>Digital Technique</i>						
SUB TOTAL			18	2	20	18	4	22
PROSENTASE			90%	10%	100%	82%	18%	100%

CP: Telemonitoring dan Telekontroling berbasis IoT

No.	KODE	SEMESTER III	SKS			JAM/MINGGU		
			TEORI	PRAKTEK	TOTAL	TEORI	PRAKTEK	TOTAL
1	RTD193001	Bahasa Indonesia	2	0	2	2	0	2
		<i>Indonesian Language</i>						
2	RTD193002	Bahasa Inggris III	2	0	2	2	0	2
		<i>English-III Technical Report Writing & Presentation</i>						
3	RTD193103	Antena	2	0	2	2	0	2
		<i>Antenna</i>						
4	RTD193104	Pemrosesan Sinyal	2	0	2	2	0	2
		<i>Signal Processing</i>						
5	RTD193105	Praktikum Jaringan Sensor Nirkabel	0	3	3	0	6	6
		<i>Wireless Sensor Network Practicum</i>						
6	RTD193106	Praktikum Mikrokontroler I	0	2	2	0	4	4
		<i>Practicum Microcontroller I</i>						
7	RTD193107	Praktikum Pemrograman & Implementasi IoT	0	3	3	0	6	6
		<i>Practicum of Programming & IoT Implementation</i>						
8	RTD193108	Praktikum Saluran Transmisi & Gelombang Mikro	0	2	2	0	4	4
		<i>Practicum of Transmission Line & Microwave</i>						
9	RTD193109	Praktikum Sistem Modulasi	0	2	2	0	4	4
		<i>Modulation System Practicum</i>						
SUB TOTAL			8	12	20	8	24	32
PROSENTASE			40%	60%	100%	25%	75%	100%

CP: Transmisi Radio dan Fiber Optik

No.	KODE	SEMESTER V	SKS			JAM/MINGGU		
			TEORI	PRAKTEK	TOTAL	TEORI	PRAKTEK	TOTAL
1	RTD195001	Kewirausahaan	2	0	2	2	0	2
		<i>Entrepreneurship</i>						
2	RTD195102	Kecerdasan Buatan	2	0	2	2	0	2
		<i>Artificial Intelligence</i>						
3	RTD195103	Keselamatan dan Kesehatan Kerja	2	0	2	2	0	2
		<i>Occupational Health and Safety</i>						
4	RTD195104	Komunikasi Video & Televisi Siaran	2	0	2	2	0	2
		<i>Video Communication & Television Broadcasting</i>						
5	RTD195105	Pemrograman Aplikasi Mobile	0	2	2	0	6	6

5	RTD195105	<i>Mobile Applications Programming</i>	0	3	3	0	6	6
6	RTD195106	Praktikum Switching & Rekeyasa Trafik <i>Practicum of Switching & Traffic Engineering</i>	0	3	3	0	6	6
7	RTD195107	Sistem Komunikasi Seluler <i>Cellular Communication System</i>	2	0	2	2	0	2
8	RTD195108	Sistem Komunikasi Fiber Optik <i>Fiber Optic Communication System</i>	2	0	2	2	0	2
9	RTD195109	Sistem Komunikasi Radio <i>Radio Communication System</i>	2	0	2	2	0	2
SUB TOTAL			14	6	20	14	12	26
PROSENTASE			70%	30%	100%	54%	46%	100%

CP: Kemampuan di Bidang Managerial

No.	KODE	SEMESTER VII	SKS			JAM/MINGGU		
			TEORI	PRAKTEK	TOTAL	TEORI	PRAKTEK	TOTAL
1	RTD197101	PKL <i>On The Job Training</i>	0	12	12	0	24	24
SUB TOTAL			0	12	12	0	24	24
PROSENTASE			0%	100%	100%	0%	100%	100%

CP: Fabrikasi Perangkat Elektronika Telekomunikasi Berbasis Mikrokontroler

No.	KODE	SEMESTER II	SKS			JAM/MINGGU		
			TEORI	PRAKTEK	TOTAL	TEORI	PRAKTEK	TOTAL
1	RTD192001	Bahasa Inggris II <i>English-II Communication Skills</i>	2	0	2	2	0	2
2	RTD192102	Medan Elektromagnetik <i>Electromagnetic Field</i>	2	0	2	2	0	2
3	RTD192103	Praktikum Pemrograman Komputer <i>Computer Programming Practicum</i>	0	3	3	0	6	6
4	RTD192104	Praktikum Piranti & Teknik Elektronika <i>Electronic Devices & Engineering Practicum</i>	0	2	2	0	4	4
5	RTD192105	Praktikum Rangkaian Listrik <i>Electrical Circuit Practicum</i>	0	2	2	0	4	4
6	RTD192106	Praktikum Teknik dan Jaringan Komputer <i>Technique and Computer Network Practicum</i>	0	3	3	0	6	6
7	RTD192107	Praktikum Teknik Digital <i>Digital Technique Practicum</i>	0	2	2	0	4	4
8	RTD192108	Saluran Transmisi & Gelombang Mikro <i>Microwave and Transmission Line</i>	2	0	2	2	0	2
9	RTD192109	Sistem Modulasi <i>Modulation System</i>	2	0	2	2	0	2
SUB TOTAL			8	12	20	8	24	32
PROSENTASE			40%	60%	100%	25%	75%	100%

CP: Telemonitoring dan Telekontroling berbasis Wireless Sensor Network (WSN)

No.	KODE	SEMESTER IV	SKS			JAM/MINGGU		
			TEORI	PRAKTEK	TOTAL	TEORI	PRAKTEK	TOTAL
1	RTD194001	Bahasa Inggris IV <i>English-IV Communication Skill & Presentation</i>	2	0	2	2	0	2
2	RTD194002	Pendidikan Pancasila <i>Pancasila Education</i>	2	0	2	2	0	2
3	RTD194103	Pemrograman Basis Data <i>Database Programming</i>	0	2	2	0	4	4
4	RTD194104	Praktikum Antena <i>Antenna Practicum</i>	0	2	2	0	4	4
5	RTD194105	Praktikum Elektronika Telekomunikasi <i>Telecommunication Electronics Practicum</i>	0	2	2	0	4	4
6	RTD194106	Praktikum Komunikasi Data <i>Data Communication Practicum</i>	0	2	2	0	4	4
7	RTD194107	Praktikum Mikrokontroler II <i>Practicum of Microcontroller II</i>	0	2	2	0	4	4
8	RTD194108	Praktikum Pemrosesan Sinyal <i>Signal Processing Practicum</i>	0	2	2	0	4	4
9	RTD194109	Praktikum Pengolahan Citra Digital <i>Digital Image Processing Practicum</i>	0	2	2	0	4	4
10	RTD194110	Switching & Rekeyasa Trafik	2	0	2	2	0	2

10	RTD196110	Switching & Traffic Engineering	6	14	20	6	28	34
SUB TOTAL			6	14	20	6	28	34
PROSENTASE			30%	70%	100%	18%	82%	100%

CP: Teknologi seluler

No.	KODE	SEMESTER VI	SKS			JAM/MINGGU		
			TEORI	PRAKTEK	TOTAL	TEORI	PRAKTEK	TOTAL
1	RTD196001	Pendidikan Agama	2	0	2	2	0	2
		<i>Religious Education</i>						
2	RTD196102	Desain Proyek	0	3	3	0	6	6
		<i>Project Design</i>						
3	RTD196103	Metodologi Penelitian dan Pra Skripsi	0	2	2	0	4	4
		<i>Pra-final project and Research Method</i>						
4	RTD196104	Praktikum Jaringan Komunikasi Seluler	0	3	3	0	6	6
		<i>Cellular Communication Network Practicum</i>						
5	RTD196105	Praktikum Kecerdasan Buatan	0	2	2	0	4	4
		<i>Artificial Intelligence Practicum</i>						
6	RTD196106	Praktikum Komunikasi Video & Televisi Siaran	0	2	2	0	4	4
		<i>Practicum of Video Communication and Television Broadcast</i>						
7	RTD196107	Praktikum Sistem Komunikasi Fiber Optik	0	2	2	0	4	4
		<i>Practicum of Fiber Optic Communication Systems</i>						
8	RTD196108	Praktikum Sistem Komunikasi Radio	0	2	2	0	4	4
		<i>Practicum of Radio Communication System</i>						
9	RTD196109	Sistem Komunikasi Satelit & Radar	2	0	2	2	0	2
		<i>Satellite & Radar Communication Systems</i>						
SUB TOTAL			4	16	20	4	32	36
PROSENTASE			20%	80%	100%	11%	89%	100%

CP: Kemampuan dibidang ICT

No.	KODE	SEMESTER VIII	SKS			JAM/MINGGU		
			TEORI	PRAKTEK	TOTAL	TEORI	PRAKTEK	TOTAL
1	RTD198101	Skripsi	0	12	12	0	24	24
		<i>Undergraduate Thesis</i>						
SUB TOTAL			0	12	12	0	24	24
PROSENTASE			0%	100%	100%	0%	100%	100%

CHECK TOT	58	86	144	40	54	94
CHECK PRC	40%	60%	100%	43%	57%	100%