

**Penyusunan MBKM: 26 Agustus 2021**

**KURIKULUM MERDEKA BELAJAR - KAMPUS MERDEKA (MBKM)  
D4 JARINGAN TELEKOMUNIKASI DIGITAL - JURUSAN TEKNIK ELEKT  
DIIMPLEMENTASIKAN UNTUK MAHASISWA BARU  
TAHUN AKADEMIK 2021/2022**

**SEMESTER I**

NO	KODE MK	NAMA MK	JENIS MK	SKS / MINGGU		
				T	P	TOTAL
1	RTD211001	Bahasa Inggris I <i>English-I</i>	Teori	2	0	2
2	RTD211002	Pendidikan Kewarganegaraan <i>Citizenship Education</i>	Teori	2	0	2
3	RTD211003	QMS <i>Quality Management System</i>	Teori	2	0	2
4	RTD211104	Matematika Teknik I <i>Engineering Mathematics I</i>	Teori	2	0	2
5	RTD211105	Workshop Alat Ukur dan Pengukuran <i>Workshop of Instrumentation and Measurement</i>	Praktikum	1	1	2
6	RTD211106	Bengkel Elektromekanik <i>Electromechanics Workshop</i>	Praktikum	0	3	3
7	RTD211107	Dasar Teknik Elektronika <i>Electronic Devices and Engineering</i>	Teori	2	0	2
8	RTD211108	Rangkaian Listrik <i>Electrical Circuit</i>	Teori	3	0	3
9	RTD211109	Teknik Digital <i>Digital Technique</i>	Teori	3	0	3
10	RTD211110	Dasar Sistem Telekomunikasi <i>Basic Telecommunications System</i>	Teori	3	0	3
<b>SUB TOTAL</b>				20	4	24
<b>PROSENTASE</b>				83%	17%	100%

## SEMESTER II

NO	KODE MK	NAMA MK	JENIS MK	SKS / MINGGU		
				T	P	TOTAL
1	RTD212101	Matematika Teknik II	Teori	2	0	2
		<i>Engineering Mathematics II</i>				
2	RTD212102	Medan Elektromagnetik	Teori	2	0	2
		<i>Electromagnetic Field</i>				
3	RTD212103	Workshop Pemrograman Komputer	Praktikum	0	2	2
		<i>Workshop of Computer Programming</i>				
4	RTD212104	Praktikum Dasar Teknik Elektronika	Praktikum	0	2	2
		<i>Practicum of Electronic Devices and Engineering</i>				
5	RTD212105	Praktikum Rangkaian Listrik	Praktikum	0	2	2
		<i>Practicum of Electrical Circuit</i>				
6	RTD212106	Workshop Teknik dan Jaringan Komputer	Praktikum	0	3	3
		<i>Workshop of Computer Engineering and Networking</i>				
7	RTD212107	Praktikum Teknik Digital	Praktikum	0	2	2
		<i>Practicum of Digital Technique</i>				
8	RTD212108	Saluran Transmisi dan Gelombang Mikro	Teori	2	0	2
		<i>Microwave and Transmission Line</i>				
9	RTD212109	Sistem Modulasi dan Multiplexing	Teori	2	0	2
		<i>Modulation System and Multiplexing</i>				
<b>SUB TOTAL</b>				8	11	19
<b>PROSENTASE</b>				42%	58%	100%

## SEMESTER III

NO	KODE MK	NAMA MK	JENIS MK	SKS / MINGGU		
				T	P	TOTAL
1	RTD213001	Bahasa Inggris II	Teori	2	0	2
		<i>English-II</i>				
2	RTD213002	Pendidikan Agama	Teori	2	0	2
		<i>Religious Education</i>				
3	RTD213103	Workshop Metode Numerik	Praktikum	0	1	1
		<i>Workshop of Numerical Method</i>				

4	RTD213104	Antena	Teori	2	0	2
		<i>Antenna</i>				
5	RTD213105	Pemrosesan Sinyal Digital	Teori	2	0	2
		<i>Digital Signal Processing</i>				
6	RTD213106	Workshop Rekayasa Trafik	Praktikum	1	1	2
		<i>Workshop of Traffic Engineering</i>				
7	RTD213107	Workshop Mikrokontroler	Praktikum	1	2	3
		<i>Workshop of Microcontroller</i>				
8	RTD213108	IoT dan WSN	Teori	2	0	2
		<i>IoT and WSN</i>				
9	RTD213109	Praktikum Saluran Transmisi dan Gelombang Mikro	Praktikum	0	2	2
		<i>Practicum of Transmission Line and Microwave</i>				
10	RTD213110	Praktikum Sistem Modulasi dan Multiplexing	Praktikum	0	2	2
		<i>Practicum of Modulation System and Multiplexing</i>				
<b>SUB TOTAL</b>				12	8	20
<b>PROSENTASE</b>				60%	40%	100%

#### SEMESTER IV

NO	KODE MK	NAMA MK	JENIS MK	SKS / MINGGU		
				T	P	TOTAL
1	RTD214001	Bahasa Inggris III	Praktikum	0	1	1
		<i>English-III</i>				
2	RTD214002	Pendidikan Pancasila	Teori	2	0	2
		<i>Pancasila Education</i>				
3	RTD214103	Jaringan Telekomunikasi	Teori	2	0	2
		<i>Telecommunication Network</i>				
4	RTD214104	Workshop Elektronika Telekomunikasi	Praktikum	1	1	2
		<i>Practicum of Telecommunication Electronics</i>				
5	RTD214105	Workshop Pengolahan Citra	Praktikum	1	2	3
		<i>Workshop of Image Processing</i>				
6	RTD214106	Praktikum Antena	Praktikum	0	2	2
		<i>Practicum of Antenna</i>				
7	RTD214107	Praktikum Pemrosesan Sinyal Digital	Praktikum	0	2	2
		<i>Practicum of Digital Signal Processing</i>				

8	RTD214108	Praktikum IoT dan WSN	Praktikum	0	2	2
		<i>Practicum of IoT and WSN</i>				
9	RTD214109	Workshop Sistem Keamanan Jaringan	Praktikum	1	1	2
		<i>Workshop of Network Security System</i>				
<b>SUB TOTAL</b>				7	11	18
<b>PROSENTASE</b>				39%	61%	100%

### SEMESTER V

NO	KODE MK	NAMA MK	JENIS MK	SKS / MINGGU		
				T	P	TOTAL
1	RTD215001	Kewirausahaan	Teori	2	0	2
		<i>Entrepreneurship</i>				
2	RTD215102	Keselamatan dan Kesehatan Kerja	Teori	2	0	2
		<i>Occupational Health and Safety</i>				
3	RTD215103	Praktikum Jaringan Telekomunikasi	Praktikum	0	2	2
		<i>Practicum of Telecommunication Network</i>				
4	RTD215104	Workshop Kecerdasan Buatan	Praktikum	1	2	3
		<i>Workshop of Artificial Intelligence</i>				
5	RTD215105	Komunikasi Video dan Televisi Siaran	Teori	2	0	2
		<i>Video Communication and Broadcast Television</i>				
6	RTD215106	Workshop Pemrograman Aplikasi Mobile	Praktikum	1	2	3
		<i>Workshop of Mobile Application Programming</i>				
7	RTD215107	Sistem Komunikasi Seluler	Teori	2	0	2
		<i>Cellular Communication System</i>				
8	RTD215108	Sistem Komunikasi Fiber Optik	Teori	2	0	2
		<i>Fiber Optic Communication System</i>				
9	RTD215109	Sistem Komunikasi Radio	Teori	2	0	2
		<i>Radio Communication System</i>				
<b>SUB TOTAL</b>				14	6	20
<b>PROSENTASE</b>				70%	30%	100%

### SEMESTER VI

NO	KODE MK	NAMA MK	JENIS MK	SKS / MINGGU		
				T	P	TOTAL

1	RTD216001	Bahasa Indonesia	Teori	2	0	2
		<i>Indonesian Language</i>				
2	RTD216102	Desain Proyek	Praktikum	0	2	2
		<i>Project Design</i>				
3	RTD216103	Pra skripsi	Praktikum	0	2	2
		<i>Pra Final Project</i>				
4	RTD216104	Metodologi Penelitian	Teori	1	0	1
		<i>Research Method</i>				
5	RTD216105	Praktikum Sistem Komunikasi Seluler	Praktikum	0	2	2
		<i>Practicum of Cellular Communication System</i>				
6	RTD216106	Praktikum Komomunikasi Video dan TV Siaran	Praktikum	0	2	2
		<i>Practicum of Video Communication &amp; Broadcast Television</i>				
7	RTD216107	Praktikum Sistem Komunikasi Fiber Optik	Praktikum	0	2	2
		<i>Practicum of Optical Fiber Communication System</i>				
8	RTD216108	Praktikum Sistem Komunikasi Radio	Praktikum	0	2	2
		<i>Practicum of Radio Communication System</i>				
9	RTD216109	Sistem Komunikasi Satelit	Teori	2	0	2
		<i>Satellite Communication System</i>				
10	RTD216201	Sistem Telekomunikasi Lanjut	Teori	2	0	2
		<i>Advanced Telecommunication System</i>				
11	RTD216202	Jaringan Ad-Hoc Nirkabel	Teori	2	0	2
		<i>Ad-Hoc Wireless Network</i>				
<b>SUB TOTAL</b>				<b>7</b>	<b>12</b>	<b>19</b>
<b>PROSENTASE</b>				<b>37%</b>	<b>63%</b>	<b>100%</b>

### SEMESTER VII

NO	KODE MK	NAMA MK	JENIS MK	SKS / MINGGU		
				T	P	TOTAL
1	RTD217201	Magang Industri	Praktikum	0	20	20
		<i>Industrial Internship</i>				
2	RTD217202	Praktek Kerja Lapangan	Praktikum	0	10	10
		<i>On The Job Training</i>				
3	RTD217203	Pembelajaran di luar Kampus/ 8 pilar	Praktikum	0	10	10
		<i>Off campus Learning</i>				

<b>SUB TOTAL</b>	0	20	20
<b>PROSENTASE</b>	0%	100%	100%

### SEMESTER VIII

NO	KODE MK	NAMA MK	JENIS MK	SKS / MINGGU		
				T	P	TOTAL
1	RTD218001	Bahasa Inggris IV <i>English-IV</i>	Praktikum	0	1	1
2	RTD218002	Etika dan Profesi <i>Ethics and Profession</i>	Teori	2	0	2
3	RTD218103	Skripsi <i>Undergraduate Thesis</i>	Praktikum	0	8	8
4	RTD218201	Teknik Radar <i>Radar Technique</i>	Teori	2	0	2
5	RTD218202	Navigasi dan Avionik <i>Navigation and Avionic</i>	Teori	2	0	2
<b>SUB TOTAL</b>				4	9	13
<b>PROSENTASE</b>				31%	69%	100%

Jumlah Minggu efektif

16

tidak termasuk UAS

	Total Semester I - VIII:	<b>72</b>	<b>81</b>	<b>153</b>
	<i>Percentage:</i>	<b>47%</b>	<b>53%</b>	<b>100%</b>

TOTAL JAM TEORI :	<b>1632</b>
TOTAL JAM PRAKTEK:	<b>2832</b>
TOTAL JAM:	<b>4464</b>

Malang, 15 Oktober 2  
KPS D4 Jaringan Telel

M. Nanak Zakaria, S.T  
NIP. 19710611199903

PRO

JAM / MINGGU		
T	P	TOTAL
2	0	2
2	0	2
2	0	2
3	0	3
2	3	5
0	6	6
3	0	3
4	0	4
4	0	4
4	0	4
26	9	35
74%	26%	100%



JAM / MINGGU		
T	P	TOTAL
3	0	3
3	0	3
0	4	4
0	4	4
0	4	4
0	6	6
0	4	4
3	0	3
3	0	3
12	22	34
35%	65%	100%

JAM / MINGGU		
T	P	TOTAL
2	0	2
2	0	2
0	3	3

3	0	3
3	0	3
2	3	5
2	4	6
3	0	3
0	4	4
0	4	4
17	18	35
49%	51%	100%

JAM / MINGGU		
T	P	TOTAL
0	3	3
2	0	2
3	0	3
2	3	5
2	4	6
0	4	4
0	4	4

0	4	4
2	3	5
11	25	36
31%	69%	100%

JAM / MINGGU		
T	P	TOTAL
2	0	2
3	0	3
0	4	4
2	4	6
3	0	3
2	4	6
3	0	3
3	0	3
3	0	3
21	12	33
64%	36%	100%

JAM / MINGGU		
T	P	TOTAL

2	0	2
0	4	4
0	4	4
2	0	2
0	4	4
0	4	4
0	4	4
0	4	4
0	4	4
3	0	3
3	0	3
3	0	3
10	24	34
29%	71%	100%

JAM / MINGGU		
T	P	TOTAL
0	40	40
0	20	20
0	20	20

0	40	40
0%	100%	100%

JAM / MINGGU		
T	P	TOTAL
0	3	3
2	0	2
0	24	24
3	0	3
3	0	3
5	27	32
16%	84%	100%

<b>102</b>	<b>177</b>	<b>279</b>
<b>37%</b>	<b>63%</b>	<b>100%</b>

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komunikasi Digital

L. M.T  
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