

STRUKTUR KURIKULUM PROGRAM STUDI BROADBAND MULTIMEDIA 2020

SEMESTER 1

NO	KODE MK	MATA KULIAH/SUBJECT	SKS		
			TEORI	PRAKTIK	TOTAL
1	PNJ1101	Pendidikan Agama/Religious Education	2	0	2
2	PNJ1102	Bahasa Indonesia/Indonesian Language	2	0	2
3	PNJ1103	Pendidikan Pancasila / Pancasila Education	2	0	2
4	BMM1104	Matematika Dasar/ Basic Mathematics	2	0	2
5	BMM1205	Bengkel Elektronika/Electronics workshop	0	1	1
6	BMM1306	Algoritma dan Pemrograman/Algorithms and Programming	1	1	2
7	BMM1307	Teknik Digital /Digital Technique	2	1	3
8	BMM1308	Rangkaian Listrik/ Electrical Circuits	2	1	3
9	BMM1309	Sistem Telekomunikasi/ Telecommunication Systems	2	1	3
TOTAL			15	5	20

SEMESTER 2

NO	KODE MK	MATA KULIAH/SUBJECT	SKS		
			TEORI	PRAKTIK	TOTAL
1	BMM2101	Matematika 2/ Mathematics 2	3	0	3
2	BMM2102	Medan Elektromagnetik/Electromagnetic field	3	0	3
3	BMM2103	Disain dan Realisasi Rangkaian Digital/Design and Realization of Digital Circuits	1	1	2
4	BMM2204	Elektronika Analog/Analog Electronics	2	1	3
5	BMM2205	Aplikasi Teknik Komputer/ Computer Engineering Application	1	1	2
6	BMM2106	Bahasa Inggris/ English Language	2	0	2
7	BMM2307	Multimedia dan Authoring Tools/Multimedia and Authoring Tools	1	1	2
8	BMM2308	Pemrograman Berorientasi Obyek/ Object Oriented Programming	2	1	3
TOTAL			15	5	20

SEMESTER 3

NO	KODE MK	MATA KULIAH/SUBJECT	SKS		
			TEORI	PRAKTIK	TOTAL
1	BMM3101	Matematika Teknik/Engineering Mathematics	2	0	2
2	BMM3102	Teknik Penyambungan dan Rekayasa Traffik/Switching Technique and Traffic Engineering	3	0	3
3	BMM3103	Antena dan Propagasi/Antenna and Propagation	3	0	3
4	BMM3304	Desain dan Realisasi Rangkaian Analog/Design and Realization of Analog Circuits	1	1	2
5	BMM3305	Elektronika Telekomunikasi/ Telecommunication Electronics	2	1	3
6	BMM3106	Komputasi dan Komunikasi Multimedia/ Computing and Multimedia Communication	1	1	2
7	BMM3307	Sistem Mikroprosesor/Microprocessor System	1	1	2
8	BMM3308	Sistem Transmisi/Transmission System	2	1	3
TOTAL PER MINGGU			15	5	20

SEMESTER 4

NO	KODE MK	MATA KULIAH/SUBJECT	SKS		
			TEORI	PRAKTIK	TOTAL
1	BMM4101	Bahasa Inggris Teknik/English for Engineering	2	0	2
2	BMM4102	Protokol dan Pensinyalan/Protocol and Signaling	3	0	3
3	BMM4103	Sistem Komunikasi Serat Optik/Optical Fiber Communication System	3	0	3
4	BMM4304	Komunikasi Data /Data communication	1	1	2
5	BMM4305	Perancangan dan Pabrikasi Antena/Design and Fabrication of Antenna	2	1	3
6	BMM4306	Pemrograman Web dan Basis Data/ Web Programming and Database	1	1	2
7	BMM4307	Pengolahan Signal Digital/ Digital Signal Processing	2	1	3
8	BMM4308	Sistem Mikrokontroler/Microcontroller System	1	1	2
TOTAL PER MINGGU			15	5	20

SEMESTER 5

NO	KODE MK	MATA KULIAH/SUBJECT	SKS		
			TEORI	PRAKTIK	TOTAL
1	PNJ5101	Pendidikan Kewarganegaraan/ Civic Education	2	0	2
2	BMM5102	Kecerdasan Buatan (Artificial Intelligence)	1	1	2
3	BMM5103	Sistem Komunikasi Selular 1/Cellular Communication System 1	3	0	3
4	BMM5304	Aplikasi Bergerak/ Mobile Application	1	1	2
5	BMM5305	Sistem Operasi/Operating System	2	1	3
6	BMM5306	Komunikasi Radio dan Satelit/Radio and Satellite Communications	2	1	3
7	BMM5307	Perancangan Jaringan Serat Optik/Optical Fiber Network Design	1	1	2
8	BMM5308	Sistem Embeded/ Embedded System	2	1	3
TOTAL PER MINGGU			14	6	20

SEMESTER 6

NO	KODE MK	MATA KULIAH/SUBJECT	SKS		
			TEORI	PRAKTIK	TOTAL
1	BMM6101	Manajemen Proyek / Project Management	3	0	3
2	BMM6102	Sistem Komunikasi Selular 2/Cellular Communication System 2	3	0	3
3	BMM6303	Komputasi Pervasif/Pervasive Computing	1	1	2
4	BMM6304	Teknik Kompresi Data/ Data Compression Technique	1	1	2
5	BMM6305	Jaringan Komunikasi Broadband / Broadband Communication Network	2	1	3
6	BMM6306	Keamanan dan Keandalan Jaringan / Network Security and Reliability	1	1	2
7	BMM6307	Optimasi Jaringan/ Network Optimization	1	1	2
8	BMM6308	Komputasi Awan dan <i>Big Data</i> / Cloud Computing and Big Data	2	1	3
TOTAL PER MINGGU			14	6	20

SEMESTER 7

NO	KODE MK	MATA KULIAH/SUBJECT	SKS		
			TEORI	PRAKTIK	TOTAL
		MAGANG INDUSTRI (MBKM)			
		Hard Skill			
1	BMM7301	Analisis Data (Data Analysis)	1	2	3
2	BMM7302	Keselamatan dan Kesehatan Kerja (Occupational Health and Safety)	1	2	3
3	BMM7303	Metode Riset (Research Methodology)	1	2	3
4	BMM7304	Implementasi Project dan Pemecahan Masalah (Project Implementation and Problem Solving)	1	2	3
		Soft Skill			
5	BMM7305	Berpikir kritis dan kreatif (Critical and Creative Thinking)	1	2	3
6	BMM7306	Membangun Relasi Komunikasi (Networking)	1	1	2
7	BMM7307	Kepemimpinan (Leadership)	1	2	3
		TOTAL PER MINGGU	7	13	20

SEMESTER 8

NO	KODE MK	MATA KULIAH/SUBJECT	SKS		
			TEORI	PRAKTIK	TOTAL
1	BMM8201	Program Pilihan MBKM	0	7	7
		Bina Desa/KKN			
		Project Independent			
		Pertukaran Pelajar			
2	BMM8302	Skripsi /Bachelor Thesis	2	4	6
		TOTAL PER MINGGU	2	11	13