

Data Kurikulum Program Studi

Tahun Kurikulum : 2023

Semester 1		
Kode	Mata Kuliah / Inggris	SKS
UG234914	Bahasa Inggris <i>English</i>	2
VW231902	Fisika Terapan <i>Applied Physics</i>	3
VN231102	Ilmu Bahan <i>Materials Science</i>	2
VW231901	Matematika <i>Mathematics</i>	3
VN231101	Menggambar Teknik <i>Engineering Drawing</i>	3
VN231104	Pengukuran Teknik <i>Measurement Techniques</i>	3
VN231103	Statika <i>Statics</i>	2
Total SKS		18

Semester 2		
Kode	Mata Kuliah / Inggris	SKS
VN231206	Bahan Teknik <i>Engineering Materials</i>	2
UG234912	Bahasa Indonesia <i>Indonesian</i>	2
VW231903	Kimia Terapan <i>Applied Chemistry</i>	3
VN231208	Kinematika dan Dinamika <i>Kinematics & Dynamics</i>	3
VN231209	Mekanika Kekuatan Material <i>Mechanics of Material</i>	2
VN231205	Menggambar Mesin <i>Mechanical Drawing</i>	3
VN231207	Termodinamika <i>Thermodynamics</i>	3
Total SKS		18

Semester 3		
Kode	Mata Kuliah / Inggris	SKS
VN231310	Computer Aided Drawing <i>Computer Aided Drawing</i>	3
VN231313	Elemen Mesin 1 <i>Machine Elements 1</i>	3
VN231311	Mekanika Fluida <i>Fluid Mechanics</i>	3
VN231314	Mekatronika <i>Mechatronics</i>	3
VN231316	Mesin-mesin Listrik <i>Electrical Machines</i>	2
VN231312	Perpindahan Panas <i>Heat Transfer</i>	3
VN231315	Proses Manufaktur <i>Manufacturing Process</i>	3
Total SKS		20

Semester 4		
Kode	Mata Kuliah / Inggris	SKS
VN231419	Elemen Mesin 2 <i>Machine Elements 2</i>	3
VN231422	Energi Baru Terbarukan 1 <i>Renewable Energy 1</i>	3
VN231423	K3L <i>Health Safety and Environment</i>	2
VN231418	Pendingin dan AC <i>Refrigeration and Air Conditioning</i>	3
VN231420	Pompa <i>Pump</i>	3
VN231421	Sistem Hidrolik <i>Hydraulics System</i>	3
VN231417	Teknik Otomotif 1 <i>Automotive Engineering 1</i>	3
Total SKS		20

Semester 5		
Kode	Mata Kuliah / Inggris	SKS
VN231524	Energi Baru Terbarukan 2 <i>Renewable Energy 2</i>	3
VN231530	Green Vehicle <i>Green Vehicle</i>	3
VN231526	Kompresor <i>Compressor</i>	3
VN231527	Sistem Pneumatik <i>Pneumatics System</i>	3
VN231528	Teknik & Manajemen Perawatan <i>Engineering Maintenance and Management</i>	3
VN231525	Teknik Otomotif 2 <i>Automotive Engineering 2</i>	3
VN231529	Turbin <i>Turbine</i>	2
Total SKS		20

Semester 6		
Kode	Mata Kuliah / Inggris	SKS
UG234915	Kewirausahaan Berbasis Teknologi <i>Technopreneurship</i>	2
VW231905	Magang <i>Internship</i>	14
VN231631	Manajemen Proyek dan Etika <i>Project Management and Ethics</i>	3
Total SKS		19

Semester 7		
Kode	Mata Kuliah / Inggris	SKS
UG234916	Aplikasi Teknologi & Transformasi Digital <i>Applied Technology and Digital Transformation</i>	3
VN231732	Boiler <i>Boiler</i>	2
UG234913	Kewarganegaraan <i>Civics</i>	2
VN231733	Metode Komputasi <i>Computational Methods</i>	3
UG234911	Pancasila <i>Pancasila</i>	2
VN231736	Penulisan Ilmiah <i>Scientific Writing</i>	2
VN231734	Sistem Pengendalian Mesin <i>Control System and Engineering</i>	3
Total SKS		17

Semester 8		
Kode	Mata Kuliah / Inggris	SKS
UG234905	Agama Buddha <i>Buddhis Studies</i>	2
UG234904	Agama Hindu <i>Hindu Studies</i>	2
UG234901	Agama Islam <i>Islamic Studies</i>	2
UG234903	Agama Katolik <i>Catholic Studies</i>	2
UG234906	Agama Khonghucu <i>Khonghucu Studies</i>	2
UG234902	Agama Kristen <i>Christian Studies</i>	2
VN231735	Piping and Instrumentasion Diagram <i>Piping and Instrumentasion Diagram</i>	2
VN231837	Proyek Akhir <i>Final Project</i>	5
VW231904	Rekayasa Teknologi Cerdas <i>Intelligent Technology Engineering</i>	3
Total SKS		22