

TEKNIK INDUSTRI

Semester 1

| Kode | Nama Matakuliah | SKS | Sem | Sem. KRS | Wajib | Paket | Prasyarat |
|--------|---------------------------------|-----|-----|----------|-------|-------|-------------------|
| ESA113 | BAHASA INDONESIA | 2 | 1 | 11 | W | T | 🔗 |
| ESA132 | TOEFL 1 | 2 | 1 | 11 | W | T | 🔗 |
| ESA143 | MATEMATIKA | 3 | 1 | 11 | W | T | 🔗 |
| TKT100 | DASAR PERANC. & REKAYASA TEKNIK | 2 | 1 | 11 | W | T | 🔗 |
| TKT101 | Pengantar Teknik Industri | 2 | 1 | 11 | W | T | 🔗 |
| TKT102 | Dasar-dasar Kelistrikan | 2 | 1 | 11 | W | T | 🔗 |
| TKT103 | Psikologi Industri | 2 | 1 | 11 | W | T | 🔗 |
| TKT104 | Fisika 1 | 3 | 1 | 11 | W | T | 🔗 |
| TKT202 | PENGANTAR ILMU EKONOMI | 2 | 1 | 11 | W | T | 🔗 |

Semester 2

| Kode | Nama Matakuliah | SKS | Sem | Sem. KRS | Wajib | Paket | Prasyarat |
|---------|---------------------------------|-----|-----|----------|-------|-------|-------------------|
| ESA116 | AGAMA ISLAM | 2 | 2 | 12 | P | T | 🔗 |
| ESA117 | AGAMA KRISTEN | 2 | 2 | 1 | P | T | 🔗 |
| ESA118 | AGAMA KATOLIK | 2 | 2 | 12 | P | T | 🔗 |
| ESA119 | AGAMA HINDU | 2 | 2 | 12 | P | T | 🔗 |
| ESA120 | AGAMA BUDHA | 2 | 2 | 12 | P | T | 🔗 |
| ESA133 | TOEFL 2 | 2 | 2 | 12 | W | T | 🔗 |
| ESA 153 | Statistik 1 | 3 | 2 | 12 | W | T | 🔗 |
| ESA 233 | Pendidikan Agama | 2 | 2 | 12 | W | T | 🔗 |
| TKT105 | Fisika 2 | 2 | 2 | 12 | W | T | 🔗 |
| TKT106 | Praktikum Fisika 2 | 1 | 2 | 12 | W | T | 🔗 |
| TKT107 | Menggambar Teknik CAD | 2 | 2 | 12 | W | T | 🔗 |
| TKT108 | Praktikum Menggambar Teknik CAD | 1 | 2 | 12 | W | T | 🔗 |
| TKT109 | Matematika Teknik Lanjut | 3 | 2 | 12 | W | T | 🔗 |
| TKT110 | Material Teknik | 2 | 2 | 12 | W | T | 🔗 |
| TKT111 | Sistem Lingkungan Industri | 2 | 2 | 12 | W | T | 🔗 |

Semester 3

| Kode | Nama Matakuliah | SKS | Sem | Sem. KRS | Wajib | Paket | Prasyarat |
|---------|-------------------------------------|-----|-----|----------|-------|-------|-------------------|
| ESA104 | Pendidikan Pancasila | 2 | 3 | 21 | W | T | 🔗 |
| ESA 141 | Motivasi Usaha | 1 | 3 | 21 | W | T | 🔗 |
| ESA151 | ALJABAR LINIER DAN MATRIKS | 3 | 3 | 21 | W | T | 🔗 |
| ESA155 | STATISTIK 2 | 3 | 3 | 21 | W | T | 🔗 |
| TKT201 | Penelitian Operasional 1 | 3 | 3 | 21 | W | T | 🔗 |
| TKT203 | Proses Manufaktur | 2 | 3 | 21 | W | T | 🔗 |
| TKT204 | Praktikum Proses Manufaktur | 1 | 3 | 21 | W | T | 🔗 |
| TKT205 | Pemrograman Komputer | 2 | 3 | 21 | W | T | 🔗 |
| TKT206 | Praktikum Pemrograman Komputer | 1 | 3 | 21 | W | T | 🔗 |
| TKT207 | Ergonomi Perancangan Sistem Kerja 1 | 2 | 3 | 21 | W | T | 🔗 |

Semester 4

| Kode | Nama Matakuliah | SKS | Sem | Sem. KRS | Wajib | Paket | Prasyarat |
|--------|---|-----|-----|----------|-------|-------|-------------------|
| ESA101 | Pendidikan Kewarganegaraan | 2 | 4 | 22 | W | T | 🔗 |
| ESA142 | KEWIRAUSAHAAN | 2 | 4 | 22 | W | T | 🔗 |
| TKT208 | Organisasi dan Manajemen Perusaha Industri | 2 | 4 | 22 | W | T | 🔗 |
| TKT209 | Mekanika Teknik | 3 | 4 | 22 | W | T | 🔗 |
| TKT210 | Perencanaan dan Pengendalian Produk | 3 | 4 | 22 | W | T | 🔗 |
| TKT211 | Penelitian Operasional 2 | 2 | 4 | 22 | W | T | 🔗 |
| TKT212 | Praktikum Penelitian Operasional 2 | 1 | 4 | 22 | W | T | 🔗 |
| TKT213 | Ergonomi Perancangan Sistem Kerja 2 | 2 | 4 | 22 | W | T | 🔗 |
| TKT214 | Praktikum Ergonomi Perancangan Sistem Kerja 2 | 1 | 4 | 22 | W | T | 🔗 |

Semester 5

| Kode | Nama Matakuliah | SKS | Sem | Sem. KRS | Wajib | Paket | Prasyarat |
|--------|---|-----|-----|----------|-------|-------|-------------------|
| ESA134 | BUSINESS ENGLISH | 2 | 5 | 31 | W | T | 🔗 |
| IKT302 | Keselamatan dan Kesehatan Kerja Industri | 2 | 5 | 31 | W | T | 🔗 |
| IKT303 | Sistem Produksi | 3 | 5 | 31 | W | T | 🔗 |
| IKT304 | Praktikum Sistem Produksi | 1 | 5 | 31 | W | T | 🔗 |
| IKT305 | Analisis dan Estimasi Biaya | 3 | 5 | 31 | W | T | 🔗 |
| IKT306 | Perancangan Tata Letak Fasilitas | 2 | 5 | 31 | W | T | 🔗 |
| IKT307 | Praktikum Perancangan Tata Letak Fasilitas | 1 | 5 | 31 | W | T | 🔗 |
| IKT308 | Pengendalian dan Penjaminan Mutu | 3 | 5 | 31 | W | T | 🔗 |
| IKT309 | Analisis Perancangan Sistem Informasi | 2 | 5 | 31 | W | T | 🔗 |
| IKT310 | Praktikum Analisis Perancangan Sistem Informasi | 1 | 5 | 31 | W | T | 🔗 |

Semester 6

| Kode | Nama Matakuliah | SKS | Sem | Sem. KRS | Wajib | Paket | Prasyarat |
|--------|---------------------------------|-----|-----|----------|-------|-------|-------------------|
| IKT311 | Ekonomi Teknik | 2 | 6 | 32 | W | T | 🔗 |
| IKT312 | Otomasi Sistem Produksi | 2 | 6 | 32 | W | T | 🔗 |
| IKT314 | Perancangan Pengembangan Produk | 3 | 6 | 32 | W | T | 🔗 |
| IKT315 | Pemodelan Sistem | 3 | 6 | 32 | W | T | 🔗 |
| IKT316 | Pemeliharaan Rekayasa Keandalan | 2 | 6 | 32 | W | T | 🔗 |
| IKT317 | Desain Eksperimen | 2 | 6 | 3 | W | T | 🔗 |
| IKT318 | Manajemen Produk | 3 | 6 | 32 | W | T | 🔗 |
| IKT319 | Metodologi Penelitian Industri | 3 | 6 | 32 | W | T | 🔗 |

Semester 7

| Kode | Nama Matakuliah | SKS | Sem | Sem. KRS | Wajib | Paket | Prasyarat |
|--------|------------------------------------|-----|-----|----------|-------|-------|-------------------|
| TKP420 | Rekayasa Kualitas | 3 | 7 | 41 | P | T | 🔗 |
| TKP421 | Metodelogi Six Sigma | 3 | 7 | 41 | P | T | 🔗 |
| TKP422 | Metode Taguchi | 3 | 7 | 41 | P | T | 🔗 |
| TKP423 | Manajemen K3 (OHSAS) | 3 | 7 | 41 | P | T | 🔗 |
| TKP424 | Manajemen Rekayasa Industri | 3 | 7 | 41 | P | T | 🔗 |
| TKP425 | Analisis Multivariat | 3 | 7 | 41 | P | T | 🔗 |
| TKP426 | ISO SERIES | 3 | 7 | 41 | P | T | 🔗 |
| TKP427 | Pengendalian Mutu Terpadu | 3 | 7 | 41 | P | T | 🔗 |
| TKP428 | Safety Engineering | 3 | 7 | 41 | P | T | 🔗 |
| TKP429 | Manajemen Resiko Keselamatan Kerja | 3 | 7 | 4 | P | T | 🔗 |
| TKT401 | Analisis Simulasi Sistem | 2 | 7 | 41 | W | T | 🔗 |
| TKT402 | Praktikum Analisis Simulasi Sistem | 1 | 7 | 41 | W | T | 🔗 |
| TKT403 | Analisis Perancangan Perusahaan | 3 | 7 | 41 | W | T | 🔗 |
| TKT404 | Rekayasa Produktivitas | 2 | 7 | 41 | W | T | 🔗 |
| TKT405 | Perancangan Teknik Industri | 2 | 7 | 41 | W | T | 🔗 |
| TKT407 | Manajemen Rantai Pasok | 3 | 7 | 41 | W | Y | 🔗 |
| TKT410 | Kerja Praktek | 2 | 7 | 41 | W | T | 🔗 |



Semester 8

| Kode | Nama Matakuliah | SKS | Sem | Sem. KRS | Wajib | Paket | Prasyarat |
|--------|--|-----|-----|----------|-------|-------|---|
| TKP430 | Sistem Dinamis | 3 | 8 | 42 | P | T |  |
| TKP431 | Sistem Intelegent Manufaktur | 3 | 8 | 42 | P | T |  |
| TKP432 | Manajemen Transportasi | 3 | 8 | 42 | P | T |  |
| TKP433 | Sistem Persediaan dan Penjadwalan Lanjut | 3 | 8 | 42 | P | T |  |
| TKP434 | Sistem Manufaktur Fleksibel | 3 | 8 | 42 | P | T |  |
| TKP435 | Enterprise Resource Planning | 3 | 8 | 42 | P | T |  |
| TKP436 | Manajemen Resiko Perusahaan | 3 | 8 | 42 | P | T |  |
| TKP437 | Just In Time | 3 | 8 | 42 | P | T |  |
| TKP438 | Rekayasa Nilai | 3 | 8 | 42 | P | T |  |
| TKP439 | Rekayasa Proses | 3 | 8 | 42 | P | T |  |
| TKT406 | Sistem Manajemen Kualitas | 3 | 8 | 42 | W | Y |  |
| TKT411 | Skripsi / Tugas Akhir | 5 | 8 | 42 | W | T |  |

