|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Paket Matakuliah PILIHAN (latar-belakang TTI) | | | | | | |  |
| **Paket** | | |  | **Nama Mata Kuliah** | | | **SKS** |
| TTI-1 | | | Antena dan Propagasi | Antena dan Propagasi + Praktikum | | | 3 |
|  | | | Semester 5 | Saluran Transmisi | | | 2 |
|  | | |  | Sistem Transmisi dan Frekuensi Tinggi + Praktikum | | | 3 |
|  | | |  |  | | |  |
| TTI-2 | | | Jaringan Telekomunikasi (1) | Perancangan Jaringan Teresterial | | | 2 |
|  | | | Semester 5 | Jaringan Telekomunikasi Telepon | | | 2 |
|  | | |  | Sentral digital + Praktikum | | | 3 |
|  | | |  | Perangkat Lunak Telekomunikasi | | | 2 |
|  | | |  | Sistem Saluran Komunikasi Tenaga Listrik | | | 2 |
|  | | |  |  | | |  |
| TTI-3 | | | Sistem Komunikasi (1) | Komunikasi Satelit | | | 2 |
|  | | | Semester 5 | Komunikasi Digital | | | 2 |
|  | | |  | Komunikasi Serat Optik | | | 2 |
|  | | |  | Teknologi Jaringan Akses + Praktikum | | | 3 |
|  | | |  |  | | |  |
| TTI-4 | | | Sistem Elektronika Telekomunikasi (1) | Elektronika Telekomunikasi + Praktikum | | | 3 |
|  | | | Semester 5 | Sistem Elektronika Tersemat | | | 2 |
|  | | |  | Elektronika Biomedik | | | 2 |
|  | | |  |  | | |  |
| TTI-5 | | | Pengolahan Isyarat | Pengolahan Isyarat Digital | | | 2 |
|  | | | Semester 6 | Pengolahan Citra | | | 2 |
|  | | |  | Tapis Analog dan Digital | | | 2 |
|  | | |  |  | | |  |
| TTI-6 | | | Sistem Komunikasi (2) | Pemodelan dan Simulasi Sistem Telekomunikasi | | | 2 |
|  | | | Semester 6 | Kinerja Sistem Telekomunikasi | | | 2 |
|  | | |  | Radar dan Navigasi | | | 2 |
|  | | |  | Sistem Telekomunikasi Cerdas | | | 2 |
|  | | |  |  | | |  |
| TTI-7 | | | Sistem Nirkabel (1) | Komunikasi Seluler | | | 2 |
|  | | | Semester 6 | Teknologi wireless | | | 2 |
|  | | |  | Spread Spektrum | | | 2 |
|  | | |  |  | | |  |
| TTI-8 | | | Jaringan Komputer | Jaringan Komputer | | | 2 |
|  | | | Semester 6 | Komunikasi Data | | | 2 |
|  | | |  |  | | |  |
| TTI-9 | | | Jaringan Telekomunikasi (2) | Manajemen dan Regulasi Telekomunikasi | | | 2 |
|  | | | Semester 7 | Sistem Informasi Telekomunikasi | | | 2 |
|  | | |  | Rekayasa Trafik | | | 2 |
|  | | |  | Optimisasi Jaringan Telekomunikasi | | | 2 |
|  | | |  |  | | |  |
| TTI-10 | | | Sistem Nirkabel (2) | Jaringan Nirkabel | | | 2 |
|  | | | Semester 7 | Jaringan sensor Nirkabel | | | 2 |
|  | | |  | Komunikasi Seluler lanjut | | | 2 |
|  | | |  |  | | |  |
| TTI-11 | | | Teori Informasi | Teori Informasi | | | 2 |
|  | | | Semester 7 | Teori Informasi dan Pengkodean | | | 2 |
|  | | |  | Teknik Pengkodean | | | 2 |
|  | | |  |  | | |  |
| TTI-12 | | | Multimedia | Pengolahan Isyarat Multimedia + PRAKTIKUM | | | 3 |
|  | | | Semester 7 | Sistem Jaringan Multimedia | | | 2 |
| Untuk Semester 7 bisa memilih 2 dari 4 (jika disajikan): | | | | |  |
|  |  | Topik Khusus Jaringan Telekomunikasi | | | 2 |
|  |  | Topik Khusus Wireless | | | 2 |
|  |  | Topik Khusus Pengolahan Isyarat | | | 2 |
|  |  | Topik Khusus Antena | | | 2 |