**26. Program Studi Magister (S-2) Pendidikan Teknik Elektronika dan Informatika**

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| **NO.** | **KODE** | **MATA KULIAH** | **SEMESTER DAN SKS** | | | | | **JUMLAH SKS** |
| **1** | **2** | | **3** | **4** |
| **I. MATA KULIAH PONDASI KEILMUAN** | | |  |  | |  |  | **6** |
| 1. | PAS8201 | Filsafat Ilmu | 2 |  | |  |  |
| 2. | PAS8202 | Metodologi Penelitian Pendidikan | 2 |  | |  |  |
| 3. | PAS8203 | Statistika | 2 |  | |  |  |
|  | Jumlah SKS Mata Kuliah Pondasi Keilmuan | | **6** | **0** | | **0** | **0** |
| **II. MATA KULIAH KEAHLIAN PROGRAM STUDI** | | |  |  | |  |  |  |
| 1. | PTK8201 | Pengembangan Kurikulum Pendidikan dan Pelatihan Vokasional | 2 |  | |  |  | **24** |
| 2. | PTK8202 | Manajemen Pendidikan dan Pelatihan Vokasional | 2 |  | |  |  |
| 3. | PTK8203 | Model Pembelajaran Vokasional |  | 2 | |  |  |
| 4. | PTK8204 | Evaluasi Pembelajaran Vokasional |  | 2 | |  |  |
| 5. | TEI8301 | Jaringan Komputer |  | 3 | |  |  |
| 6. | TEI8302 | Sistem Informasi | 3 |  | |  |  |
| 7. | TEI8103 | Proposal Tesis |  | 1 | |  |  |
| 8. | TEI8204 | Seminar Proposal Tesis |  |  | | 2 |  |
| 9. | TEI8107 | Penulisan Karya Ilmiah |  |  | | 1 |  |
| 10. | TEI8605 | Tesis |  |  | |  | 6 |
|  | Jumlah SKS Mata Kuliah Keahlian Program Studi | | **7** | **8** | | **3** | **6** |
| **III. MATA KULIAH KONSENTRASI** | | |  |  |  | |  |  |
|  | **1. Konsentrasi Pendidikan Teknik Elektronika** | |  |  |  | |  | **6** |
| 1. | TEI8216 | Elektronika Industri |  | **2** |  | |  |
| 2. | TEI8217 | Mekatronika |  |  | **2** | |  |
| 3. | TEI8218 | Teknologi Audio-Video |  |  | **2** | |  |
|  |  |  |  |  |  | |  |
|  | **2. Konsentrasi Pendidikan Teknik Informatika** | |  |  |  | |  |
| 1. | TEI8219 | Manajemen Jaringan Komputer |  | **2** |  | |  |
| 2. | TEI8220 | Rekayasa Perangkat Lunak |  |  | **2** | |  |
| 3. | TEI8221 | Sistem Multimedia |  |  | **2** | |  |
|  |  |  |  |  |  | |  |
|  | Jumlah SKS Mata Kuliah Konsentrasi | | **0** | **2** | **4** | | **6** |
| **IV. MATA KULIAH PILIHAN PROGRAM STUDI** | | |  |  |  | |  |  |
| 1. | TEI8208 | Aplikasi Berbasis Web \*) |  | 2 |  | |  |  |
| 2. | TEI8209 | Interaksi Manusia dan Komputer \*) |  | 2 |  | |  |  |
| 3. | TEI8210 | Multimedia Pembelajaran \*) |  |  | 2 | |  |  |
| 4. | TEI8211 | Komputer Media Komunikasi \*) |  |  | 2 | |  |  |
| 5. | TEI8212 | Pengolahan Sinyal Digital \*\*) |  | 2 |  | |  | **4** |
| 6. | TEI8213 | Sistem Telekomunikasi \*\*) |  | 2 |  | |  |  |
| 7. | TEI8214 | Sistem Instrumen dan Kendali \*\*) |  |  | 2 | |  |  |
| 8. | TEI8215 | Sistem Pakar \*\*) |  |  | 2 | |  |  |
|  | Jumlah SKS Mata Kuliah Program Studi [Pilihan] | | **0** | **2** | **2** | | **0** |  |
| **JUMLAH SKS YANG DIAMBIL** | | | **13** | **12** | **9** | | **6** | **40** |
|  |  |  |  |  |  | |  |  |
| \*) Pilihan PTI | |  |  |  |  | |  |  |
| \*\*) Pilihan PTElka | |  |  |  |  | |  |  |

**V.** **MATA KULIAH MATRIKULASI**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NO.** | **KODE** | **MATA KULIAH** | **SEM & SKS** | | | | **JML SKS** |
| **MATA KULIAH MATRIKULASI** | | |  |  |  |  | **6** |
| 1. | MDK6201 | Ilmu Pendidikan | 2 |  |  |  |
| 2. | MDK6202 | Psikologi Pendidikan | 2 |  |  |  |
| 3. | KTF6208 | Pendidikan Teknik dan Kejuruan | 2 |  |  |  |
|  | Jumlah SKS Mata Kuliah Matrikulasi | | **6** | **0** | **0** | **0** |
| **JUMLAH SKS YANG DIAMBIL** | | | **6** | **0** | **0** | **0** |  |