**28. Program Studi Magister (S-2) Pendidikan Teknik Mesin**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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** | | |  |  | |  | |  | | **30** |
|  | **A. Mata Kuliah Keahlian Program Studi** | |
| 1. | PTK8201 | Managemen Pendidikan dan Pelatihan Vokasional | 2 |  | |  | |  | |
| 2. | PTK8202 | Pengembangan Kurikulum Pendidikan dan Pelatihan Vokasional |  | 2 | |  | |  | |
| 3. | PTK8203 | Model Pembelajaran Vokasional |  | 2 | |  | |  | |
| 4. | PTK8204 | Penilaian Pembelajaran Vokasional |  | 2 | |  | |  | |
| 5. | MES8301 | Teknologi Fabrikasi dan Pengelasan Logam |  |  | | 3 | |  | |
| 6. | MES8302 | Teknologi Pemesinan Konvensional | 3 |  | |  | |  | |
| 7. | MES8303 | Teknologi Perancangan dan Gambar Teknik |  | 3 | |  | |  | |
| 8. | MES8304 | Teknologi Pemesinan CNC |  | 3 | |  | |  | |
| 9. | MES8110 | Proposal Tesis |  | 1 | |  | |  | |
| 10. | MES8211 | Seminar Proposal Tesis |  |  | | 2 | |  | |
| 11. | MES8612 | Tesis |  |  | |  | | 6 | |
| 12. | MES8113 | Penulisan Karya Ilmiah |  |  | | 1 | |  | |
|  | Jumlah SKS Mata Kuliah Keahlian Program Studi | | **5** | **13** | | **6** | | **6** | |  |
| **III. Mata Kuliah Pilihan \*)** | | |  | | | | | | | **4** |
| 1. | MES8205 | Pembelajaran berbantuan komputer | 2 | |  | |  | |  |
| 2. | MES8206 | Otomasi Produksi |  | | 2 | |  | |  |
| 3. | MES8207 | Kesehatan dan Keselamatan Kerja |  | |  | | 2 | |  |
| 4. | MES8208 | Pelatihan Berbasis Kompetensi |  | |  | | 2 | |  |
| 5. | MES8209 | Asesmen Kompetensi Bidang Logam dan Mesin |  | |  | | 2 | |  |
| **TOTAL SKS YANG WAJIB DIAMBIL** | | | 13 | | 13 | | 8 | | 6 | **40** |
| 1. **MATA KULIAH MATRIKULASI \*\*)** | | |  | |  | |  | |  |  |
| 1 | MKD6201 | Ilmu Pendidikan | 2 | |  | |  | |  | **6** |
| 2 | MDK6202 | Psikologi Pendidikan | 2 | |  | |  | |  |
| 3 | MDK6208 | Pendidikan Teknologi dan Kejuruan | 2 | |  | |  | |  |
| Jumlah SKS Mata Kuliah Matrikulasi | | | 6 | |  | |  | |  |

Catatan :

\*) Mata kuliah pilihan diambil minimal 4 sks

\*\*) Mata kuliah yang harus diambil oleh mhs dari non kependidikan