FAKULTAS VOKASI
UNIVERSITAS SANATA DHARMA

**KURIKULUM TAHUN 2026**

**PROGRAM STUDI TEKNOLOGI ELEKTROMEDIS**

PROGRAM DIPLOMA TIGA

| NO | KODE | NAMA MATA KULIAH | NAMA MATA KULIAH (BAHASA INGGRIS) | SINGKATAN | JENIS | SKS | JP | KEL MK | DOSEN |
|---|---|---|---|---|---|---|---|---|---|
| **SEMESTER 1** | | | | | | | | | **Jumlah SKS: 20** |
| 1 | TEOL 101 | Pendidikan Agama | Religion Education | PA | Teori | 2 | 2 | MPK | - |
| 2 | TEM 101 | Fisika Dasar | Basic Physics | Fis | Teori | 2 | 2 | MKK | Agatha Mahardika AJ, M.Sc. |
| 3 | TEM 102 | Matematika | Mathematics | Mtk | Teori | 2 | 2 | MKK | Agatha Mahardika AJ, M.Sc. |
| 4 | TEM 103 | Kimia Klinik | Clinical Chemistry | Kimia | Teori | 2 | 2 | MKK | Agatha Mahardika AJ, M.Sc. |
| 5 | TEM 104 | Rangkaian Listrik | Electrical Circuit | RL | Praktik | 3 | 5 | MKK | Dr. Eng. Elang Parikesit, M.T. |
| 6 | TEM 106 | Sistem Komputer dan Jaringan | Computer System and Network | SKJ | Praktik | 3 | 5 | MKK | Ir. Bernardinus Sri Widodo, M.Eng. |
| 7 | TEM 108 | Gambar Elektro & Mekanik | Electrical and Mechanical Design | GEM | Praktik | 3 | 5 | MKK | Ir. Eko Arianto, M.T. |
| 8 | TEM 109 | Bahasa Pemrograman | Programming Language | BP | Praktik | 3 | 5 | MKK | Ir. Bernardinus Sri Widodo, M.Eng. |
| **SEMESTER 2** | | | | | | | | | **Jumlah SKS: 20** |
| 1 | KEBN 101 | Pendidikan Pancasila | Pancasila Education | PP | Teori | 2 | 2 | MPK | - |
| 2 | KEBN 102 | Pendidikan Kewarganegaraan | Civics Education | PKN | Teori | 2 | 2 | MPK | Heri Setyawan, S.J. |
| 3 | TEM 201 | Anatomi dan Fisiologi | Anatomy and Physiology | Anatomi Fisiolo | Teori | 2 | 2 | MKK | Ir. Bernardinus Sri Widodo, M.Eng. |
| 4 | TEM 202 | Mekatronika Medis | Medical Mechatronics | Meka Med | Praktik | 3 | 5 | MKK | Ir. Hendro Noviyanto, M.T. |
| 5 | TEM 204 | Elektronika Dasar | Basic Electronics | ELDAS | Praktik | 3 | 5 | MKK | Agatha Mahardika AJ, M.Sc. |
| 6 | TEM 205 | Teknik Tenaga Listrik | Electric Power | Teknik TL | Praktik | 3 | 5 | MKK | Ir. Hendro Noviyanto, M.T. |
| 7 | TEM 206 | Teknik Digital | Digital Electronics | Digital | Praktik | 3 | 5 | MKK | Ir. Nugroho Budi Wicaksono, M.T. |
| 8 | TEM 208 | Keselamatan Keamanan Peralatan Kesehatan | Medical Equipment Safety and Security | KKPK | Teori | 2 | 2 | MPB | Ir. Bernardinus Sri Widodo, M.Eng. |
| **SEMESTER 3** | | | | | | | | | **Jumlah SKS: 23** |
| 1 | BING 101 | Bahasa Inggris | English Language | BIng | Praktik | 3 | 3 | MPK | |
| 2 | TEM 301 | Etika Profesi | Professional Ethics | Etika | Teori | 2 | 2 | MPB | |
| 3 | TEM 302 | Manajemen Pemelihaan Peralatan Rumah Sakit | Hospital Equipment Maintenance Management | MPP RS | Teori | 2 | 2 | MPB | Ir. Bernardinus Sri Widodo, M.Eng. |
| 4 | TEM 304 | Sensor & Transduser | Sensor and Transducer | Sensor | Praktik | 3 | 5 | MKK | Ir. Hendro Noviyanto, M.T. |
| 5 | TEM 305 | Teknik Kendali Mekatronika | Mechatronics Control | TKM | Praktik | 3 | 5 | MKK | Dr. Eng. Elang Parikesit, M.T. |
| 6 | TEM 306 | Mikrokontroler | Microcontroller | Mikro | Praktik | 3 | 5 | MKK | Ir. Hendro Noviyanto, M.T. |
| 7 | TEM 407 | Peralatan Laboratorium Klinik | Clinical Laboratory Equipment | PLK | Praktik | 3 | 5 | MKB | Ir. Nugroho Budi Wicaksono, M.T. |
| 8 | TEM 508 | Peralatan Life Support | Life Support Equipment | PLS | Praktik | 3 | 5 | MKB | Ir. Hendro Noviyanto, M.T. |

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PROGRAM DIPLOMA TIGA

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|---|---|---|---|---|---|---|---|---|---|
| **SEMESTER 4** | | | | | | | | | **Jumlah SKS: 20** |
| 1 | BIND 101 | Bhs Indonesia | Indonesian Language | Bind | Praktik | 3 | 3 | MPK | Rishe Purnama Dewi |
| 2 | TEM 401 | Elektronika Terapan | Applied Electronics | Elektro ter | Praktik | 3 | 5 | MKK | Ir. Nugroho Budi Wicaksono, M.T. |
| 3 | TEM 408 | Peralatan Terapi | Therapeutic Equipment | PT | Praktik | 3 | 5 | MKB | Ir. Eko Arianto, M.T. |
| 4 | TEM 404 | Peralatan Diagnostik Dasar | Basic Diagnostic Equipment | Per Diag Dasar | Praktik | 3 | 5 | MKB | Ir. Eko Arianto, M.T. |
| 5 | TEM 409 | Peralatan Radiologi Dasar | Basic Radiology Equipment | PRD | Praktik | 3 | 5 | MKB | Agatha Mahardika AJ, M.Sc. |
| 6 | TEM 501 | Kewirausahaan dan Manajemen Bisnis Alat Medis | Entrepreneurship and Business Management of Medical Equipment | Kewirausahaan | Teori | 2 | 2 | MKK | Ir. Eko Arianto, M.T. |
| 7 | TEM 509 | Peralatan Bedah & Anestesi | Surgery & Anaesthesy Equipment | PBA | | 3 | 5 | MKB | Ir. Eko Arianto, M.T. |
| **SEMESTER 5** | | | | | | | | | **Jumlah SKS: 20** |
| 1 | TEM 513 | Magang | Internship | Magang | Praktik Lapangan | 20 | 20 | MPB | Ir. Bernardinus Sri Widodo, M.Eng. |
| **SEMESTER 6** | | | | | | | | | **Jumlah SKS: 20** |
| 1 | TEM 308 | Sistem Jaringan Rumah Sakit | Hospital Network Systems | SJRS | Praktik | 3 | 5 | MKK | Ir. Bernardinus Sri Widodo, M.Eng. |
| 2 | TEM 406 | Pemrograman Alat Medis | Medical Equipment Programming | PAM | Praktik | 3 | 5 | MKK | Ir. Hendro Noviyanto, M.T. |
| 3 | TEM 603 | Tugas Akhir | Final Project | TA | Tugas Akhir | 4 | 12 | MPB | Ir. Bernardinus Sri Widodo, M.Eng. |

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| **TOTAL SKS LULUS** | **112** |

Keterangan:

1. Kurikulum ini diberlakukan mulai Semester Gasal Tahun Akademik 2026/ 2027
2. Nama Kelompok Mata Kuliah

| | | |
|---|---|---|
| MPK | Pengembangan Kepribadian | Personality Development |
| MKK | Keilmuan dan Ketrampilan | Science and Skill |
| MKB | Keahlian Berkarya | Functional Expertise |
| MPB | Perilaku Berkarya | Functional Behaviour |

3. PL Praktik Lapangan
4. TA Tugas Akhir

| **JUMLAH SKS** | |
|---|---|
| **SMT 1** | **20** |
| **SMT 2** | **20** |
| **SMT 3** | **22** |
| **SMT 4** | **20** |
| **SMT 5** | **20** |
| **SMT 6** | **10** |
| | **112** |