



UNIVERSITAS DIPONEGORO
FAKULTAS TEKNIK
PORTOFOLIO MATA KULIAH

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| Program Studi | : : S1-TEKNIK ELEKTRO |
| Kode>Nama Mata Kuliah | : : LTEL6416 - Perancangan Aplikasi Tegangan Tinggi |
| SKS | : 2 |
| Mata Kuliah Prasyarat | : |
| Semester | : : Genap Tahun Ajaran : : 2022 |
| Dosen Pengampu | : Dr. Ir. Abdul Syakur, S.T., M.T., IPU. |

Diperiksa oleh,
Ketua GPM,

Semarang,
Koordinator/Dosen Pengampu,

Teguh Prakoso, PhD
197706222010121001

Dr. Ir. Abdul Syakur, S.T., M.T., IPU.
NIP. 197204221999031004

Disahkan oleh,
Dekan Fakultas Teknik

Disetujui oleh,
Ketua Program Studi

Prof. Ir. M. Agung Wibowo, MM, M.Sc., Ph.D
NIP. 19670208 199403 1 005

Munawar A Riyadi, PhD
NIP. 197708262006041001

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|--|----------------------------|----------------------|---------------|
| No. Dokumen | : PFM/S1.TE-FT-UNDIP/..... | Revisi ke- / Tanggal | : 00/ddmmyyyy |
| Tanggal Terbit | : | Halaman | : |
| PERINGATAN | | | |
| Dokumen ini adalah milik Fakultas Teknik Universitas Diponegoro dan TIDAK DIPERBOLEHKAN dengan cara dan alasan apapun membuat salinan tanpa seijin Dekan | | | |
| Alamat: Jl. Prof. Soedharto, SH, Tembalang, Semarang, Jawa Tengah, Indonesia, 50275 Telp: (024) 7460053; Fax: (024) 7460055 Email: teknik@undip.ac.id; Website: http://ft.undip.ac.id/ | | | |

| | | RENCANA PEMBELAJARAN SEMESTER | | | | | | | | | | |
|---|-------|--|------|------|------|-------|-------|------|------------|-------|------|-------|
| | | PROGRAM STUDI : S1-TEKNIK ELEKTRO FAKULTAS TEKNIK UNIVERSITAS DIPONEGORO | | | | | | | | | | |
| Mata Kuliah | | LTEL6416 - Perancangan Aplikasi Tegangan Tinggi | | | | Beban | 2 SKS | | Semester : | Genap | | |
| Prasyarat | | | | | | | | | | | | |
| Dosen Pengampu | | Dr. Ir. Abdul Syakur, S.T., M.T., IPU. / / | | | | | | | | | | |
| Capaian Pembelajaran Lulusan (CPL) | | [CPL3]Memiliki keahlian dalam merancang dan eksplorasi percobaan di laboratorium maupun di lapangan serta menganalisis hasilnya guna memperkuat penilaian. (EXPERIMENTAL EXPLORATION) [CPL4]Memiliki pengetahuan yang memadai dalam mengidentifikasi, merumuskan dan menganalisis serta menyelesaikan masalah atau memberikan penyelesaian alternatif dalam bidang elektro atau keahliannya. (TECHNICAL ANALYSIS) | | | | | | | | | | |
| Capaian Pembelajaran Mata Kuliah (CPMK) | | CPMK3 CPMK3 CPMK4 CPMK 4 | | | | | | | | | | |
| Matriks CPL-CPMK | | | CPL1 | CPL2 | CPL3 | CPL4 | CPL5 | CPL6 | CPL7 | CPL8 | CPL9 | CPL10 |
| | CPMK1 | | | | | | | | | | | |
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| Minggu ke | Kemampuan Akhir tiap tahapan pembelajaran / Sub CPMK | Bahan Kajian/ Pokok Bahasan | Metode Pembelajaran | Waktu | Pengalaman Belajar Mahasiswa | Penilaian | |
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RENCANA PEMBELAJARAN SEMESTER
PROGRAM STUDI : S1-TEKNIK ELEKTRO
FAKULTAS TEKNIK UNIVERSITAS DIPONEGORO

MATA KULIAH
: LTEL6416 - PERANCANGAN APLIKASI TEGANGAN TINGGI

| PENGESAHAN | | |
|---|---|--|
| Disiapkan Oleh: Dosen Pengampu | Diperiksa Oleh: Tim GPM | Disahkan Oleh: Kaprodik |
| Dr. H. Abdul Syakur, S.T., M.T., NIP. 197204221999031004 | Teguh Prakoso, PhD NIP. 197706222010121001 | Munawar A Riyadi, PhD NIP. 197708262006041001 |

Riwayat Revisi Dokumen

| | | | |
|--|--|---------------------|--|
| No. Dokumen | | No./ Tanggal revisi | |
| Tanggal Terbit | | Halaman | |
| <p style="text-align: center;">PERINGATAN</p> <p style="text-align: center;">Dokumen ini adalah milik Fakultas Teknik Universitas Diponegoro dan TIDAK DIPERBOLEHKAN dengan cara dan alasan apapun membuat salinan tanpa seijin Dekan</p> | | | |
| <p style="text-align: center;">Alamat: Jl. Prof. Soedharto, SH, Tembalang, Semarang, Jawa Tengah, Indonesia, 50275 Telp: (024) 7460053; Fax: (024) 7460055 Email: teknik@undip.ac.id; Website: http://ft.undip.ac.id/</p> | | | |

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| | PROGRAM STUDI : S1-TEKNIK ELEKTRO | | |
| | FAKULTAS TEKNIK UNIVERSITAS DIPONEGORO | | |
| | KONTRAK PERKULIAHAN | | |
| | Mata Kuliah | LTEL6416 - Perancangan Aplikasi Tegangan Tinggi | |
| | Tahun Ajaran | 2022/2023 | Semester Genap |
| No. Dokumen | Dosen Pengampu | Dr. Ir. Abdul Syakur, S.T., M.T., IPU. / / | |
| KPM/S1.EL-FT-UNDIP/xxx | Waktu Kuliah | Rabu, pukul 15.30 - 17.10 WIB | |
| | Tempat Kuliah | B306 | |
| 1. Manfaat Perkuliahan | | | |
| | | | |
| 2. Deskripsi Perkuliahan | | | |
| | | | |
| 3. Capaian Pembelajaran & Kemampuan Akhir yang Diharapkan | | | |
| [CPL3]Memiliki keahlian dalam merancang dan eksplorasi percobaan di laboratorium maupun di lapangan serta menganalisis hasilnya guna memperkuat penilaian. (EXPERIMENTAL EXPLORATION) | | | |
| [CPL4]Memiliki pengetahuan yang memadai dalam mengidentifikasi, merumuskan dan menganalisis serta menyelesaikan masalah atau memberikan penyelesaian alternatif dalam bidang elektro atau keahlianya. (TECHNICAL ANALYSIS) | | | |
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| Capaian pembelajaran mata kuliah yang diharapkan dari mata kuliah ini adalah: | | | |
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| CPMK12 | | | | |
| TOTAL | 50% | 0% | 25% | 25% |

Kriteria hasil pengukuran CPMK dinyatakan dengan :

- Pemula / Novice : Nilai < 60
- Berkembang / Developing : $60 \leq \text{Nilai} < 70$
- Mahir / Proficient : $70 \leq \text{Nilai} < 80$
- Teladan / Exemplary : Nilai ≥ 80

Nilai Akhir Mata Kuliah ditentukan berdasarkan sistim penilaian hasil belajar sesuai dengan Peraturan Rektor Universitas Diponegoro Nomor 4 Tahun 2020 Tentang Peraturan Akademik Bidang Pendidikan Program Sarjana Universitas Diponegoro (Pasal 35):

| Rentang Nilai Angka | Nilai Huruf | Bobot |
|---------------------|-------------|-------|
| ≥ 80 | A | 4 |
| 70 - 79.99 | B | 3 |
| 60 - 69.99 | C | 2 |
| 51 - 59.99 | D | 1 |
| ≤ 50.99 | E | 0 |

Mahasiswa dinyatakan lulus mata kuliah, apabila mendapat nilai minimal C.

7. Jadwal Perkuliahan

Adapun jadwal Perkuliahan adalah sebagai berikut:

| Minggu ke- | Pokok Bahasan | Referensi |
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| UAS | 0 | |

8. Tata Tertib

1. Mahasiswa diwajibkan menggunakan pakaian sopan dan rapi, pada waktu mengikuti perkuliahan.
2. Mahasiswa diperkenankan terlambat masuk dalam pertemuan maksimum 15 menit setelah perkuliahan dimulai.
3. Mahasiswa wajib melakukan presensi kehadiran pada waktu yang telah ditentukan.
4. Mahasiswa dapat mengikuti UAS apabila telah mengikuti kuliah/kegiatan pembelajaran sekurang-kurangnya 75%.
5. Mahasiswa wajib mengumpulkan tugas/ ujian sesuai dengan jadwal dan ketentuan yang dituliskan.
6. Ujian susulan hanya dapat diberikan dengan alasan khusus (sakit atau dirawat di Rumah Sakit dan disertai dengan Surat keterangan Dokter)
7. Transparasi nilai dilakukan sesuai dengan jadwal yang diberikan dan paling lambat 1 minggu setelah batas akhir revisi nilai.

Bahan Bacaan / referensi

0