



**PROGRAM STUDI TEKNIK INDUSTRI
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PGRI YOGYAKARTA**

KONTRAK PERKULIAHAN

Nama Dosen : Guntur Samodro, S.T., M.T.
Mata Kuliah : Praktikum Perancangan Tata Letak Fasilitas
Program Studi : Teknik Industri
Kelas/Angkatan : A1/2022
Semester : 5 (Lima)
Tahun Akademik : 2024/2025

Deksripsi Mata Kuliah :

Mata kuliah ini mempelajari tentang Praktikum Perancangan Tata Letak Fasilitas

Capaian Pembelajaran/Learning Outcome:

Setelah mengikuti pembelajaran dengan tuntas, mahasiswa diharapkan mampu merancang dan melakukan perhitungan *Bill of Material* (BOM), *Assembly Chart* (AC) & *Route Sheet*, *Operation Process Chart* (OPC), *Multi-Product Process Chart* (MPPC), *Activity Relationship Chart* (ARC), *Activity Relationship Diagram* (ARD) serta *Area Allocation Diagram* (AAD), *From to Chart* (*Trip Frequency Chart* atau *Travel Chart*) dan *Ongkos Material Handling* (OMH)

Softskills :

Mahasiswa dapat memahami Praktikum Perancangan Tata Letak Fasilitas

Bahan Kajian:

Bill of Material (BOM), *Assembly Chart* (AC) & *Route Sheet*, *Operation Process Chart* (OPC), *Multi-Product Process Chart* (MPPC), *Activity Relationship Chart* (ARC), *Activity Relationship Diagram* (ARD) serta *Area Allocation Diagram* (AAD), *From to Chart* (*Trip Frequency Chart* atau *Travel Chart*) dan *Ongkos Material Handling* (OMH)

Ketentuan:

1. Kehadiran perkuliahan tatap muka minimal 75% dari total tatap muka
2. Toleransi keterlambatan perkuliahan tatap muka maksimal 30 menit
 - a. Mahasiswa terlambat lebih dari 30 menit, tidak diperkenankan ikut kuliah (kecuali ada alasan yang diterima dosen)
 - b. Dosen terlambat lebih dari 30 menit, kuliah ditiadakan (kecuali ada pemberitahuan kepada mahasiswa) dan diganti hari lain

3. Dalam perkuliahan dan konsultasi dilakukan dengan sopan (cara berpakaian dan berkomunikasi)
4. Mahasiswa wajib mengikuti UAS
5. Penilaian Hasil Belajar total bobot 100%, dengan rincian sebagai berikut:

No	Uraian	Bobot
1	Quiz	10
2	Tugas & Presentasi	40
3	Kehadiran	10
4	Partisipasi & Keaktifan di Kelas	30
5	Ujian Akhir Semester (UAS)	10
	TOTAL	100

Yogyakarta, 10 September 2024

Ketua Program Studi



Ir. Yaning Tri Hapsari, M.Sc.
NIS. 198512092016042002

Dosen Pengampu



Guntur Samodro, M.T.
NIS. 198910262019101005

Ketua Kelas/Angkatan



Zainuniah Badar
NPM 2211120000 1



Universitas PGRI Yogyakarta

Jl. PGRI I Sonosewu No. 117 Yogyakarta Telp. 0274-376808, 373198 Fax. 0274-376808

DAFTAR HADIR KULIAH

Program Studi : TEKNIK INDUSTRI
Tahun Akademik : 2024/2025
Semester : GASAL
Dosen : GUNTUR SAMODRO [0526108903]

Kode Matakuliah : TKM12126
Matakuliah : PRAKTIKUM PERANCANGAN TATA LETAK FASILITAS
Bobot : 1 SKS
Kelas : 22.A1

Semester : 5
Hari : -
Pukul : 00:00 s.d. 00:00
Ruang : -

No	NP Mahasiswa	Nama Mahasiswa	B/U/P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Jumlah Hadir	% Hadir
1	21111200006	HAKANI MUSA UMASANGAJI		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	X	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	X	X	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	X	11	73
2	21111200021	FADHLI MUAMMAR		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	X	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	X	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	13	87
3	22111200004	ZAINULLAH BADAR		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	15	100
4	22111200005	HASHFI MAULANA		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	15	100
5	22111200007	YUDHA FERDIANSYAH		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	15	100
6	22111200008	IRSYAD SIDIK		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	15	100
7	22111200009	AYUNDA DAMAYANTI		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	15	100
8	22111200010	PRADIPTA ARYA PRIBADI		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	X	<i>[Signature]</i>	<i>[Signature]</i>	X	14	93
9	22111200011	HANI RAMADANI		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	15	100
10	22111200012	ALFAN KURNIAWAN HARAHAP		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	15	100
11	22111200015	ARIDA RAHMAWATI		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	S	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	X	15	87
12	22111200013	FARDEEN SAFWA NUGROHO		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	15	100



PRESENSI DOSEN MENGAJAR

TA. 2024/2025 Sem. GASAL

Program Studi
Matakuliah
Bobot
Dosen

: TEKNIK INDUSTRI
: PRAKTIKUM PERANCANGAN TATA LETAK FASILITAS [TKM12126]
: 1 SKS
: GUNTUR SAMODRO [0526108903]

Kelas
Hari
Pukul
Ruang

: 22.A1
: -
: 00:00 s.d. 00:00
:

Pert	Tanggal	Pokok Bahasan	Sub-Pokok Bahasan	Jml Mhs	Paraf
I	10/09 '24	Introduction	- Pendahuluan - kontrak Praktikum	12	
II	17/09 '24	Modul I	- Part Drawing	12	
III	24/09 '24	Modul I	- OPC - AG	12	
IV	01/10 '24	modul II	Routing sheet	12	
V	08/10 '24	modul II	- MPPC - Perhitungan keb. mesin	12	
VI	15/10 '24	modul III	- Perhitungan luas lantai pabrik	12	
VII	22/10 '24	Modul III	- Struktur Organisasi dan Perencanaan - Perhitungan luas lantai kerja	12	
VIII	29/10 '24	modul IV	- Perhitungan ongkos pemindahan material - Quiz	12	
IX	05/11 '24	Modul IV	- Matriks ongkos, matriks aliran - Tata letak awal	12	
X	12/11 '24	modul V	- AAD - Perhitungan ongkos pemindahan material II	12	
XI	19/11 '24	modul V	- AAO Perbaikan Tata letak awal	12	
XII	26/11 '24	modul VI	- ARC	12	
XIII	03/12 '24	modul VI	- AAO - AAO II	12	
XIV	10/12 '24	modul VII	Template	12	
XV	17/12 '24	modul VII	Perhitungan Ongkos Produksi	12	



PRESENSI UJIAN AKHIR SEMESTER GASAL
TAHUN AKADEMIK 2024/2025

Program Studi : TEKNIK INDUSTRI - S1
Matakuliah : PRAKTIKUM PERANCANGAN TATA LETAK FASILITAS
Kode MK : TKM12126
Dosen : GUNTUR SAMODRO, S.T.,M.T

Kelas : 22.A1
Ruang : 503
Hari/Tanggal : Selasa, 07-01-2025
Waktu : 12:30 - 13:00

Table with 6 columns: No, NPM, Nama Mahasiswa, B/U/P, Tanda Tangan, Nilai. It lists 12 students with their respective IDs, names, initials, signatures, and grades.

Pengawas

- 1. [Signature] ()
2. ()
3. ()
4. ()

Yogyakarta, 07-01-2025

[Signature]
GUNTUR SAMODRO, S.T.,M.T