



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

KONTRAK PERKULIAHAN

Nama Dosen : Guntur Samodro, S.T., M.T.
Mata Kuliah : Praktikum Program Komputer
Program Studi : Teknik Industri
Kelas/Angkatan : A1/2022
Semester : 3 (Tiga)
Tahun Akademik : 2023/2024

Deksripsi Mata Kuliah :

Mata kuliah ini mempelajari tentang praktikum dan konsep algoritma serta bahasa pemrograman. Dengan media pembelajaran *environment* Anaconda dan bahasa pemrograman Phyton. Diharapkan kemampuan memecahkan masalah dapat dipelajari, sekaligus mendapat pengetahuan tentang bahasa pemrograman

Capaian Pembelajaran/*Learning Outcome*:

Setelah mengikuti pembelajaran dengan tuntas, mahasiswa diharapkan mampu memahami teori dan konsep algoritma dan juga bahasa pemrograman, khususnya bahasa pemrograman Phyton.

***Softskills* :**

Setelah mengikuti praktikum dengan tuntas, mahasiswa diharapkan memahami konsep dasar dan teori algoritma dan juga bahasa pemrograman, khususnya bahasa pemrograman Phyton. Mahasiswa juga diharapkan mampu membangun sebuah sistem berdasarkan kasus yang ditentukan dengan membuat bahasa pemrograman sesuai dengan kaidah pembuatan syntax bahasa.

Bahan Kajian:

Algoritma, bahasa pemrograman, Phyton.

Ketentuan:

1. Kehadiran perkuliahan tatap muka minimal 75% dari total tatap muka
2. Toleransi keterlambatan perkuliahan tatap muka maksimal 15 menit
 - a. Mahasiswa terlambat lebih dari 15 menit, tidak diperkenankan ikut kuliah (kecuali ada alasan yang diterima dosen)
 - b. Dosen terlambat lebih dari 15 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

Ketua Program Studi

Dosen Pengampu

Yogyakarta, 14 September 2023
Ketua Kelas/Angkatan



Yaning Tri Hapsari, M.Sc.
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Guntur Samodro, MT
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DAFTAR HADIR KULIAH

Program Studi : TEKNIK INDUSTRI
Tahun Akademik : 2023/2024
Semester : GASAL
Dosen : GUNTUR SAMODRO [0526108903]

Kode Matakuliah : TKM12120
Matakuliah : PRAKTIKUM PROGRAM KOMPUTER
Bobot : 1 SKS
Kelas : 22.A1

Semester : 3
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	21111200021	FADHLI MUAMMAR		Had	Had	Had	Had	Had	Had	Had	-	Had	Had	Had	Had	Had	Had	Had	14	93
2	22111200004	ZAINULLAH BADAR		Had	Had	Had	IZIN	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	15	100
3	22111200005	HASHFI MAULANA		Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	15	100
4	22111200007	YUDHA FERDIANSYAH		Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	15	100
5	22111200008	IRSYAD SIDIK		Had	Had	Had	IZIN	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	15	100
6	22111200009	AYUNDA DAMAYANTI		Had	Had	Had	IZIN	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	15	100
7	22111200010	PRADIPTA ARYA PRIBADI		Had	Had	X	IZIN	X	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	13	87
8	22111200011	HANI RAMADANI		Had	Had	Had	IZIN	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	15	100
9	22111200012	ALFAN KURNIAWAN HARAHAP		Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	15	100
10	22111200013	FARDEEN SETYA NUGROHO		Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	Had	15	100
11	22111200015	ARIDA RAHMAWATI		Had	Had	Had	Had	Had	Had	Had	1	Had	Had	Had	Had	Had	Had	Had	14	93



PRESENSI DOSEN MENGAJAR

TA. 2023/2024 Sem. GASAL

Program Studi : TEKNIK INDUSTRI
Matakuliah : PRAKTIKUM PROGRAM KOMPUTER [TKM12120]
Bobot : 1 SKS
Dosen : GUNTUR SAMODRO [0526108903]

Kelas : 22.A1
Hari : -
Pukul : 00:00 s.d. 00:00
Ruang : -

Pert	Tanggal	Pokok Bahasan	Sub-Pokok Bahasan	Jml Mhs	Paraf
I	14 / 09 '23	Introduction	- Kuliah Pengantar - Kontrak Praktikum	11	A
II	21 / 09 '23	Pengantar Python	- Bahasa Pemrograman Python - Instalasi Python	11	A
III	28 / 09 '23	Variabel dan Tipe Data (I)	- Variabel - Operator	11	A
IV	05 / 10 '23	Variabel dan Tipe Data (II)	- Tipe Data - Manipulasi string	11	A
V	12 / 10 '23	Variabel dan Tipe Data (III)	- List - sets - Tuple - Dictionary	11	A
VI	19 / 10 '23	Control Flow (I)	- Boolean - If Statement - Looping	11	A
VII	26 / 10 '23	Control Flow (II)	- Else Statement - Elif Statement	11	A
VIII	02 / 11 '23	Quiz Tengah semester	Quiz tengah semester	11	A
IX	09 / 11 '23	Function (I)	- Array Membuat Function - Array Parameter Parameter	11	A
X	16 / 11 '23	Function (II)	- Default Values - Return Values - Return Values - Local-Global Variable	11	A
XI	23 / 11 '23	Library Numpy (I)	- Array - Numpy Random - Array Identical	11	A
XII	30 / 11 '23	Library Numpy (II)	- Indexing dan slicing - Mathematical methods	11	A
XIII	07 / 12 '23	Pandas (I)	- Series	11	A
XIV	14 / 12 '23	Pandas (II)	- Dataframe	11	A
XV	21 / 12 '23	Review Materi	Review materi	11	A



PRESENSI UJIAN AKHIR SEMESTER GASAL
TAHUN AKADEMIK 2023/2024

Program Studi : TEKNIK INDUSTRI - S1
Matakuliah : PRAKTIKUM PROGRAM KOMPUTER
Kode MK : TKM12120
Dosen : GUNTUR SAMODRO, S.T.,M.T

Kelas : 22.A1
Ruang :
Hari/Tanggal : Kamis, 04-01-2024
Waktu : 12:20 - 14:00

Table with 6 columns: No, NPM, Nama Mahasiswa, B/U/P, Tanda Tangan, Nilai. Contains 11 rows of student data with handwritten signatures and 'A' grades.

Pengawas

- 1. Hashi (with signature)
2.
3.
4.

Yogyakarta, 04-01-2024

(with signature)
GUNTUR SAMODRO, S.T.,M.T