
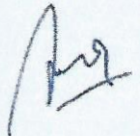
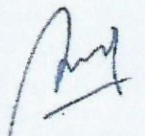
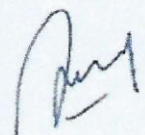

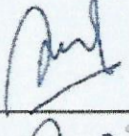
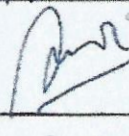
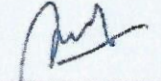


KEGIATAN PEMBELAJARAN
SEMESTER GANJIL TAHUN AKADEMIK 2020 / 2021

Dosen	: ARachman Soleman, Ir. MT.	Hari	Kamis
	: HARLAN EFENDI Ir. MT		
Mata Kuliah	: Elektronika Industri	J a m	15.40 - 17.20
Kelas	: A	Ruang	A 6

No.	Hari /Tgl	MATERI KULIAH	JAM	PARAF DOSEN
1	KAMIS 17 SEP 20	Part I Circuits and Signals 1. DC and Transient Circuit Analysis. Carfotta A. Berry and Deborah J. Walter . 2. AC Circuit Analysis. Carlotta A. Berry and Deborah J. Walter	15.00 s/d 17.20	
2	KAMIS 24 SEP 20	3. Computational Methods in Node and Loop Analyses. Stephen M. Haddock and J. David Irwin. 4. Transistor Operation and Modeling. Tina Hudson. 5. Application of Operational Amplifiers Frequency Response and Bode Diagrams. Thomas F. Schubert, Jr. and Ernest M. Kim	15.00 s/d 17.20	
3	KAMIS 1 OKT 2020	6. Frequency Response and Bode Diagrams. Thomas F. Schubert, Jr. and Ernest M. Kim. 7. Laplace Transforms. Dalton S. Nelson Part II Devices. 8. Semiconductor Diode. Bogdan M. Wilamowski	15.00 s/d 17.20	
4	KAMIS 8 OKT 20	9. Bipolar Junction Transistor. Bogdan M. Wilamowski and Guofu Niu. 10. Field Effect Transistors. Bogdan M. Wilamowski and J. David Irwin 11. Noise in Semiconductor Devices. Alicja Konczakowska and Bogdan M. Wilamowski	15.00 s/d 17.20	
5	KAMIS 15 OKT 20	12. Physical Phenomena Used in Sensors. Tiantian Xie and Bogdan M. Wilamowski . 13. MEMS Devices. José M. Quero, Antonio Luque, Luis Castañer, Angel Rodríguez, Adrian Ionescu, Montserrat Fernández-Bolaños, Lorenzo Faraone, and John M. Dell	15.00 s/d 17.20	
6	KAMIS 22 OKT 20	14. MEMS Technologies. Antonio Luque, José M. Quero, and Carles Cané . 15. Applications of MEMS. Antonio Luque, José M. Quero, Robert Lempkowski, and Francisco Ibáñez .	15.00 s/d 17.20	
7	KAMIS 29 OKT 20	16. Transistors in Switching Circuits. Tina Hudson 17. Transistors in Amplifier Circuits. Tina Hudson .	15.00 s/d 17.20	
8	KAMIS 5 NOV 20	UJIAN TENGAH SEMESTER	15.00 s/d 17.20	

KEGIATAN PEMBELAJARAN
SEMESTER GANJIL TAHUN AKADEMIK 2020 / 2021

Dosen	: ARachman Soleman. Ir. MT.	Hari	Kamis
	: HARLAN EFENDI. Ir. MT		
Mata Kuliah	: Elektronika Industri	Jam	15.40 - 17.20
Kelas	: A	Ruang	A 6

No.	Hari /Tgl	MATERI KULIAH	JAM	PARAF DOSEN
9	KAMIS 12 NOV 20	18. A Simplistic Approach to the Analysis of Transistor Amplifiers. Bogdan M. Wilamowski and J. David Irwin . 19. Analog and Digital VLSI Design. Vishal Saxena and R. Jacob Baker	15.00 s/d 17.20	<i>Harlan</i>
10	KAMIS 19 NOV 20	Part III Digital Circuits . 20. Digital Design—Combinational Logic. Buren Earl Wells and Sin Ming Loo . 21. Digital Design—Sequential Logic Sin Ming Loo and Arlen Planting	15.00 s/d 17.20	<i>Harlan</i>
11	KAMIS 26 NOV 20	22. Soft-Core Processors. Arlen Planting and Sin Ming Loo. 23. Computer Architecture. Victor P. Nelson	15.00 s/d 17.20	<i>Harlan</i>
12	KAMIS 3 DES 20	24. FPGAs and Reconfigurable Systems. Juan J. Rodriguez-Andina and Eduardo de la Torre Part IV Digital and analog Signal Processing . 25. Signal Processing. James A. Heinen and Russell J. Niederjohn	15.00 s/d 17.20	<i>Harlan</i>
13	KAMIS 10 DES 20	26. Analog Filter Synthesis. Nam Pham and Bogdan M. Wilamowski . 27. Active Filter Implementation. Nam Pham, Bogdan M. Wilamowski, and John W. Steadman	15.00 s/d 17.20	<i>Harlan</i>
14	KAMIS 17 DES 20	28. Designing Passive Filters with Lossy Elements. Marcin Jagiela and Bogdan M. Wilamowski Part V Electromagnetics . 29. Electromagnetic Fields. I. Sadasiva M. Rao, Tyler N. Killian, and Michael E. Baginski	15.00 s/d 17.20	<i>Harlan</i>
15	KAMIS 24 DES 20	30. Propagating Electromagnetic Fields. Michael E. Baginski, Sadasiva M. Rao, and Tyler N. Killian . 31. Transmission Line Time-Domain Analysis and Signal Integrity. Edward Wheeler, Jianjian Song, and David R. Voltmer	15.00 s/d 17.20	<i>Harlan</i>
16	KAMIS 28 JAN 2021	UJIAN AKHIR SEMESTER	15.00 s/d 17.20	<i>Harlan</i>

Ket : Kuliah dimulai dari SEPTEMBER s/d 27 FEBRUARI 2021

Jakarta, September 2020

Kaprodi Teknik Elektro S1. FTI. ISTN.

Harlan
Ir. HARLAN EFENDI. MT

DAFTAR NILAI

SEMESTER GANJIL REGULER TAHUN 2020/2021

Program Studi : Teknik Elektro S1
 Matakuliah : Elektronika Industri
 Kelas / Peserta : A
 Perkuliahan : Kampus ISTN Bumi Srengseng Indah
 Dosen : H. Rachman Soleman, Ir. MT.

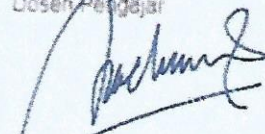
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			10%	40%	25%	25%	0%	0%		
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Hal. 11

Rekapitulasi Nilai							
A	1	B+	0	C+	0	D+	0
A-	0	B	0	C	0	D	0
		B-	0	C-	0	E	0

Jakarta 8 February 2021

Dosen Pengajar



H. Rachman Soleman, Ir. MT.



**DAFTAR HADIR PESERTA KULIAH MAHASISWA
GANJIL - REGULER - TAHUN 2020/2021**

FAK / JURUSAN
MATAKULIAH
KELAS / PESERTA
KURIKULUM
DOSEN

Teknik Elektro S1
Elektronika Industri / 227205 / 7
A / 1
2018
1.H. Rachman Soleman, Ir. MT.
2.Harlan Effendi, ST.MT.

HARI / TANGGAL Kamis
JAM KULIAH 15:40-17:20
RUANG

Hal : 1 / 1

No	N I M	NAMA MAHASISWA	TANGGAL PERTEMUAN							JUMLAH
			27/9	24/9	1/10	8/10	15/10	22/10	29/10	
1	16220037	TIRTA BAYU SAPUTRA	✓	✓	✓	✓	✓	✓	✓	8

CATATAN :

Perubahan peserta hanya diperkenankan bila ada persetujuan tertulis dari Pelaksana Jurusan.

Jakarta,

Dosen Pengajar,

(H. Rachman Soleman, Ir. MT.)

3/5/2021



**DAFTAR HADIR PESERTA KULIAH MAHASISWA
GANJIL - REGULER - TAHUN 2020/2021**

FAK / JURUSAN
MATAKULIAH
KELAS / PESERTA
KURIKULUM
DOSEN

Teknik Elektro S1
Elektronika Industri / 227205 / 7
A / 1
2018
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HARI / TANGGAL Kamis
JAM KULIAH 15:40-17:20
RUANG

Hal : 1 / 1

No	N I M	NAMA MAHASISWA	TANGGAL PERTEMUAN								JUMLAH
			12/11	19/11	29/11	7/12	10/12	17/12	24/12	28/12	
1.	16220037	TIRTA BAYU SAPUTRA	✓	✓	✓	✓	✓	✓	✓	✓	8

CATATAN :

Perubahan peserta hanya diperkenankan bila ada persetujuan tertulis dari Pelaksana Jurusan.

3/5/2021

Jakarta,

Dosen Pengajar,

(H. Rachman Soleman, Ir. MT.)