

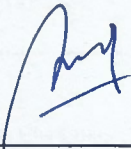
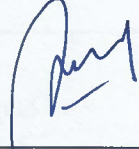

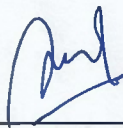




**KEGIATAN PEMBELAJARAN
SEMESTER GANJIL TAHUN AKADEMIK 2020 / 2021**

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

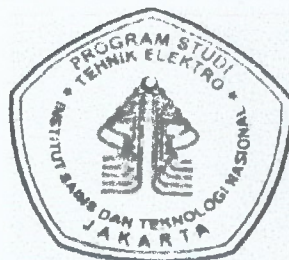
No.	Hari /Tgl	MATERI KULIAH	JAM	PARAF DOSEN
1	KAMIS 17 SEP 20	Part I Circuits and Signals 1. DC.and.Transient.Circuit.Analysis. Carlotta A. Berry and Deborah J. Walter . 2. AC Circuit Analysis. Carlotta A. Berry and Deborah J. Walter	15.00 s/d 17.20	
2	KAMIS 24 SEP 20	3. Computational Methods.in.Node.and.Loop.Analyses. 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.Transform. 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. Wilamowsk	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	

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SEMESTER GANJIL TAHUN AKADEMIK 2020 / 2021**

Dosen	: ARachman Soleman. Ir. MT. : HARLAN EFENDI. Ir. MT	Hari	Kamis
Mata Kuliah	: Elektronika Industri	J a m	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	<u>Harlan</u>
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	<u>Harlan</u>
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	<u>Harlan</u>
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	<u>Harlan</u>
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	<u>Harlan</u>
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	<u>Harlan</u>
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	<u>Harlan</u>
16	KAMIS 28 JAN 2021	UJIAN AKHIR SEMESTER	15.00 s/d 17.20	<u>Harlan</u>

Ket : Kuliah dimulai dari SEPTEMBER s/d 27 FEBUARI 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.

Hal. 1/1

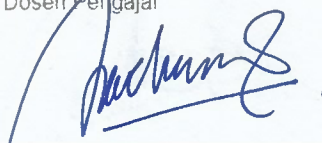
No	NIM	N A M A	ABSEN	TUGAS	UTS	UAS	MODEL	PRESENTASI	NA	HURUF
			0%	0%	0%	100%	0%	0%		
1	16220037	Tirta Bayu Saputra	100	0	80	0	0	0	0	

Rekapitulasi Nilai

A	0	B+	0	C+	0	D+	0
A-	0	B	0	C	0	D	0
		B-	0	C-	0	E	0

Jakarta, 14 November 2020

Dosen Pengajar



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.

Hal. 1/1

No	NIM	NAMA	ABSEN	TUGAS	UTS	UAS	MODEL	PRESENTASI	NA	HURUF
			10%	40%	25%	25%	0%	0%		
1	16220037	Tirta Bayu Saputra	84	87	80	77	0	0	82.45	A

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

