

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

Dosen	: ARachman Soleman. Ir. MT.	Hari	Selasa
	: HARLAN EFENDI. Ir. MT		
Mata Kuliah	: Elektronika Industri	J a m	17.00 - 18.40
Kelas	: K	Ruang	A 6

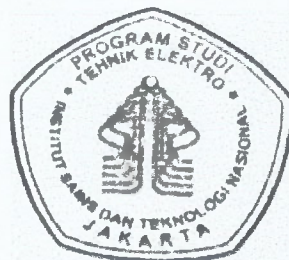
No.	Hari /Tgl	MATERI KULIAH	JAM	PARAF DOSEN
1	SELASA 15 SEP20	Part I Circuits and Signals 1. DC.and.Transient.Circuit.Analysis. Carlotta A. Berry and Deborah J. Walter . 2. AC Circuit Analysis. Carlotta A. Berry and Deborah J. Walter	17.00 s/d 18.40	
2	SELASA 22 SEP20	3. Computational Methods.in.Node.and.Loop.Analyses. 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	17.00 s/d 18.40	
3	SELASA 29 SEP20	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	17.00 s/d 18.40	
4	SELASA 6 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	17.00 s/d 18.40	
5	SELASA 13 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	17.00 s/d 18.40	
6	SELASA 20 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 .	17.00 s/d 18.40	
7	SELASA 27 OKT 20	16. Transistors.in.Switching.Circuits. Tina Hudson 17. Transistors.in.Amplifier.Circuits. Tina Hudson .	17.00 s/d 18.40	
8	SELASA 3 NOV 20	UJIAN TENGAH SEMESTER	17.00 s/d 18.40	

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Mata Kuliah	: Elektronika Industri	J a m	17.00 - 18.40
Kelas	: K	Ruang	A 6

No.	Hari /Tgl	MATERI KULIAH	JAM	PARAF DOSEN
9	SELASA 10 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	17.00 s/d 18.40	<i>Harlan</i>
10	SELASA 17 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	17.00 s/d 18.40	<i>Harlan</i>
11	SELASA 24 NOV 20	22. Soft-Core Processors. Arlen Planting and Sin Ming Loo. 23. Computer Architecture. Victor P. Nelson	17.00 s/d 18.40	<i>Harlan</i>
12	SELASA 1 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	17.00 s/d 18.40	<i>Harlan</i>
13	SELASA 8 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	17.00 s/d 18.40	<i>Harlan</i>
14	SELASA 15 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	17.00 s/d 18.40	<i>Harlan</i>
15	SELASA 22 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	17.00 s/d 18.40	<i>Harlan</i>
16	SELASA 19 JAN 21	UJIAN AKHIR SEMESTER	17.00 s/d 18.40	<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 : K
 Perkuliahan : Kampus ISTN Bumi Srengseng P2K - Kelas
 Dosen : H. Rachman Soleman, Ir. MT.

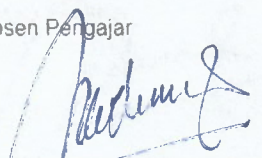
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No	NIM	NAMA	ABSEN	TUGAS	UTS	UAS	MODEL	PRESENTASI	NA	HURUF
			0%	0%	0%	100%	0%	0%		
1	18224501	Belfry Sandy Abraham Solone	100	0	80	0	0	0	0	
2	20224301	Arso Bagus Setiawan	100	0	80	0	0	0	0	

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

Jakarta, 14 November 2020

Dosen Pengajar



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SEMESTER GANJIL REGULER TAHUN 2020/2021

Program Studi : Teknik Elektro S1

Matakuliah : Elektronika Industri

Kelas / Peserta : K

Perkuliahan : Kampus ISTN Bumi Srengseng P2K - Kelas

Dosen : H. Rachman Soleman, Ir. MT.

Hal. 1:1

No	NIM	NAMA	ABSEN	TUGAS	UTS	UAS	MODEL	PRESENTASI	NA	HURUF
			0%	40%	30%	30%	0%	0%		
1	18224501	Belfry Sandy Abraham Solone	100	85	80	80	0	0	82	A
2	20224301	Arso Bagus Setiawan	100	85	80	80	0	0	82	A

Rekapitulasi Nilai							
A	2	B+	0	C+	0	D+	0
A-	0	B	0	C	0	D	0
		B-	0	C-	0	E	0

Jakarta, 11 February 2021

Dosen Pengajar