



POLITEKNIK ELEKTRONIKA NEGERI SURABAYA

**FORMULIR RENCANA STUDI
PROGRAM MAGISTER TERAPAN
PROGRAM STUDI S2 TEKNIK ELEKTRO**

Tanggal terbit : 21 Agustus 2014

No. Revisi : 02

Tahun Ajaran : 2014/2015

Semester : Gasal

Nama :

NRP :

Tahun Masuk

SEMESTER 1							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VE201101	Advanced Mathematics, Algorithm & Programming	3		4		
2	VE201102	Signals and Systems	2		2		
3	VE201103	Research Methodology and Scientific Writing	2		2		
4	VE201104	Proposal Tesis	1		8		
5	VE201201	Advanced Communication	2		2		
6	VE201203	Instrumentation and Measurement System	2		2		
7	VE201202	Praktikum Advanced Communication		1		3	
8	VE201204	Praktikum Instrumentation and Measurement System		1		3	
9		Mata Kuliah Pilihan 1	2		2		
10		Praktikum Mata Kuliah Pilihan 1		1		3	
JUMLAH			14	3	22	9	

SEMESTER 3							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VE202101	Progres Tesis 2	2		9		
2	VE203102	Standardization and Intellectual Property	2		2		
3	VE203201	Mechatronics & Industrial Automation	2		2		
4	VE203202	Praktikum Mechatronics & Industrial Automation		1		3	
5		Mata Kuliah Pilihan 4	2		2		
6		Praktikum Mata Kuliah Pilihan 4		1		3	
JUMLAH			8	2	15	6	

SEMESTER 2							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VE202101	Progres Tesis 1	2		9		
2	VE202201	Advanced Sensor and Actuator	2		2		
3	VE202202	Praktikum Advanced Sensor and Actuator		1		3	
4		Mata Kuliah Pilihan 2	2		2		
5		Mata Kuliah Pilihan 3	2		2		
6		Praktikum Mata Kuliah Pilihan 2		1		3	
7		Praktikum Mata Kuliah Pilihan 3		1		3	
JUMLAH			8	3	15	9	

SEMESTER 4							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VE204101	Tesis Akhir	6		18		
2							
3							
4							
5							
6							
JUMLAH			6	0	18	0	

Mata Kuliah Pilihan yang ditawarkan

No. Kode	Mata Kuliah	Semester	Kredit		Jam		✓
			Teori	Praktek	Teori	Praktek	
VE200001	Electronic Properties of Material	1	2		2		
VE200002	Praktikum Electronic Properties of Material	1		1		3	
VE200003	Advanced Control Engineering	1	2		2		
VE200004	Praktikum Advanced Control Engineering	1		1		3	
VE200019	Mobile Communication Systems	3	2		2		
VE200020	Praktikum Mobile Communication Systems	3		1		3	
VE200023	Renewable Energy	3	2		2		
VE200024	Praktikum Renewable Energy	3		1		3	
VE200025	Advanced Electric Drives	3	2		2		
VE200026	Praktikum Advanced Electric Drives	3		1		3	

Persetujuan Dosen Pembimbing Utama,

Ketua Pascasarjana,

Aliridho Barakbah, S.Kom., Ph.D.