



FORMULIR RENCANA STUDI
S2 TEKNIK INFORMATIKA DAN KOMPUTER
PROGRAM PASCASARJANA MAGISTER TERAPAN
POLITEKNIK ELEKTRONIKA NEGERI SURABAYA

Nama : Tahun Ajaran : 2016/2017
 NRP : Semester : Gasal
 Tahun Masuk : No. Terbit : 04 / 19.08.16

Persetujuan Dosen Pembimbing Utama,

Koordinator Prodi S2 Teknik Informatika dan Komputer
 Riyanto Sigit, S.T., M.Kom., Ph.D.

SEMESTER 1							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI201101	Advanced Mathematics	2		2		
2	VI201102	Signals and Systems	2		2		
3	VI201103	Research Methodology and Scientific Writing	2		2		
4	VI201104	Algorithm & Programming		1		3	
5	VI201301	Proposal Tesis		1		3	
6	VI201201	AI and Pattern Recognition	2		2		
7	VI201202	Praktikum AI and Pattern Recognition		1		3	
8		Mata Kuliah Pilihan 1	2		2		
9		Praktikum Mata Kuliah Pilihan 1		1		3	
JUMLAH			14		22		

SEMESTER 2							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI202101	Standardization and Intellectual Property	2		2		
2	VI202301	Progres Tesis 1		2		6	
3	VI202201	Modelling and Simulation	2		2		
4	VI202202	Praktikum Modelling and Simulation		1		3	
5	VI202203	Network Management and Security	2		2		
6	VI202204	Praktikum Network Management and Security		1		3	
7		Mata Kuliah Pilihan 2	2		2		
8		Praktikum Mata Kuliah Pilihan 2		1		3	
JUMLAH			13		23		

SEMESTER 3							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI203301	Progres Tesis 2		2		6	
2	VI203201	High Performance Computing	2		2		
3	VI203202	Praktikum High Performance Computing		1		3	
4		Mata Kuliah Pilihan 3	2		2		
5		Praktikum Mata Kuliah Pilihan 3		1		3	
6		Mata Kuliah Pilihan 4	2		2		
7		Praktikum Mata Kuliah Pilihan 4		1		3	
JUMLAH			11		21		

SEMESTER 4							✓
No	No. Kode	Mata Kuliah	Kredit		Jam		
			Teori	Praktek	Teori	Praktek	
1	VI204301	Tesis Akhir		6		18	
2							
3							
4							
5							
6							
JUMLAH			6		18		

Mata Kuliah Pilihan yang ditawarkan

Kode	Mata Kuliah	Semester	Kredit		Jam		✓
			Teori	Praktek	Teori	Praktek	
VI200001	Advanced Computer Network	1	2		2		
VI200002	Praktikum Advanced Computer Network	1		1		3	
VI200003	Computer Vision & Image Processing	1	2		2		
VI200004	Praktikum Computer Vision & Image Processing	1		1		3	
VI200015	Network Security	1	2		2		
VI200016	Praktikum Network Security	1		1		3	
VI200017	Wireless Sensor Network	3	2		2		
VI200018	Praktikum Wireless Sensor Network	3		1		3	
VI200019	Intelligent Computing & Applications	3	2		2		
VI200020	Praktikum Intelligent Computing & Applications	3		1		3	
VI200031	Big data & Cloud Computing	1	2		2		
VI200032	Praktikum Big data & Cloud Computing	1		1		3	
VI200025	Cross-Cultural Communication	3	2		2		
VI200026	Praktikum Cross-Cultural Communication	3		1		3	
VE200003	Advanced Control Engineering	1	2		2		
VE200004	Praktikum Advanced Control Engineering	1		1		3	
VE200037	Optimal Control Systems	1	2		2		
VE200038	Praktikum Optimal Control Systems	1		1		3	
VE200039	Advanced Adaptive Control	1	2		2		
VE200040	Praktikum Advanced Adaptive Control	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	
VE200031	Mobile Networks and Pervasive Computing	3	2		2		
VE200032	Praktikum Mobile Networks and Pervasive Computing	3		1		3	
VE200033	Kinematika Robot	3	2		2		
VE200034	Praktikum Kinematika Robot	3		1		3	
VE200013	Teknik Koding	3	2		2		
VE200014	Praktikum Teknik Koding	3		1		3	