



FORMULIR RENCANA STUDI

**S2 TEKNIK INFORMATIKA DAN KOMPUTER
PROGRAM PASCASARJANA MAGISTER TERAPAN
POLITEKNIK ELEKTRONIKA NEGERI SURABAYA**

Persetujuan Dosen Pembimbing Utama,

Ketua Prodi S2 Teknik Informatika dan Komputer

Nama : Tahun Ajaran : 2017/2018

NRP : Semester Gasal

Tahun Masuk : No. Terbit : 06 / 21.08.17

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Dr.Eng. Bima Sena Bayu Dewantara, S.ST., MT.

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	VE201301	Signals and Systems		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		3		
			10	4	10	12		
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		
			8	5	8	15		
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		
			6	5	6	15		
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								
			0	6	0	18		
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	Advanced Computer Network Project	1		1		3	
VI200003	Computer Vision and Image Processing	1	2		2		
VI200004	Computer Vision and Image Processing Project	1		1		3	
VI200015	Network Security	3	2		2		
VI200016	Network Security Project	3		1		3	
VI200017	Wireless Sensor Network	3	2		2		
VI200018	Wireless Sensor Network Project	3		1		3	
VI200019	Intelligent Computing and Applications	3	2		2		
VI200020	Intelligent Computing and Applications Project	3		1		3	
VI200025	Cross-Cultural Communication	3	2		2		
VI200026	Cross-Cultural Communication Project	3		1		3	
VE200003	Advanced Control Engineering	1	2		2		
VE200004	Advanced Control Engineering Project	1		1		3	
VE200013	Coding Techniques	3	2		2		
VE200014	Coding Techniques Project	3		1		3	
VE200025	Advanced Electric Drives	3	2		2		
VE200026	Advanced Electric Drives Project	3		1		3	
VE200033	Robot Kinematics	2	2		2		
VE200034	Robot Kinematics Project	2		1		3	
VE200037	Optimal Control Systems	1	2		2		
VE200038	Optimal Control Systems Project	1		1		3	
VE200039	Advanced Adaptive Control	1	2		2		
VE200040	Advanced Adaptive Control Project	1		1		3	
VE200043	Advanced Computer Controlled System	1	2		2		
VE200044	Advanced Computer Controlled System Project	1		1		3	
VE200031	Mobile Network and Pervasive Computing	3	2		2		
VE200032	Mobile Network and Pervasive Computing Project	3		1		3	