

MATA KULIAH PROGRAM MAGISTER TEKNIK FISIKA (REKAYASA INSTRUMENTASI INDUSTRI)
THE SUBJECT IN MASTER PROGRAM OF ENGINEERING PHYSICS (INDUSTRIAL INSTRUMENTATION ENGINEERING)

SEMESTER 1		
KODE	MATA KULIAH	SKS
CODE	SUBJECT	CREDIT
TF235101	Fisika Teknik Lanjut	3
	Advanced Engineering Physics	
TF235102	Matematika Teknik Lanjut	3
	Advanced Engineering Mathematics	
TF235104	Dinamika Sistem Lanjut	2
	Advanced System Dynamics	
TF235103	Instrumentasi Lanjut	2
	Advanced Instrumentation	
	TOTAL SKS/TOTAL CREDITS	10

SEMESTER 2		
KODE	MATA KULIAH	SKS
CODE	SUBJECT	CREDIT
TF235204	Metodologi Penelitian Dan Proposal Tesis	3
	Research Methodology and Thesis's Proposal	
TF235201	Kontrol Otomatik Lanjut	2
	Advanced Automatic Control	
TF235202	Optimisasi Sistem	2
	System Optimization	
TF235203	Pemrosesan Sinyal	2
	Signal Processing	
	MK Pilihan 1	2
	Elective Course 1	
	TOTAL SKS/TOTAL CREDITS	11

SEMESTER 3		
KODE	MATA KULIAH	SKS
CODE	SUBJECT	CREDIT
TF235301	Rekayasa Desain	2
	Engineering Design	
TF235302	Internship	2
	Internship	
	MK Pilihan 2	2
	Elective Course 2	
	MK Pilihan 3	2
	Elective Course 3	
	MK Pilihan 4	2
	Elective Course 4	
	TOTAL SKS/TOTAL CREDITS	10

SEMESTER 4		
KODE	MATA KULIAH	SKS
CODE	SUBJECT	CREDIT
TF235401	Tesis	6
	Thesis	
	TOTAL SKS/TOTAL CREDITS	6