

EE111

PELAN PENGAJIAN ETAC (COHORT PERTAMA INTAKE SEPT 2020)

SEM	NO	COURSE	COURSE CODE	PRE- / CO REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
SEM 1	1	PRINSIP-PRINSIP ASAS ISLAM	CTU101	NONE	2	2	0	0	2
	2	KESATRIA NEGARA I	HBU111	NONE	1	0	0	2	2
	3	INTEGRATED LANGUAGE SKILLS I	ELC121	NONE	3	4	0	0	4
	4	CALCULUS 1	MAT183	NONE	3	3	1	0	4
	5	FUNDAMENTAL OF PHYSICS	PHY145	NONE	3	2	1	2	5
	6	COMPUTER PROGRAMMING	ECE128	NONE	3	1	0	3	4
	7	ELECTRO-TECHNOLOGY	EEE111	NONE	2	0	0	4	4
	TOTAL					17	12	2	11
SEM 2	1	PENGHAYATAN ETIKA DAN PERADABAN 1	CTU152	NONE	2	2	0	0	2
	2	KESATRIA NEGARA II	HBU121	NONE	1	0	0	2	2
	3	INTEGRATED LANGUAGE SKILLS II	ELC151	ELC121	3	4	0	0	4
	4	CALCULUS 2 FOR ENGINEERS	MAT235	MAT183	3	3	1	0	4
	5	ELECTRIC CIRCUIT 1	EEE121	NONE	3	3	0	1	4
	6	ELECTRICAL MEASUREMENT	ESE122	NONE	3	3	0	1	4
	7	SAFETY, HEALTH AND ETHICS	EEE150	NONE	2	1	0	1	2
	TOTAL					17	16	1	5
SEM 3	1	SAINS DAN TEKNOLOGI ISLAM	CTU211	NONE	2	2	0	0	2
	2	KESATRIA NEGARA III	HBU131	NONE	1	0	0	2	2
	3	INTEGRATED LANGUAGE SKILLS III	ELC231	ELC151	3	4	0	0	4
	4	ELECTRICAL ENGINEERING LABORATORY	EEE250	EEE111	2	0	0	4	4
	5	ELECTRONICS 1	ELE232	EEE121	3	3	0	1	4
	6	ELECTRIC CIRCUIT 2	EEE231	EEE121	3	3	0	1	4
	7	BASIC COMMUNICATION ENGINEERING	ECM241	NONE	3	3	0	1	4
	TOTAL					17	15	0	9
SEM 4	1	FUNDAMENTALS OF ENTREPRENEURSHIP	ENT300	NONE	3	3	0	0	3
	2	LINEAR SYSTEM	ESE241	MAT235	3	3	1	0	4
	3	ELECTRONICS 2	ELE242	ELE232	3	3	1	0	4
	4	DIGITAL SYSTEMS	ECE351	NONE	3	3	0	1	4
	5	FINAL YEAR PROJECT 1	EEE358	NONE	1	0	0	2	2
	6	CORE COURSE 1			3	2	0	2	4
	TOTAL					16	14	2	5

SEM 5	1	CONTROL SYSTEM	ESE359	ESE241	3	3	0	1	4
	2	MICROPROCESSOR SYSTEMS	ECE354	NONE	3	1	0	3	4
	3	FINAL YEAR PROJECT 2	EEE368	EEE358	3	0	0	6	6
	4	BASIC POWER ENGINEERING	EPO244	NONE	3	2	1	1	4
	5	ELECTIVE (CHOOSE 1)			3	2	0	2	4
	TOTAL					15	8	1	13
SEM 6	1	INDUSTRIAL TRAINING	EEE350	NONE	8	0	0	0	0
	TOTAL					8	0	0	0
GRAND TOTAL					90	65	6	43	114

ELECTRONICS PACKAGE (EE111)			COURSE CODE	PRE- / CO REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
KURSUS TERAS									
SEM 4	6	ELECTRONICS DESIGN	ELE355	ELE242	3	2	0	2	4
ELECTIVES (CHOOSE 1)			COURSE CODE	PRE- / CO REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
SEM 5	5	ELECTRONICS 3	ELE351	ELE242	3	2	0	2	4
	5	DIGITAL LOGIC DESIGN WITH HDL	ELE354	ECE351	3	2	0	2	4
	5	INTRODUCTION TO MICROELECTRONICS	ELE245	ELE232	3	2	0	2	4

COMMUNICATION PACKAGE (EE111)			COURSE CODE	PRE- / CO REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
KURSUS TERAS									
SEM 4	6	COMMUNICATION SYSTEMS	ECM242	ECM241	3	2	0	2	4
ELECTIVES (CHOOSE 1)			COURSE CODE	PRE- REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
SEM 5	5	DIGITAL COMMUNICATION SYSTEM	ECM351	ECM241	3	2	0	2	4
	5	MICROWAVE ENGINEERING	ECM354	NONE	3	2	0	2	4
	5	FIBER OPTIC COMMUNICATION SYSTEM	ECM356	NONE	3	2	0	2	4

COMPUTER PACKAGE (EE111)			COURSE CODE	PRE- / CO REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
KURSUS TERAS									
SEM 4	6	INTRODUCTION TO NETWORKING	ECE242	NONE	3	2	0	2	4
ELECTIVES (CHOOSE 1)			COURSE CODE	PRE- / CO REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
SEM 5	5	NETWORKING ROUTING FUNDAMENTALS	ECE356	ECE242	3	2	0	2	4
	5	DIGITAL SYSTEMS 2	ECE355	ECE351	3	2	0	2	4
	5	PC HARDWARE AND SOFTWARE	ECE353	NONE	3	2	0	2	4

SYSTEM PACKAGE (EE111)			COURSE CODE	PRE- REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
KURSUS TERAS									
SEM 4	6	INDUSTRIAL INSTRUMENTATION	ESE246	ESE122	3	2	0	2	4
ELECTIVES (CHOOSE 1)			COURSE CODE	PRE- REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
SEM 5	5	PROCESS CONTROL	ESE366	ESE359	3	2	0	2	4
	5	PLC IN PROCESS INDUSTRY	ESE364	NONE	3	2	0	2	4
	5	INDUSTRIAL AUTOMATION	ESE358	ESE122	3	2	0	2	4