

## EE112

## 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
<b>TOTAL</b>					<b>17</b>	<b>12</b>	<b>2</b>	<b>11</b>	<b>25</b>
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
<b>TOTAL</b>					<b>17</b>	<b>16</b>	<b>1</b>	<b>5</b>	<b>22</b>
SEM 3	1	SAINS DAN TEKNOLOGI ISLAM	CTU211	NONE	2	2	0	0	2
	2	KESATRIA NEGARA III	HBU131	HBU121	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	ANALOGUE ELECTRONICS	EPO231	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
<b>TOTAL</b>					<b>17</b>	<b>15</b>	<b>0</b>	<b>9</b>	<b>24</b>
SEM 4	1	FUNDAMENTALS OF ENTREPRENEURSHIP	ENT300	NONE	3	3	0	0	3
	2	LINEAR SYSTEM	ESE241	MAT235	3	3	1	0	4
	3	ELECTRICAL MACHINES	EPO243	EEE121	3	2	1	1	4
	4	DIGITAL SYSTEMS	ECE351	NONE	3	3	0	1	4
	5	FINAL YEAR PROJECT 1	EEE358	NONE	1	0	0	2	2
	6	POWER SYSTEM	EPO246	EEE121	3	2	1	1	4
<b>TOTAL</b>					<b>16</b>	<b>13</b>	<b>3</b>	<b>5</b>	<b>21</b>
SEM 5	1	CONTROL SYSTEM	ESE359	ESE241	3	3	0	1	4
	2	MICROPROCESSOR SYETEMS	ECE354	NONE	3	1	0	3	4
	3	FINAL YEAR PROJECT 2	EEE368	EEE358	3	0	0	6	6
	4	POWER ELECTRONICS	EPO359	NONE	3	2	0	2	4
	5	ELECTIVE (CHOOSE 1)			3	2	0	2	4
<b>TOTAL</b>					<b>15</b>	<b>8</b>	<b>0</b>	<b>14</b>	<b>22</b>
SEM 6	1	INDUSTRIAL TRAINING	EEE350	NONE	8	0	0	0	0
<b>TOTAL</b>					<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>					<b>90</b>	<b>64</b>	<b>6</b>	<b>44</b>	<b>114</b>

ELECTIVES (CHOOSE 1)			COURSE CODE	PRE- / CO REQUISITE	CREDIT UNIT	LEC	TUT	PRAC	CONTACT HOUR
SEM 5	5	MACHINES AND DRIVES	EPO366	NONE	3	2	0	2	4
	5	PROGRAMMABLE LOGIC CONTROLLER	EPO354	NONE	3	2	0	2	4
	5	ENERGY EFFICIENCY AND RENEWABLE ENERGY	EPO358	NONE	3	2	0	2	4