

Programme Structure

Bachelor of Electrical and Electronics Engineering Technology with Honours (CEEE260)

No	Sem	Code	Course Name	Pre-req	Credit Unit	Lecture	Tutorial	Practical	Total Contact
1.	1	EEE406	COMMUNICATION ENGINEERING TECHNOLOGY	-	4	2	0	4	6
2.	1	EEE403	CALCULUS FOR ENGINEERING TECHNOLOGISTS	-	3	2	2	0	4
3.	1	HEP1	CO-CURRICULUM 1		1	2	0	0	2
4.	1	CTU552	FALSAFAH DAN ISU SEMASA	-	2	2	0	0	2
5.	1	EEE405	DIGITAL ELECTRONICS DESIGN	-	4	2	0	4	6
6.	1	EEE404	PRACTICAL CIRCUIT ANALYSIS	-	4	2	0	4	6
7.	2	HEP2	CO-CURRICULUM 2		1	2	0	0	2
8.	2	EEE451	INTRODUCTION TO OCCUPATIONAL SAFETY AND HEALTH	-	4	2	0	4	6
9.	2	EEE453	PROGRAMMING FOR ENGINEERING TECHNOLOGISTS	-	4	2	0	4	6
10.	2	EEE452	ELECTRONICS ENGINEERING TECHNOLOGY	-	4	2	0	4	6
11.	2	EEE450	PRINCIPLES OF GEOMETRY IN ENGINEERING TECHNOLOGY	-	3	2	2	0	4
12.	2	EWC661	ENGLISH FOR REPORT WRITING	-	2	2	0	0	2
13.	2	CTU554	PENGHAYATAN ETIKA DAN PERADABAN	-	2	2	0	0	2
14.	3	ELC590	ENGLISH FOR ORAL PRESENTATIONS	-	2	2	0	0	2

No	Sem	Code	Course Name	Pre-req	Credit Unit	Lecture	Tutorial	Practical	Total Contact
15.	3	APB1	THIRD LANGUAGE I		2	2	0	0	2
16.	3	HEP3	CO-CURRICULUM 3		1	2	0	0	2
17.	3	EEE513	INSTRUMENTATION AND CONTROL	-	4	2	0	4	6
18.	3	EEE512	ELECTROMAGNETIC PRINCIPLES	-	4	3	0	2	5
19.	3	EEE511	SIGNAL PROCESSING APPLICATIONS	EEE403	4	2	0	4	6
20.	3	EEE510	SUSTAINABILITY MANAGEMENT	-	2	2	0	0	2
21.	4	APB2	THIRD LANGUAGE II		2	2	0	0	2
22.	4	EPO550	POWER ENGINEERING TECHNOLOGY	EEE404	4	2	0	4	6
23.	4	ELE550	APPLIED ELECTRONICS	EEE452	4	2	0	4	6
24.	4	EEE551	NUMERICAL TECHNIQUES AND STATISTIC FOR ENGINEERING	-	3	3	1	0	4
25.	4	EEE550	TECHNOPRENEURSHIP	-	3	2	2	0	4
26.	4	ELC640	ENGLISH FOR JOB APPLICATIONS		2	2	0	0	2
27.	5	EPO600	POWER ELECTRONICS CONVERTERS	EEE403	4	2	0	4	6
28.	5	ECE600	DATA NETWORK APPLICATIONS	EEE405	4	2	0	4	6
29.	5	ESE600	EMBEDDED SYSTEM TECHNOLOGY	-	4	2	0	4	6
30.	5	EEE601	INDUSTRIAL DESIGN PROJECT I		2	0	0	4	4
31.	5		ELECTIVE I		4	2	0	4	6

No	Sem	Code	Course Name	Pre-req	Credit Unit	Lecture	Tutorial	Practical	Total Contact
32.	5	APB3	THIRD LANGUAGE III		2	2	0	0	2
33.	6	EEE661	INDUSTRIAL DESIGN PROJECT II	EEE601	4	0	0	8	8
34.	6		OPEN ELECTIVE I		3	3	1	0	4
35.	6	EPO650	ELECTRICAL MACHINE	EEE512	4	2	0	4	6
36.	6	ECE655	INTERNET OF THINGS ARCHITECTURE AND PROTOCOLS	EEE453	4	2	0	4	6
37.	6	EEE663	ENGINEERING TECHNOLOGY PROJECT I	-	2	0	0	4	4
38.	6	EEE662	ENGINEERING TECHNOLOGISTS IN SOCIETY	-	3	2	2	0	4
39.	7		OPEN ELECTIVE II		3	3	1	0	4
40.	7		ELECTIVE II		4	2	0	4	6
41.	7	EEE664	ENGINEERING TECHNOLOGY PROJECT II	EEE663	6	0	0	12	12
42.	7	EET699	ENGLISH EXIT TEST	-	0				
43.	8	EEE665	INDUSTRIAL TRAINING	-	12	0	0	20	20

List of Elective Courses

NO	ELECTIVE	SEM	COURSE NAME	COURSE CODE	CREDIT UNIT	PRE-REQ
1	I	5	ROBOTICS AND CYBER PHYSICAL SYSTEMS	ESE605	4	0
2	I	5	SMART SENSORS	ELE600	4	-
3	I	5	PRACTICAL COMPUTER VISION	ECE604	4	EEE453
4	I	5	APPLIED DATA SCIENCE	ECE605	4	EEE453
5	I	5	WIRELESS COMMUNICATION TECHNOLOGY	ECM600	4	-
6	I	5	FIBER OPTICS	ECM601	4	-
7	II	7	ENERGY MANAGEMENT SYSTEMS	EPO656	4	-
8	II	7	INTELLIGENT TRANSPORTATION SYSTEMS	ESE650	4	-
9	II	7	EMBEDDED ANTENNA TECHNOLOGY	ECM656	4	-
10	II	7	SATELLITE COMMUNICATION TECHNOLOGY	ECM655	4	-
11	II	7	CLOUD COMPUTING	ECE667	4	-
12	II	7	ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE INFRASTRUCTURE	ECE666	4	EEE453
13	II	7	EMERGING TECHNOLOGIES FOR SUSTAINABILITY	ECE665	4	-
14	II	7	ENERGY SAVINGS MEASUREMENT AND VERIFICATION	EPO655	4	-

List of Open Elective Courses

NO	ELECTIVE	SEM	COURSE NAME	COURSE CODE	CREDIT UNIT	PRE-REQ
1	I	6	INDUSTRIAL AUTOMATION	MEK629	3	-
2	I	6	PROJECT EVALUATION AND DEVELOPMENT	BCM673	3	-
3	I	6	INDUSTRIAL MANAGEMENT	MEK604	3	-
4	II	7	ARTIFICIAL INTELLIGENCE AND LAW	LAW691	3	
5	II	7	FUNDAMENTALS OF ALGORITHMS AND COMPUTER PROBLEM SOLVING	CSC126	3	-
6	II	7	NURSERY PLANNING AND GREENHOUSE TECHNOLOGY	AGA618	3	-