

PENGAJIAN KEJURUTERAAN ELEKTRIK, KOLEJ PENGAJIAN KEJURUTERAAN, UiTM CAWANGAN PULAU PINANG
SARJANA MUDA TEKNOLOGI KEJURUTERAAN ELEKTRONIK (ELEKTRONIK INDUSTRI) DENGAN KEPUJIAN (BACHELOR OF ELECTRONICS
ENGINEERING TECHNOLOGY (INDUSTRIAL ELECTRONICS) WITH HONORS)

CEEE211

Semester	Keperluan	Kod Kursus	Nama Kursus	Unit Kredit	Pra-Syarat
1	Universiti	HEP 1	CO-CURRICULUM 1	1	
1	Universiti	CTU555	FALSAFAH DAN ISU SEMASA	2	
1	Program	MAT410	ENGINEERING MATHEMATICS 1	3	
1	Program	ETE411	ELECTRICAL CIRCUIT	3	
1	Program	ETS412	MEASUREMENT AND INSTRUMENTATION	3	
1	Program	ETC413	MULTIMEDIA SYSTEMS AND APPLICATIONS	3	
1	Program	ETE415	ENGINEERING SKILLS	3	
Jumlah				18	
2	Universiti	HEP2	CO-CURRICULUM 2	1	
2	Program	MAT450	ENGINEERING MATHEMATICS 2	3	
2	Program	ETT451	COMMUNICATION ENGINEERING	3	
2	Program	ETS452	SIGNALS AND SYSTEMS	3	
2	Program	ETL453	ANALOG ELECTRONICS	3	
2	Program	ETC454	COMPUTER PROGRAMMING	3	
2	Program	ETE455	ENGINEERING WORKSHOP I	2	
Jumlah				18	
3	Universiti	HEP3	CO-CURRICULUM 3*	1	
3	Universiti	ELC590	ENGLISH FOR ORAL PRESENTATIONS	2	
3	Program	ETL511	DIGITAL ELECTRONICS	3	
3	Program	ETL512	ELECTRONIC CIRCUIT ANALYSIS	3	ANALOG ELECTRONICS
3	Program	ETP513	ELECTRICAL MACHINES	3	
3	Program	ETC514	MICROPROCESSOR AND MICROCONTROLLER SYSTEMS	3	
3	Program	ETS515	INDUSTRIAL CONTROL	3	
Jumlah				18	
4	Universiti	CTU554	PENGHAYATAN ETIKA DAN PERADABAN	2	
4	Universiti	EW661	ENGLISH FOR REPORT WRITING	2	
4	Program	MAT575	INTRODUCTION TO NUMERICAL ANALYSIS	3	
4	Program	ETS551	DIGITAL SIGNAL PROCESSING	3	SIGNALS AND SYSTEMS
4	Program	ETT552	ELECTROMAGNETIC THEORY	3	
4	Program	ETL553	SEMICONDUCTOR DEVICES	3	
4	Program	ETE555	ENGINEERING WORKSHOP II	2	
Jumlah				18	
5	Universiti	APB1	THIRD LANGUAGE (LEVEL 1)	2	
5	Program	STA408	STATISTICS FOR SCIENCES AND ENGINEERING	3	
5	Program	ETL611	INTEGRATED CIRCUIT TECHNOLOGY	3	SEMICONDUCTOR DEVICES
5	Program	ETS612	INDUSTRIAL AUTOMATION	3	
5	Program	ETC613	EMBEDDED SYSTEMS APPLICATION	3	
5	Program	ETL614	DIGITAL DESIGN AND COMPUTER ARCHITECTURE	4	
Jumlah				18	
6	Universiti	APB2	THIRD LANGUAGE (LEVEL 2)	2	
6	Program	ETE621	INTEGRATED APPLICATION PROJECT *	5	
6	Program	ETE620	FINAL YEAR PROJECT 1	4	
6	Program	ENT600	TECHNOLOGY ENTREPRENEURSHIP	3	
6	Elektif		ELECTIVE 1/ INDUSTRY	4	
Jumlah				18	
7	Universiti	APB3	THIRD LANGUAGE (LEVEL 3)	2	
7	Program	ETE651	ENGINEERING TECHNOLOGIST IN SOCIETY	3	
7	Elektif		ELECTIVE 2/ INDUSTRY	4	
7	Elektif		ELECTIVE 3/ CROSS DISCIPLINE	3	
7	Program	ETE650	FINAL YEAR PROJECT 2	6	FINAL YEAR PROJECT 1
Jumlah				18	
8	Program	ETE665	INDUSTRIAL TRAINING	14	
Jumlah				14	
JUMLAH JAM KREDIT				140	

SENARAI ELEKTIF

Bidang	Semester	Kod	Nama kursus	Unit Kredit	Pra-Syarat
Elektronik	6	ETL622	VLSI SYSTEM DESIGN	4	DIGITAL DESIGN AND COMPUTER ARCHITECTURE
	7	ETL652	SEMICONDUCTOR FABRICATION TECHNOLOGY	4	
Komputer	6	ETC623	INDUSTRIAL IOT	4	
	7	ETC653	APPLIED COMPUTATIONAL INTELLIGENCE	4	
Kuasa	6	ETP624	INDUSTRIAL POWER ELECTRONICS	4	
	7	ETP654	ELECTRICAL DRIVES TECHNOLOGY	4	
Sistem	6	ETS625	INDUSTRIAL ROBOTICS	4	
	7	ETS655	MACHINE VISION SYSTEM	4	
Komunikasi	6	ETT626	WIRELESS COMMUNICATION	4	
	7	ETT656	RADIO FREQUENCY DESIGN	4	