



CAWANGAN: CAWANGAN JOHOR KAMPUS PASIR GUDANG

FAKULTI : KOLEJ PENGAJIAN KEJURUTERAAN

PROGRAM : SARJANA MUDA TEKNOLOGI KEJURUTERAAN (PENDIGITALAN DAN AUTOMASI) DENGAN KEPUJIAN

(BACHELOR OF ENGINEERING TECHNOLOGY (DIGITALIZATION & AUTOMATION) WITH HONOURS)

PELAN PENGAJIAN

KOMPONEN	KOD KURSUS	NAMA KURSUS	UNIT KREDIT	SEMESTER	
Kursus Universiti	LCC401	English For Mediating Texts	2	1	
	CTU552	Falsafah dan Isu Semasa	2		
	HBU111	Kesatria Negara I	1		
Kursus Teras Fakulti	MAT438	Foundation of Applied Mathematics	3		
Kursus Teras Program	ETM411	Introduction to CAD	3		
	ETE421	Introduction to Engineering	3		
	ETE431	Contemporary Electric Circuit	3		
Jumlah Unit Kredit			17		
Kursus Universiti	ELC590	English for Oral Presentations	2		2
	CTU554	Penghayatan Etika dan Peradaban II	2		
	HPD133	Community Service I	1		
	ENT600	Technology Entrepreneurship	3		
Kursus Teras Program	ETS482	Instrumentation & Measurement	3		
	ETC462	Computer Programming	3		
	ETL472	Applied Electronics	3		
Jumlah Unit Kredit			17		
Kursus Universiti	TAC401 / TMC401	Introductory Arabic (Level I) / Introductory Mandarin (Level I)	2	3	
	HPD233	Community Service II	1		
Kursus Teras Fakulti	MAT538	Applied Mathematics	3		
Kursus Teras Program	ETM513	Machining Lab	3		
	ETE523	Materials Engineering	3		
	ETC533	Object Oriented Programming	3		
	ETP543	Electrical Power Engineering	3		
Jumlah Unit Kredit			18		

Kursus Universiti	TAC451 / TMC451	Introductory Arabic (Level II) / Introductory Mandarin (Level II)	2	4
Kursus Teras Program	ETE554	Engineering Laboratory	3	
	ETC564	Embedded System	3	
	ETC574	Data Communication and Network	3	
	ETE584	Engineering Safety, Health & Ethics	3	
	ETE594	Industry Special Topic	4	
		Jumlah Unit Kredit	18	
Kursus Teras Fakulti	STA416	Applied Probability and Statistics	3	5
	ETE615	Project Planning & Management	3	
	ECE551	Multimedia Systems & Applications	3	
Kursus Teras Program	ETS665	Control System	3	
	ETC635	Internet of Things (IoT)	3	
	ETE645	Capstone Project	4	
		Jumlah Unit Kredit	19	
Kursus Universiti	TAC501/ TMC501	Introductory Arabic (Level III) / Introductory Mandarin (Level III)	2	6
Kursus Teras Program	ETM656	Total Quality Management	3	
	ETC667	Big Data Analytics	3	
	ETS686	Industrial Automation	3	
	ETE696	Final Year Project 1	4	
		Electives 1	4	
		Jumlah Unit Kredit	19	
Kursus Universiti	LCC502	English For Job Interviews	2	7
Kursus Teras Program	ETS657	Process Control	3	
	ETC676	Artificial Intelligence	3	
	ETE697	Final Year Project 2	6	
		Electives 2	4	
		Jumlah Unit Kredit	18	
	ETE680	Industrial Training	14	8
		Jumlah Unit Kredit	14	
Jumlah Unit Kredit Keseluruhan			140	
<i>Electives 1</i>	ETS660	SCADA	4	6
	ETC660	Cybersecurity	4	
<i>Electives 2</i>	ETM670	Robotic Technology	4	7
	ETL670	Semiconductor Technology	4	