

COURSE STRUCTURE DIPLOMA IN INFORMATION TECHNOLOGY (MQA FA2087)

Effective August 2023

YEAR 1/SEMESTER 1 (SEMESTER 1)

No.	COURSE NAME	COURSE CODE	COMPONENT	PRE-REQUISITE	CREDIT HOURS
1	Penghayatan Etika dan Peradaban	MPU 2183	MPU		3
2	Bahasa Kebangsaan A/Personality Development 2	MPU 1213/ MPU 2253	MPU		3
3	Constitution & Society/Pengantar Sains Sosial 1	MPU 2323/ MPU 2333	MPU		3
Total					9

YEAR 1/SEMESTER 2 (SEMESTER 2)

No.	COURSE NAME	COURSE CODE	COMPONENT	PRE-REQUISITE	CREDIT HOURS
1	Preparatory English	ENG 213	Common Core		3
2	Computer Essentials	COM 213	Common Core Computing		3
3	Discrete Mathematics	MAT 213	Common Core Computing		3
4	Fundamental of Programming	PRG 213	Common Core Computing		3
5	Introduction to Database	DTB 213	Common Core Computing		3
Total					15

YEAR 1/SEMESTER 3 (SEMESTER 3)

No.	COURSE NAME	COURSE CODE	COMPONENT	PRE-REQUISITE	CREDIT HOURS
1	Introduction to Statistics	QMT 323	Common Core Computing		3
2	Mainstream English	ENG 323	Common Core	ENG 213	3
3	Introduction to Cloud Computing	MLT 623	Common Core Computing		3
4	Introduction to Multimedia	MLT 613	Discipline Core		3
5	Principles of Marketing	MKT 513	Common Core		3
6	Introduction to Computer Networking	NET 313	Common Core Computing		3
Total					18

YEAR 2/SEMESTER 1 (SEMESTER 4)

No.	COURSE NAME	COURSE CODE	COMPONENT	PRE-REQUISITE	CREDIT HOURS
1	Object Oriented Programming	PRG 424	Discipline Core	PRG 213	4
2	Internet of Things (IoT) Technology	COM 414	Discipline Core		4
Total					8

YEAR 2/SEMESTER 2 (SEMESTER 5)

No.	COURSE NAME	COURSE CODE	COMPONENT	PRE-REQUISITE	CREDIT HOURS
1	Introduction to Operating System	COM 513	Common Core Computing		3
2	Web Design & Publishing	WEB 513	Discipline Core		3
3	System Analysis and Design	ANL 513	Common Core Computing		3
4	E-Commerce	MGT 613	Common Core		3
5	Entrepreneurship	ENT 413	Common Core		3
6	Co-Curriculum	MPU 2412	MPU		2
Total					17

YEAR 2/SEMESTER 3 (SEMESTER 6)

No.	COURSE NAME	COURSE CODE	COMPONENT	PRE-REQUISITE	CREDIT HOURS
1	Cybersecurity and Ethics	ETH 613	Common Core Computing		3
2	Computer Architecture	COM 614	Common Core Computing		4
3	Programming C++	PRG 614	Discipline Core		4
4	Project Development	PRT 616	Discipline Core		6
Total					17

YEAR 3/SEMESTER 1 (SEMESTER 7)

No.	COURSE NAME	COURSE CODE	COMPONENT	PRE-REQUISITE	CREDIT HOURS
1	Practical Training	PRAC 166	-		6
Total					6
TOTAL CREDIT HOURS					90