

Course Structure

Diploma in Information Technology – NQF 6 (360 credits)

1st Year - Academic

		NQF	Credits	Pre-requisites	
Core	Mathematics 151	MAT151	5	12	
	Computer Architecture 151	COA151	5	7	
	Database Development 151	DBD151	5	18	
	End user Computing 151	EUC151	5	7	
	English Communication 151	ENG151	5	7	
	Information Systems 151	INF151	5	12	
	Innovation and Leadership 101	INL101	5	5	
	Innovation and Leadership 102	INL102	5	5	
	Network Development 151	NWD151	5	7	
	Programming 151	PRG151	5	7	
	Programming 152	PRG152	5	13	PRG151
	Web Programming 151	WPR151	5	13	
				113	
Elective (<i>Choose one of</i>)	Business Management 151	BUM151	5	7	
	Entrepreneurship 151	ENT151	5	7	
				7	
			120		

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2nd Year - Academic

		NQF	Credits	Pre-requisites
Core: All Streams				
Information Systems 251	INF251	6	12	INF151
Innovation and Leadership 201	INL201	6	5	INL102
Operating Systems 251	OPS251	6	7	COA151
Project 251	PRJ251	6	10	PMM251
Project Management 251	PMM251	6	7	
Security 251	SEC251	6	8	
			49	
Fundamentals: Infrastructure Stream				
Database Administration 251	DBA251	6	7	DBD151
Network Development 251	NWD251	6	18	NWD151
Network Development 252	NWD252	6	12	NWD151
Operating Systems 252	OPS252	6	12	
Server Automation 251	SVA251	5	7	NWD251
Wireless Networking 251	WLN251	6	7	NWD151
			63	
Fundamentals: Software Development Stream				
Database Development 251	DBD251	6	11	DBD151
Database Models 251	DBM251	5	7	DBD151
Programming 251	PRG251	6	12	PRG152
Programming 252	PRG252	6	12	DBD251,PRG251
Web Programming 251	WPR251	6	10	DBM251,PRG151,WPR151
Web Programming 252	WPR252	6	11	WPR251
			63	
Elective: All streams (Choose one of)				
Enterprise Systems 251	ERP251	6	8	
Internet of Things 251	IOT251	6	8	WPR251,PRG151
			8	
			120	

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3rd Year – Experiential learning

		NQF	Credits
Applied Information Technology 350	AIT350	6	120
			120