



Information Technology

Certificate in Information Technology Essentials (CITE)
 Certificate in Information Technology (CIT)
 Diploma in Web Development and Design (DWDD)
 Diploma in Information Technology Technical Support (DOTTS)
 Diploma in Software Development (DSD)

		CERTIFICATE IN IT ESSENTIALS		CERTIFICATE IN IT		DIPLOMA IN WEB DEVELOPMENT + DESIGN		DIPLOMA IN IT TECHNICAL SUPPORT		DIPLOMA IN SOFTWARE DEVELOPMENT			
		COURSES CREDITS								Year 1		Year 2	
SEMESTER 1	Quarter 1	IT4001 IT Fundamentals	15	IT5010 Technical Support Fundamentals	15	IT5010 Technical Support Fundamentals	15	IT5010 Technical Support Fundamentals	15	IT5010 Technical Support Fundamentals	15	IT6040 Agile Project Management	15
		IT4002 Information Management	15	IT5016 Software Development Fundamentals	15	IT5016 Software Development Fundamentals	15	IT5016 Software Development Fundamentals	15	IT5016 Software Development Fundamentals	15	IT6042 Advanced Mobile Development	15
	Quarter 2	IT4003 Web Design	15	IT5015 Information Systems	15	IT5015 Information Systems	15	IT5015 Information Systems	15	IT5015 Information Systems	15	IT6006 Secure Web Application Development with Server-side Scripting	15
		IT4004 Software Development	15	IT5017 Web Concepts	15	IT5017 Web Concepts	15	IT5017 Web Concepts	15	IT5017 Web Concepts	15	IT6037 Data Access and Management	15
SEMESTER 2	Quarter 3	†		†		IT5005 Advanced Web Scripting	15	IT5025 Computer Servicing Skills	15	IT5005 Advanced Web Scripting	15	IT6038 Web Services	15
						IT5039 Client-side Development	15	IT5026 Operating Systems	15	IT5039 Client-side Development	15	IT6039 Software Testing and Maintenance	15
	IT5001 Testing and Deployment of Web Applications					15	IT5027 Networking	15	IT6033 Data Structures and Algorithms	15	IT6041 Software Project	30	
	IT5090 Web Application Capstone Project					15	IT5008 Database Administration and Management	15	IT6035 Mobile Development	15			
Quarter 4	Level 4		Level 5		Level 5		Level 5		Level 6, 120 credits		Level 6, 120 credits		
		60 credits		60 credits		120 credits		120 credits		240 credits			

† Certificate programmes may be offered in both semesters.

Note: Schedule may be subject to change



Information Technology

Bachelor of Applied Information Technology (BAppIT)

BACHELOR OF APPLIED INFORMATION TECHNOLOGY						
YEAR 1			YEAR 2		YEAR 3	
COURSES CREDITS						
COMPULSORY	IT7511 Technical Support Fundamentals	15	N/A		IT7745 IT Project 60	
	IT7512 Web Concepts	15				
	IT7521 Information Systems	15				
	IT7514 Software Development Fundamentals	15				
SPECIALISATION 1	Network Engineering and Security					
	IT7515 Computer Servicing Skills	15	IT7638 IT Security Fundamentals	15	IT7739 IP Switched Networks	20
	IT7516 Operating Systems	15	IT7629 Routing and Switching	15	IT7740 IP Routing	20
	IT7517 Networking	15	IT7630 Connecting Networks	15	IT7741 Troubleshooting IP Networks	20
	IT7518 Database Administration and Management	15	IT7631 Network Management	15		
			IT7632 Wireless Networking	15		
			IT7633 Unified Communications	15		
			IT7634 Network Security	15		
			IT7635 IT Management	15		
	OR			OR		OR
SPECIALISATION 2	Web and Software Development					
	IT7536 Event-driven Programming	15	IT7624 Secure Web Application Development and Server-side Scripting	15	IT7742 Advanced Programming	20
	IT7537 Web Programming	15	IT7625 Data Access Management	15	IT7743 Interaction Design	20
	IT7519 Advanced Web Scripting	15	IT7626 Web Services	15	IT7744 Web Technologies	20
	IT7520 Client-side Development	15	IT7621 Data Structures and Algorithms	15		
			IT7639 Advanced Mobile Development	15		
			IT7623 Mobile Development	15		
			IT7627 Software Testing and Maintenance	15		
			IT7628 Agile Project Management	15		
	Level 5 • 120 credits			Level 6 • 120 credits		Level 7 • 120 credits
360 credits						

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Information Technology

Master of Information Technology (MIT)
Postgraduate Diploma in Information Technology (PGDipIT)

MASTER OF INFORMATION TECHNOLOGY								
POSTGRADUATE DIPLOMA IN INFORMATION TECHNOLOGY					TRIMESTER 3			
TRIMESTER 1		TRIMESTER 2		TRIMESTER 3				
COURSES CREDITS								
COMPULSORY	IT8101 Research Methods and Skills	15	IT8109 Special Topic	30	IT9115 Project	60		
	IT8102 Technology Management	15						
ELECTIVES	Any 2 courses of the following:		Any 1 course of the following:					
	IT8103 Cyber Security (pre-requisite for Information Security Standards and Operations)	15	IT8107 Information Security Standards and Operations	30				
	IT8104 Data Analysis (pre-requisite for Data Science: Introduction, Management and Practice)	15						
	IT8105 Machine Learning	15	IT8108 Data Science: Introduction, Management and Practice	30				
IT8106 Ubiquitous Computing and Intelligent Systems	15							
Level 8, 60 credits		Level 8, 60 credits		Level 9, 60 credits				
PGDipIT, 120 credits								
MIT, 180 credits								

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