COMPUTER SYSTEMS TECHNOLOGY (T147) 2021-2022 PATHWAY

Semester 1: Fall 2021 or Winter 2022 (2021-01/02)			Delivery
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1151	IT Essentials		4
COMP1236	Fundamentals of Computing Logic		4
COMP 1223	Web Development Fundamentals		4
COMP 1245	Business Applications for Information Technology		3
MATH 1162	Mathematics for Computer Technology I		4
COMM 1007*	College English		3
		Total Hours	22

Based on the results of your placement test, you may be required to take COMM1003 (English Skills)* or CESL1003 (English Skills – ESL)*** before progressing to COMM1007. COMM1003/CESL1003*** does not count as a course required for graduation, and you will be charged for this extra course. Please visit Assessment Centre for more information.
***COMM1003/CESL1003 courses will be replaced by COMM1000 Introduction to College Communication starting with Winter 2022 intake.

Semester 2: Winter or Summer 2022 (2021-02/03)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1176	Introduction to Networks	COMP 1151	4
COMP 1250	Introduction to Programming	COMP1236	4
COMP 3105	Enterprise Desktop Operation Systems		3
COMP 3044	Linux Essentials		3
MATH 1172	Mathematics for Computer Technology II	MATH 1162	4
GSSC 1027	Personal Finance		3
		Total Hours	21

Semester 3: Fall 2022 (2022-01)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 3136	Network Infrastructure	COMP 1176	4
COMP 2064	Identity Management Services	COMP 3105	4
COMP 2155	Network Automation	COMP 1250	4
COMP 3066	Linux System Administration	COMP 3044	3
COMP 2148	Professional workplace competencies	COMM 1007	3
GNED	General Education Elective (Select One)		3
		Total Hours	21

Semester 4: Winter 2023 (2022-02)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 3138	Enterprise Networking and Automation	COMP 3136	4
COMP 2102	Wireless Technology Fundamentals		4
COMP 2141	Windows Server Network Infrastructure	COMP 2064	4
COMP 3061	Cyber Security Fundamentals		3
COMP 2156	DevOps For System Administration	COMP 2155	4
GNED	General Education Elective (Select One)		3
		Total Hours	22

Semester 5: Fall 2023 (2023-01)

STUDENTS SHARE A CORE GROUP OF COURSES FOR SEMESTER 5 AND 6 AND CHOOSE SEMESTER 5A1 (NETWORKING) OR 5A2 (SYSTEMS)

Common Courses			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 3093	Infrastructure Virtualization	COMP 2141	4
COMP 3098	Enterprise Network and System Design	COMP 3138 and	3
COMP 3115	Information Systems Project Management		3

NETWORKING STREAM (A1)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 3049	WLAN Administration	COMP 2102	4
COMP 3076	Network Infrastructure Security	COMP 3138	4
COMP 3112	IP Telephony and Streaming Services		4

SYSTEMS STREAM (A2)			
COMP 3114	Database Administration	COMP 2064	4
COMP 3102	Mail Server Administration	COMP 2141	4
COMP 3103	PowerShell Scripting		4
		Total Hours	22

Semester 6: Winter 2024 (2023-02)

Common Courses			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 3094	ITIL Foundation		3
COMP 3099	Capstone Project	COMP 3098	3
COMP 3108	Cloud Computing Infrastructure	COMP 3093	4

NETWORKING STREAM (A1)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 3107	Enterprise Network Management	COMP3049 and COMP3076	4
COMP 3111	Broadband and Data Communications	COMP3112	4

SYSTEMS STREAM (A2)			
COMP 3125	Cybersecurity Operations		4
COMP 3121	System Data Collaboration	COMP3114 and COMP3102	4
		Total Hours	18

PATHWAY SUBJECT TO CHANGE   Please note that ** is applicable for the Fall intake.
*** is applicable for the Winter intake.