

COMPUTER SYSTEMS TECHNOLOGY (T147) 2019-2020 PATHWAY			
Semester 1: Fall 2019 or Winter 2020 (2019-01/02)			Delivery
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1151	IT Essentials		4
COMP 1176	Introduction to Networks - CCNA 1		4
COMP 1223	Web Development Fundamentals		4
GSSC 1045	Business Applications for Information Technology		3
MATH 1162	Mathematics for Computer Technology I		4
COMM 1007*	College English		3
		Total Hours	22
*Depending on the results of your placement test, you may be required to take Foundation Level Communications: COMM 1003 (English Skills) or CESL 1003 (English Skills-ESL) before progressing to COMM 1007. Students placed in COMM 1003 or CESL 1003 will be charged extra tuition. Please visit the Assessment Centre for further information http://assessment.georgebrown.ca/			
Semester 2: Winter 2020 or Summer 2020 (2019-02/03)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1203	Routing and Switching Essentials - CCNA 2	COMP 1176	4
COMP 1231	Web Programming	COMP 1223	4
COMP 3105	Desktop Operating Systems	COMP 1151	3
COMP 3044	Unix Essentials		3
MATH 1172	Mathematics for Computer Technology II	MATH 1162	4
GSSC 1027	Personal Finance		3
		Total Hours	21
Semester 3: Fall 2020 (2020-01)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1196	Scaling Networks - CCNA 3	COMP 1203	4
COMP 2064	Windows Servers Active Directory Configuration	COMP 1232	4
COMP 2144	Web Server Administration	COMP 1231	4
COMP 3066	Unix System Administration	COMP 3044	3
COMP 2148	Professional workplace competencies	COMM 1007	3
GNEC	General Education Elective (Select One)		3
		Total Hours	21
Semester 4: Winter 2021 (2020-02)			
Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1197	Connecting Networks - CCNA4	COMP 1196	4
COMP 2141	Windows Server Network Infrastructure	COMP 2064	4
COMP 3061	Computer Security Fundamentals		3
COMP 2102	Wireless Technology Fundamentals		4
COMP 2152	Open Source development	COMP 2144	4
GNEC	General Education Elective (Select One)		3
		Total Hours	22
Semester 5: Fall 2021 (2021-01)			
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	COMP1197 and COMP2141	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 1197	4
COMP 3112	IP Telephony 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 2022 (2021-02)			
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 3113	Advanced Computer System Security	COMP3103	4
COMP 3121	System Data Collaboration	COMP3114 and COMP3102	4
		Total Hours	18
PATHWAY SUBJECT TO CHANGE			