Computer Programming (T186) 2024-2025 PATHWAY

Semester 1: Fall 2024 or Winter 2025 (2024-01/02)

Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1151	IT Essentials		4
COMP 1236	Fundamentals of Computing Logic		4
COMP 1234	Introduction to web development		4
COMP1238	Introduction to Data Management		3
MATH 1162	Mathematics for Computer Technology I		4
COMM 2000	*Communicating Across Contexts		3
		Total Hours	22

*Depending on the results of your placement test, you may be required to take Introduction to College Communication: COMM 1000 before progressing to COMM 2000. Students placed in COMM 1000 will be charged extra tuition. Please visit the Assessment Centre for further information http://assessment.georgebrown.ca/

Semester 2: Winter 2025 or Summer 2025 (2024-02/03)

Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1168	Database Management	COMP1238	4
COMP 1202	Object Oriented Programming	COMP 1236	4
COMP 1235	Introduction to full-stack development	COMP 1234	4
COMP 3044	Linux Essentials		3
MATH 1172	Mathematics for Computer Technology II	MATH 1162	4
GSSC 1027	Personal Finance		3
		Total Hours	22

Semester 3: Fall 2025 (2025-01)

Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 1230	Advanced Web Programming	COMP 1235	4
COMP 2139	Web Application Development	COMP 1202	4
COMP 2130	Application Development Using Java	COMP 1202	4
COMP 2147	System Analysis, Design and Testing		4
COMP2136	Software Quality Assurance		4
GNED	General Education Elective (Select One)		3
		Total Hours	23

Semester 4: Winter 2026 (2025-02)

Course Code	Course Title	Pre-Requisite	Hrs/wk
COMP 2080	Data Structures and Algorithms	COMP 2130	4
COMP 2151	Agile Software Development	COMP 2147	4
COMP 2148	Professional workplace competencies	COMM 2000	3
COMP2154	System Development Project	COMP 2147 and (COMP 3129 or COMP 1230)	4
COMP 2152	Open Source Development		4
GNED	General Education Elective (Select One)		3
		Total Hours	22

PATHWAY SUBJECT TO CHANGE