

| COMPUTER SYSTEMS TECHNOLOGY (T187) 2024-2025 PATHWAY, ONLINE | | | |
|--|---|------------------------|-----------|
| Semester 1: Fall 2024 or Winter 2025 | | | Delivery |
| 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 |
| GSSC 1027 | Personal Finance | | 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 or Summer 2025 | | | |
| 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 |
| GNED | General Education Elective (Select One) | | 3 |
| | | Total Hours | 21 |
| Semester 3: Fall 2025 | | | |
| 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 2000 | 3 |
| GNED | General Education Elective (Select One) | | 3 |
| | | Total Hours | 21 |
| Semester 4: Winter 2026 | | | |
| 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 |
| | | Total Hours | 19 |
| Semester 5: Fall 2026 | | | |
| 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 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 3138 | 4 |
| COMP 3112 | IP Telephony and Streaming Services | | 4 |
| SYSTEMS STREAM (A2) | | | |
| Course Code | Course Title | Pre-Requisite | Hrs/wk |
| 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 2027 | | | |
| 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) | | | |
| Course Code | Course Title | Pre-Requisite | Hrs/wk |
| COMP 3125 | Cybersecurity Operations | | 4 |
| COMP 3121 | System Data Collaboration | COMP3114 and COMP3102 | 4 |
| | | Total Hours | 18 |
| *PATHWAY SUBJECT TO CHANGE* | | | |