

COMPUTER SYSTEMS TECHNOLOGY (CETY)

Gear up with advanced skills to tackle any tech issue

Gain all the in-depth technical and customer service skills you need to manage and solve whatever IT challenge you confront. From cloud infrastructures to wireless access and network security, you'll train to configure desktop, server and network operating systems and study programming languages. Plus, you'll gain the communication and project management skills desired by employers.

Cambrian is an authorized Cisco Systems Networking Academy, Red Hat Academy, and Microsoft IT Academy. Our students regularly score medals at the annual Ontario Technological Skills Competition. Learn directly from industry experts with a seven-week placement in the sixth semester.

Program highlights

- Authorized Cisco Systems Networking Academy, Red Hat Academy, and Microsoft IT Academy
- Seven-week placement in semester six
- Learn network security from industry experts
- Join a winning team at the annual Ontario Technological Skills Competition
- Grads can challenge industry certifications that save you thousands of dollars and hundreds of hours

Program of study for 2025-26 Academic Year

Semester 1		Credits
CET 1022	Introduction to Networking	4
CET 1109	Windows Client for IT Professionals	4
CMP 1065	IT Essentials	4
CMP 1117	Introduction to Programming	4
ENG 1002	College Communications	3
One General Education course. ¹		3
Credits		22
Semester 2		Credits
CET 1023	Switching, Routing, and Wireless Essentials	4
CET 1014	PowerShell	4
CET 1037	Microsoft Azure Fundamentals	3
IOT 1105	Relational Databases	4
CET 1025	Linux System Administration	4
MTH 1235	Technical Math and Subnetting	3
Credits		22
Semester 3		Credits
CET 1024	Enterprise Networks, Security, and Automation	4
CET 1017	Adminstrating Windows Server Hybrid Core Infrastructure	4
CET 1112	REST API integration with Python	3
CET 3120	Advanced Linux Administration	4
CET 3115	Identity and Access Admin	4
IND 1025	Indigenous Business Workshop	1

One General Education course. ¹		3
Credits		23
Semester 4		Credits
ENG 1754	Technical Communication	3
CET 4100	Microsoft 365 Endpoint Admin	4
CET 2430	OpenStack Administration	4
CET 2415	Applied Project Management	3
ISP 3026	Spreadsheets for Business	3
One General Education course. ¹		3
Credits		20
Semester 5		Credits
CET 1026	Enterprise Core	4
CET 5120	Automating the Cloud	4
CET 5110	Microsoft 365 Administrator	4
CET 1217	Modern Wireless Communications	3
CET 5115	Info Protection & Compliance	3
CRM 1007	Cybersecurity Operations	4
Credits		22
Semester 6		Credits
CET 1310	Azure Security Technologies	3
CET 1027	Enterprise Advanced Routing and Services	4
CET 1218	Cyber Threat Tactics, Techniques and Procedures VS Enterprise Security	4
CET 6110	BCP and DR	3
CET 3601	Field Placement	6
Credits		20
Total Credits		129

¹ For more information regarding General Education courses, click here (<https://cambriancollege.ca/general-electives/>).

Admission requirements

For graduates of the new curriculum (OSS): Ontario Secondary School Diploma (30 credits) or equivalent or mature student status, including:

- Any grade 12 English (C) or (U)
- Any grade 12 mathematics (C) or (U) (MCT4C is highly recommended)

Additional admission requirements

Recommendations

Computer competency in relevant software

Program delivery

2025-2026

Fall term start

SEMESTER 1: Fall 2025
SEMESTER 2: Winter 2026
SEMESTER 3: Fall 2026
SEMESTER 4: Winter 2027
SEMESTER 5: Fall 2027
SEMESTER 6: Winter 2028

Winter term start

SEMESTER 1: Winter 2026

SEMESTER 2: Spring 2026

SEMESTER 3: Fall 2026

SEMESTER 4: Winter 2027

SEMESTER 5: Fall 2027

SEMESTER 6: Winter 2028

Specific program pathways

College or university degree opportunities

If you are a graduate of this program, you may continue your studies at a college or university and you may receive credit(s) for your prior college education. Refer to Cambrian's college and university agreements (<https://cambriancollege.ca/supports-services/articulation-agreements/universities-in-canada/>) details for further information.

Employment opportunities

Graduates are prepared for employment opportunities in educational, governmental, medical, retail, industrial, or other work environments and may obtain positions as a(n):

- Network administrator
- Network designer
- Network installer
- System administrator
- Information systems product support technician
- Network security specialist

Contacts

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INTERNATIONAL ADMISSIONS

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