

# COMPUTER SYSTEMS TECHNICIAN (CETN)

## Ontario College Diploma | 4 semesters | Barrydowne

Gain the in-depth networking and infrastructure skills to configure the information technology environment in all sizes and types of organizations. You will learn how to install, manage, and troubleshoot networks and internetworks; and local and remote servers.

### Program Highlights

- 2 year – 4 semesters
- Cambrian is an authorized Cisco Systems Networking Academy and Microsoft IT Academy
- Courses cover programming, server administration, LANs and WANs, client service, and more
- Graduates can enter directly into the third year of Cambrian's Computer Systems Technology program

### Quick Links

How to Apply (<http://cambriancollege.ca/apply/>)

Business and Information Technology (<http://cambriancollege.ca/field-of-study/business-and-information-technology/>)

### 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)

Recommended:

- Computer competency in relevant software

APPLY NOW! (<https://www.ontariocolleges.ca/en/apply-now/>)

## Program Delivery

### 2021-2022

This program will be delivered in the following terms:

#### Winter Term Start

1. SEMESTER 1 Winter 2022
2. SEMESTER 2 Spring 2022
3. SEMESTER 3 Fall 2022
4. SEMESTER 4 Winter 2023

### 2022-2023

This program will be delivered in the following terms:

#### Fall Term Start

1. SEMESTER 1 Fall 2022
2. SEMESTER 2 Winter 2023

3. SEMESTER 3 Fall 2023
4. SEMESTER 4 Winter 2024

#### Winter Term Start

1. SEMESTER 1 Winter 2023
2. SEMESTER 2 Spring 2023
3. SEMESTER 3 Fall 2023
4. SEMESTER 4 Winter 2024

For specific term start/end dates and other key dates/deadlines, please see the Academic Schedule (<http://cambriancollege.ca/apply/how-to-apply/academic-schedule/>) on our website.

## Program of Study for 2022-23 Academic Year

Semester 1		Credits
CET 1022	Introduction to Networking	4
CMP 1117	Introduction to Programming	4
CET 1109	Windows Client for IT Professionals	4
ENG 1002	College Communications	3
CMP 1051	IT Essentials	3
One General Education Course. <sup>1</sup>		3
<b>Credits</b>		<b>21</b>
Semester 2		Credits
CET 1023	Switching, Routing, and Wireless Essentials	4
CET 1019	Identity with Server Operating Systems	4
CET 1014	PowerShell	4
ISP 3026	Spreadsheets for Business	3
IOT 1105	Relational Databases	4
One General Education Course. <sup>1</sup>		3
<b>Credits</b>		<b>22</b>
Semester 3		Credits
CET 1024	Enterprise Networks, Security, and Automation	4
CET 1018	Networking with Server Operating Systems	4
CET 1025	Linux System Administration	4
CET 1111	Unified Communications	3
CET 1112	REST API integration with Python	3
One General Education Course. <sup>1</sup>		3
<b>Credits</b>		<b>21</b>
Semester 4		Credits
CET 1000	Enterprise Security	4
ENG 1754	Technical Communication	3
CET 1017	Installation, Storage, and Compute with Server OS's	4
CET 2415	Applied Project Management	3
CET 1026	Enterprise Core	4
CET 1106	Private and Public Cloud Infrastructures	4
CET 1034	Advanced Linux Administration	3
<b>Credits</b>		<b>25</b>
<b>Total Credits</b>		<b>89</b>

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

## Fees

### Tuition and Ancillary Fees

Please see our fees page (<http://cambriancollege.ca/fees/>) for the breakdown of tuition and mandatory ancillary fees by program and semester for both domestic and international students.

### Books & Supplies

The cost of books and supplies for Year 1 is approximately \$1,100. This is the best information available at the time of publishing to the website and is subject to change.

## Graduate Options

### Employment Opportunities

Graduates are prepared for employment opportunities as:

- Network Technician
- Network Administrator
- Helpdesk Support
- End-user Support

### Furthering Your Studies

Graduates can enter directly into the:

- Third year of Cambrian's Computer Systems Technology program
- IT Business Analysis graduate certificate program
- Project Management graduate certificate program
- Organization Management graduate certificate program

## College/University Degree Opportunities

Graduates from this program may continue their studies at college/university and may receive credit for their prior College education.

Refer to College/University Agreements (<http://www.cambriancollege.ca/agreements/>) for further information.

## Contacts

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Program Coordinator

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