

Computer Systems Technician - Networking (co-op)

CSTN

Ontario College Diploma

2 years (4 semesters + 2 co-op work terms)

Campus

Barrie

Intake

September/January/May

Five core computer system streams. Cisco Networking Academy partner. Two co-op work terms. Connections with key employers in the region.

In this program, students focus on networking, operating systems, system administration, virtualization and security related to new computer networks and the maintenance of existing computer networks. As an official Cisco Networking Academy partner, certified instructors assist students preparing for industry recognized certifications such as the Cisco Certified Network Associate (CCNA) Routing and Switching. Students gain experience in problem-solving, and effective oral and written communications through examination of current industry trends and requirements. Students acquire professional and entrepreneurial skills for industry and self-employment, as well as real-life experience through participation in co-op work terms.

Admission requirements

- secondary or high school transcripts with proof of graduation, subjects taken and grades received
- Math and English credits are required at the Grade 12 level
for requirements from your country visit georgiancollege.ca/international/admissions
- English language proficiency visit georgiancollege.ca/international/admissions
- for general admission requirements visit georgiancollege.ca/international/admissions

Mandatory courses

COMP2018 Linux System Administration
 COMP1035 Networking Essentials
 COMP1046 Windows System Administration
 COMP2017 Windows Server Administration
 COMP2057 Wide Area Networks
 MGMT2008 Project Management for Information Technology
 COMP2078 Emerging Technology and Innovation
 COMP1070 Computer Hardware and Virtualization
 COMP1071 Linux Network Administration
 COMP2101 Administrative Scripting
 COMP2103 Introduction to Information Security
 MATH1003 Math for the Computer Industry
 COMP1086 Routing and Switching Essentials
 COMP2122 Scaling Networks
 COMP2126 Windows Server Administration 2
 COMP1099 Introduction to Programming with Python
 COMP2075 Wireless Networking

Future education pathways

11 articulation agreements have been negotiated for this program with universities and other institutions across Canada, North America and internationally.
subject to change

Visit GeorgianCollege.ca/admissions/credit-transfer for additional information.

Career opportunities

SAMPLE JOB TITLES:

- assistant technician
- computer operations specialist
- help desk support technician
- network administrator/analyst
- project manager
- system/network maintenance agent
- technician hardware analyst
- web page designer

POTENTIAL EMPLOYERS:

- corporate offices
- federal government
- financial institutions
- health care
- manufacturers
- provincial government
- retailers
- school boards
- telecommunication companies

EMPLOYMENT RATE

75%

KPI data is provided from those who responded to the survey, and may not be representative of the experience of every student in the graduating class. Number does not include students who returned to school or who are self-employed.

AVERAGE STARTING SALARY

\$36,000 CAD

Information provided by Co-operative Education and Career Success

AVERAGE ANNUAL SALARY

\$70,292 CAD*

**Information provided by the Government of Ontario website*

