

NETWORKING TECHNOLOGY CERTIFICATE

Purpose

The Networking Technology Certificate provides students with the opportunity to advance in their careers by upgrading their technical skills to gain a Certificate in Networking Technology.

Duration

Students may take 1-4 courses per term. Some courses are available only once per year. Students may complete the program within 1-2 years on a part-time basis.

Learning Outcomes

Upon successful completion of this program, graduates will be able to:

1. Understand and design wired and wireless network infrastructures, including Local Area Networks
2. Define, isolate, analyze, resolve, and document problems in a Windows environment
3. Install, maintain, and monitor Windows Server systems
4. Understand and design Internet services, such as web servers and file transfer
5. Provide client support and communicate troubleshooting findings
6. Lead, manage, and direct small to medium-scale IT projects
7. Understand and develop basic security measures including defence in depth, authentication, authorization and access control
8. Develop hands on skills with Microsoft operating systems and applications
9. Understand the importance of Transmission Control Protocol/Internet Protocol
10. Install, configure and maintain Active Directory Domain Services

Admission Requirements

VCC welcomes applications from Canadian citizens and permanent residents.

As Vancouver Community College is a post-secondary institution committed to educating adult learners, applicants should be 18 years of age or older or a graduate of a secondary school.

Program Requirements

Code	Title	Credits
Required Courses		
NETT 2113	Server Fundamentals	2
NETT 2122	Project+ Management	2
NETT 2206	Directive Studies	4
Elective Courses		
Students in the Certificate program may select any three of the following courses as electives.		6

NETT 2104	MTA Networking Fundamentals
NETT 2119	A+ Hardware
NETT 2107	Active Directory
NETT 2105	Security Fundamentals
Total Credits	14

This guide is intended as a general guideline only. The college reserves the right to make changes as appropriate.

Evaluation of Student Learning

Students will be evaluated using a combination of assignments, projects, presentations, theory and/or practical exams. External examination will be required for professional certifications.

Prior Learning Assessment and Recognition (PLAR)

Exemptions may be granted for industry certifications upon approval of the Program Coordinator to a maximum of 50% of the program credits. All exemptions are subject to administrative fees.

Transcript of Achievement

The evaluation of learning outcomes for each student is prepared by the instructor and reported to the Student Records Department at the completion of semesters.

The transcript typically shows a letter grade for each course. The grade point equivalent for a course is obtained from letter grades as follows:

Grading Standard

Grade	Percentage	Description	Grade Point Equivalency
A+	95-100		4.33
A	90-94		4.00
A-	85-89		3.67
B+	80-84		3.33
B	75-79		3.00
B-	70-74		2.67
C+	65-69	Minimum Pass	2.33
C	60-64		2.00
C-	55-59		1.67
D	50-54		1.00
F	0-49	Failing Grade	0.00
S	70 or greater	Satisfactory – student has met and mastered a clearly defined body of skills and performances to required standards	N/A

U	Unsatisfactory – student has not met and mastered a clearly defined body of skills and performances to required standards	N/A
I	Incomplete	N/A
IP	Course in Progress	N/A
W	Withdrawal	N/A
Course Standings		
R	Audit. No Credits	N/A
EX	Exempt. Credit Granted	N/A
TC	Transfer Credit	N/A

Grade Point Average (GPA)

1. The course grade points shall be calculated as the product of the course credit value and the grade value.
2. The GPA shall be calculated by dividing the total number of achieved course grade points by the total number of assigned course credit values. This cumulative GPA shall be determined and stated on the Transcript at the end of each Program level or semester.
3. Grades shall be assigned to repeated courses in the same manner as courses taken only once. For the purpose of GPA calculation of grades for repeated courses, they will be included in the calculation of the cumulative GPA.