



# Network Security and Ethical Cyber Piracy (ACS)

**2 YEARS | 4 SEMESTERS**

## Program overview

The Network Security and Ethical Cyber Piracy (NSECP) program is designed to meet the high demand for information system security analysts and related IT security professionals across multiple sectors – including consulting services, finance and health care. Students graduating from this program will enter into a specialized information and communication technology (ICT) field. They will have the capabilities to assess and evaluate security risks and threats to physical and digital infrastructure, develop and implement security contingency planning, and lead the development of policies and procedures to ensure that security risk is minimized.

The average salary for a Network Security / Cyber Security engineering professionals in Canada is \$ 85,582 (Source: Payscale.com)



## Course outline

The NSECP program provides training in skills required for a career in Network Security or Cyber Security. You will develop and implement network and cyber-security solutions considering the affordances and limitations of the computer operating systems, networks, application software, and packages available.

You will develop best practices, strategies and processes to protect business resources through the application of knowledge of vulnerabilities and exploits.

You will plan, implement, and evaluate cybersecurity policies and strategies using project management principles to effectively respond to the needs of the organization's information security requirements.

You will perform security audits to ensure risk mitigation and compliance with security plans, policies, standards, regulations and best practices.

## Skills gained

- ✓ Process information relating to the realities of the computer work environment
- ✓ Use programming languages
- ✓ Deploy a local computer network
- ✓ Carry out information security prevention activities
- ✓ Deploy Intranet servers
- ✓ Deploy Internet servers
- ✓ Deploy computer network interconnection devices
- ✓ Use and adapt management methods and tools

You will use the skills and competencies gained during the program to work on a Network Security / Ethical Cyber Piracy project.

## Top careers choices:

- ✓ Network Security Engineer
- ✓ Network Security Analyst
- ✓ Network Security Administrators
- ✓ Security Consultant (Computing / Networking / Information Security)
- ✓ Cybersecurity Engineer
- ✓ Cybersecurity Analyst
- ✓ Certified Information Systems Security Professionals
- ✓ Security Architects
- ✓ Ethical Hacker



## ADMISSION CONDITIONS

- Bachelor's Degree or recognized equivalent with a minimum of 15 years of formal education
- IELTS with overall score 6 band nothing less than 6.0 in any module or overall 6.5 nothing less than 5.5 in any one module.
- We are also considering TOEFL, PTE and DUOLINGO scores for January 2021 intake.



### DURATION

2 Years | 4 Semesters

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