



## NETWORK SECURITY DIPLOMA

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### DURATION

14 Months Full-time

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### TUITION

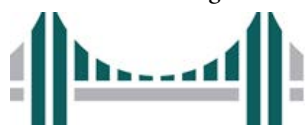
\$15,700 Domestic  
\$21,500 International

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### STARTING

August

*Fees in Canadian Dollars and subject to  
change.*



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# Network Security Diploma

The Network Security Diploma is a joint programming initiative between Professional, Applied & Continuing Education (PACE) and Manitoba Institute of Trades and Technology (MITT)\*. This program blends hands-on learning with the theoretical concepts of IT security. Graduates will have an in-depth knowledge of, and training in, various protocols, network standards, designs and security solutions. This program actively integrates the dynamics of MITT's Regional CISCO Academy with the University's cryptography and security schematics.

*\*Students will attend classes at the UWinnipeg campus, MITT's Henlow Bay Campus CISCO Lab, and at Sisler High School's CISCO Lab.*

*Graduates will receive the Network Security Diploma and the Management Certificate*



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## Full-time Program Tuition, Fees, and Expenses:

\$15,700\* Domestic Students' Tuition

\$21,500\* International Students' Tuition

Estimated Textbook and Supplies: \$2,000\*\*

Laptop Required by Student

\* Fees in Canadian Dollars and subject to change.

\*\* Textbook costs may vary depending on new, rental, used, or electronic purchasing choices.

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## Career Opportunities

Graduates have established exciting careers in the following areas:

- Security Specialist
- Network Administrator
- Network Auditor
- Security Auditor
- Consultant

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## Full-time Program Features

- Resume and Job Search Training
- Specialized Curriculum for High-Growth Industries
- Includes an Internship Placement\*
- Professional Designation-Aligned Program Content
- Industry-Recognized Instructors

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## Ideal Applicant

- IT background (engineer, programmer or administrators)
- Strong analytical skills

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## Top Jobs

Network Security Analyst: #4 of the 20 top-paying STEM Jobs for Recent College Graduates.

*Source: Dill, K. 2015. The Top-Paying STEM Jobs for Recent College Graduates. Forbes.com*

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## Internship \*

Internships provide a pathway to a wider network of industry contacts and offers students a chance to try out potential employers. Internships provide students with an opportunity to further develop their professional skills, while gradually increasing work responsibilities under the guidance of a seasoned practitioner.

*\* Subject to Eligibility*

*A four week internship is included in the course duration.*

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## Curriculum

- Business Fundamentals
- Cisco CCNA Ethical Hacking \*
- Cisco CCNA Level 1 \*
- Cisco CCNA Level 2 \*
- Cisco CCNA Level 3 \*
- Cisco CCNA Level 4 \*
- Cisco CCNA Security \*
- Cisco CCNA Voice \*
- Computer Forensics
- Cryptography and Encryption
- Effective Oral Communication
- Effective Written Communication
- Ethics and Corporate Social Responsibility
- Essential Skills for Managers
- Final Project
- Financial Management for Non-Financial Managers
- Information Security Management
- Incident Response
- Indigenous Perspective Seminar
- Organizational Behavior
- Programming Basics for Server Administration
- Project Management Fundamentals
- Resume Building and Job Search Techniques
- Safeguards and Countermeasures
- Unix Server Administration Fundamentals
- Vulnerability Analysis
- Web Security
- Windows Server Administration Fundamentals
- Wireless Implementation

Note: Program content subject to change given local job market requirements.

\* Course offered at MITT

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**APPLY ONLINE TODAY @ [PACE.UWINNIPEG.CA](http://PACE.UWINNIPEG.CA)**

**FOR MORE INFORMATION: [PACEft@uwinnipeg.ca](mailto:PACEft@uwinnipeg.ca)**

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