



## NETWORK SECURITY DIPLOMA

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### DURATION

16 Months Full-time

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### TUITION

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

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### STARTING

August & February

*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:  
\$2500-\$3000\*\*  
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

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

\* Course offered at MITT

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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

- Applied Open Source Server Administration
- Applied Windows Server Administration
- Business Fundamentals
- C Programming Basics
- Cisco CCNA Ethical Hacking \*
- Cisco CCNA Level 1 \*
- Cisco CCNA Level 2 \*
- Cisco CCNA Level 3 \*
- Cisco CCNA Level 4 \*
- Cisco CCNA Security \*
- Cisco Collaboration \*
- Effective Oral Communication
- Effective Written Communication
- Essential Skills for Managers
- Financial Fundamentals
- Final Project
- Indigenous Perspective Seminar
- Information Assurance and Security Level 1: Security and Risk Management (CISSP Domain 1)
- Information Assurance and Security Level 2: Asset Security (CISSP Domain 2)
- Information Assurance and Security Level 3: Security Engineering (CISSP Domain 3)
- Information Assurance and Security Level 4: Identity and Access Management (CISSP Domain 5)
- Information Assurance and Security Level 5: Security Assessment and Testing (CISSP Domain 6)
- Information Assurance and Security Level 6: Security Operations (CISSP Domain 7)
- Introduction to Open Source Server Administration
- Introduction to Windows Server Administration
- Organizational Behaviour
- Python Scripting
- Powershell Scripting for Server Administration
- Project Management Fundamentals
- Resume Building and Job Search Techniques

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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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