



NETWORK SECURITY DIPLOMA

DURATION

16 Months Full-time

TUITION

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

STARTING

August & February

*Fees in Canadian Dollars and subject to
change.*



MANITOBA INSTITUTE OF
TRADES AND TECHNOLOGY



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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Curriculum for High-Growth

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.*

Career Opportunities

Graduates have established exciting careers in the following areas:

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

Top Jobs

For Computer network technician, over the period 2017-2026, new job openings (arising from expansion demand and replacement demand) are expected to total 23,200. *Source: Canadian Government Job Outline Market Report*



Full-time Program Features

- **Two Credentials included:**
 - Network Security Diploma
 - Management Certificate
- Resume and Job Search Training
- Specialized Curriculum for High-Growth Industries
- Includes an Internship Placement*
- Professional Designation-Aligned Program Content
- Industry-Recognized Instructors

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.

Curriculum

- Applied Open Source Server Administration
- Applied Windows Server Administration
- Business Fundamentals
- C Programming Basics
- Cisco CCENT Level 1 ^
- Cisco CCENT Level 2 ^
- Cisco CCNA Ethical Hacking ^
- Cisco CCNA Level 3 ^
- Cisco CCNA Level 4 ^
- Cisco CCNA Security ^
- Cisco Collaboration ^

Curriculum Continued

- Effective Oral Communication
- Effective Written Communication
- Essential Skills for Managers
- Ethics & Corporate Social Responsibility
- Final Project
- Financial Fundamentals
- Indigenous Perspectives
- Information Assurance & Security Level 1: Security & Risk Management (CISSP Domain 1)
- Information Assurance & Security Level 2: Asset Security (CISSP Domain 2)
- Information Assurance & Security Level 3: Security Engineering (CISSP Domain 3)
- Information Assurance & Security Level 4: Identity & Access Management (CISSP Domain 5)
- Information Assurance & Security Level 5: Security Assessment & Testing (CISSP Domain 6)
- Information Assurance & Security Level 6: Security Operations (CISSP Domain 7)
- Introduction to Open Source Server Administration
- Introduction to Windows Server Administration
- Organizational Behaviour
- Powershell Scripting for Server Administration ^
- Project Management Fundamentals
- Python Scripting
- Resume Building & Job Search Techniques
- Writing for Academic Success

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

^ Course offered at MITT

APPLY ONLINE TODAY @ PACE.UWINNIPEG.CA

FOR MORE INFORMATION: PACEft@uwinnipeg.ca

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