



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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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

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

* Course offered at MITT



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

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*

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 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

APPLY ONLINE TODAY @ PACE.UWINNIPEG.CA FOR MORE INFORMATION: PACEft@uwinnipeg.ca

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