Information and Cybersecurity Management Certificate

Make Your Next Career Move With Practical Knowledge, Skills, and Abilities

Course Overview

Professional Development Institute
Big networks and big data need security systems built and managed by professionals with a solid grasp of today’s threats and tomorrow’s challenges. Get the knowledge, skills, and abilities you need to go beyond theoretical concepts and position yourself as a true management professional in information and cybersecurity systems.

The Information and Cybersecurity Management Certificate program from the University of Ottawa Professional Development Institute (PDI) will put you on the right path to a career in this demanding field as a:

- Risk manager
- Project manager
- Analyst
- Investigator
- Internal auditor
- Project coordinator
- Consultant
- Internal trainer
- Administrator
- Researcher

Once completed, you’ll be better equipped to:

- Recognize information and cybersecurity threats
- Know how to describe threat landscapes and identify threat vectors
- Interpret how to align regulations, frameworks, and standards to your organization’s business requirements
- Assess, analyze, and measure the effectiveness of information security management systems

Be Relevant

Unlike other offerings, this program is built on a dynamic training curriculum and in-depth exposure to concepts that go beyond the basics and yesterday’s information. The breadth and depth of the curriculum enables you to go beyond conversational-level knowledge so you can implement effective systems and programs.

In addition to the fundamentals, the curriculum provides detailed knowledge and applicable skills in the most critical areas of information and cybersecurity management, including:

- Risk management frameworks
- Cybersecurity implementation and management
- Frameworks and standards and how to apply them

Prepare for the Real World

This in-depth program offers a Professional Development Certificate and Professional Development Advanced Certificate. Both options enable you to address your career growth aspirations with marketable skills public and private sector employers are looking for today.

You’ll get a grounding in the technical requirements and business value of effective cyber-protection systems, and the skills you need to manage a cybersecurity system, project, program, or team.
Stay Current

Program courses go beyond asynchronous, impersonal, self-driven options, and general information you can get out of a textbook. They provide the knowledge and business-critical skills you need to address real-world challenges with complex protection systems.

All courses are delivered as in-person or remote learning by instructors with extensive experience in the field. These instructors take a personal interest in your learning process. They guide the development of the technical, business, and management skills you will need to manage an information and cybersecurity team or initiative. And they are focused on practical, hands-on learning through:

- Topical discussions, models, tools, and techniques
- Case studies
- Individual and group exercises
- A capstone project
- A self-assessment test

Instructors also incorporate today’s information and cybersecurity news into the curriculum in near real time. This makes it easier to understand how current challenges in the field can be addressed through a balanced integration of theoretical concepts, best practices, and the most effective protection techniques and programs in use today.

Get an Unbiased, Global View

Most importantly, this program is technology- and policy-neutral. It is designed, structured, and delivered based on a blend of learning processes and real-world experiences. This ensures you get a truly unbiased world view of universally applicable information and cybersecurity principles and practices presented from a neutral, Canadian perspective.
Trust Proven Professional Development
This unique program is an integral part of a continuum of learning ecosystem in security, cybersecurity, and other disciplines we offer.

The University of Ottawa Professional Development Institute has provided professional development to individuals and organizations in the public and private sector for over 40 years. Every year, thousands of public sector professionals and private sector leaders benefit from a variety of continuous learning programs delivered on campus and online.

Today, we are the largest supplier of professional development to government organizations in Ottawa, and we are at the forefront of professional development in Canada and beyond.

Define the Career You Want
The Information and Cybersecurity Management Program consistently receives an extremely high satisfaction level in surveys conducted by participants in both the public and private sector. It is ideal for:

- Managers and senior managers who manage or lead technology teams
- Project managers with requirements to manage new information and cybersecurity projects
- Individuals who have information and cybersecurity elements in their workplace
- Individuals who deal with information management systems, or assess information and cyber-risks
- Individuals looking for a new career or career enhancements

Visit our website to learn how this program can help you make your next career move in information and cybersecurity management.