

## The Cybersecurity Certificate Program with Ithaca College

Cybersecurity is the #1 business issue according to Forbes. Cyber events rank among the top three triggers for D&O derivative actions. The Ithaca College Cybersecurity Certificate Program provides you with the latest digital strategies and tools to stay ahead of cyber events. Combining industry thought leaders and top academic faculty, you'll develop the skills and knowledge to increase cyber resilience and face the challenges by elevating the experience and expertise of your firm.

### Ithaca College Cybersecurity Certificate Program an “outstanding” learning experience.

In 2001, 10% of a business was digital, today 85% of an organization's value is digital. Everyone in the organization uses digital assets and must protect them. Now more than ever, companies must have effective cyber risk strategies. The Cybersecurity Certificate Program is a hands-on, 4-day immersion program where you learn to apply principles and techniques that drive cyber resiliency in the digital age. Roll up your sleeves and use live data in our application to solve real-world challenges using best practices developed by top companies. Our subject matter experts and professional instructors guide you through every step. The program will help you develop skills and create a unique roadmap enabling your company to thrive in the age of cybersecurity.

### Instructors: Pioneers, industry leaders, top professionals, and experts

Gain direct access to world-renowned Ithaca College Certificate faculty, including both top academic researchers, leading practitioners and industry thought leaders. Our faculty and leadership work in, or consult with, the cybersecurity industry on a regular basis. Learn more about our program at [cyber.ithaca.edu](http://cyber.ithaca.edu)



**JOIN OUR IN CLASSROOM PROGRAM - \$4,995**

#### SAMPLE SCHEDULE

|       |            |                                    |
|-------|------------|------------------------------------|
| Day 1 | 9:00-12:00 | Cybersecurity Strategies           |
|       | 1:00-4:00  | Managing Threats & Vulnerabilities |
| Day 2 | 9:00-12:00 | Risk Assessment Tools              |
|       | 1:00-4:00  | Cybersecurity Leadership           |
| Day 3 | 9:00-12:00 | Legal & Compliance Issues          |
|       | 1:00-4:00  | Cyber Hygiene                      |
| Day 4 | 9:00-12:00 | Responding to the Cyber Crisis     |
|       | 1:00-4:00  | Managing Implementation            |

## Program Summary

The Ithaca College Cybersecurity Certificate Program conducted in a convenient New York City location is a rigorous, four-day non-credit curriculum led by prominent cybersecurity experts, many of whom advise governments, agencies, and industry bodies around the world. The program brings together executives, experts, innovators, and regulators to address cybersecurity from a digital point of view. Away from your daily routine, you'll be immersed in real-life challenges, expert thought leadership, hands-on applications, strategy sessions, and innovation frameworks. Learn more at <http://cyber.ithaca.edu/>

The Ithaca College Cybersecurity Certificate Program consists of eight sessions that meet in the morning and the afternoon. Below are the eight course modules in the curriculum taught during the program. Each module is delivered in-person or online. The online application is open enrollment, offering maximum flexibility.

Before the class date, students are provided with access to the learning management system, pre-reading materials, textbook, and course workbooks. A case study assignment with a template is provided to each student. Quizzes follow each module and are graded in class to facilitate students' grasp of the concepts.

### Module 1

#### Cybersecurity Strategies

- Introduction to cybersecurity
- Making the business case for cybersecurity
- Develop a cybersecurity strategy

### Module 2

#### Managing Threats & Vulnerabilities

- Identify threats and vulnerabilities to your data
- Understand the threat actors and their motivators
- Assess your main threats to business data

### Module 3

#### Risk Assessment Tools

- Anti-viruses, firewalls and encryptions
- Process the metrics needed to measure risk exposures
- Managing and interpreting risk assessment reports

### Module 4

#### Cybersecurity Leadership

- Building and managing your cyber security teams
- Addressing Human Resources and compliance issues
- Cyber Security management tools and techniques

## Module 5

### Legal & Compliance Issues

- Understanding the regulatory environment
- Develop an approach to work with your legal and compliance department
- Ensure access to protected data is authorized

## Module 6

### Cyber Hygiene

- Identifying your personal responsibility
- How to prevent the #1 threat to your business
- Maintain system health and improve online security

## Module 7

### Responding to the Cyber Crisis

- Regulations and standards
- Response, data collection and processing
- Managing through a breach

## Module 8

### Managing Implementation

- Understanding change management for cybersecurity
- Creating organizational structures for managing cybersecurity
- Resolving critical implementation issues

## Your Personal Cybersecurity Capstone Project

Illustrate your success at the Ithaca College with a personalized, detailed action plan including your organization's goals and key performance indicators to develop an ROI strategy.

## Distinguish Yourself as a Leader... with Your Cybersecurity Certificate from Ithaca College

The Ithaca College Cybersecurity Certificate Program provides you the differentiating factor. It proves that you have completed all modules as well as the cumulative Capstone Project. You walk away with confidence and your professional Cybersecurity Portfolio. Learn more at <http://cyber.ithaca.edu>.

