ITHACA COLLEGE

CHANGING THE LANDSCAPE OF LEARNING

PROFESSIONAL ONLINE LEARNING TO TRANSFORM YOUR LIFE

Cybersecurity

Ithaca Cybersecurity Certificate Program –Online

You aspire to stand out from the others. You aim to be better and more valuable than your competition. Reaching this level of dexterity may have seemed out of your grasp. Until now.

Your own pace in your own space

Enjoy the benefits of online learning. Create your own schedule and complete the course at your convenience.

During the 8-module Cybersecurity Certificate Program, you'll solve real-world challenges and use best practices developed by top companies. Cybersecurity experts guide you through every step of your journey. Build your toolset and develop your unique, personalized Cybersecurity Portfolio.

Industry leaders, professionals & educational experts

Gain direct access to the world-renowned faculty –industry leaders who practice the art of Cybersecurity every day. Learn more about our exceptional faculty at cyber.ithaca.edu

Online learning benefits:

- Absorb at your own pace.
- Easily fits into your busy schedule.
- Relax in your own environment .
- Replay video presentations.
- Review materials as often as needed.
- Partake in subject discussions.
- Download course templates to share.

Register at https://cyber.ithaca.edu

917-268-8897

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PROGRAM SUMMARY

All business organizations today can benefit from professionals with sharpened cybersecurity skills. The average cost to a company that falls victim to a malware attack is $2.4 million, in addition to an average of 50 days of lost productivity. With the potential costs so high, mitigating the very real risk of cyberattacks should be among every professional's top priorities. To help you get started, our course address the issues that matter most, covering high stakes security topics identified by top CISO's as the ones that keep security professionals up at night. Our training curriculum outlines learning objectives, topics to cover and exercises to help your comprehension and keep your organization safe from cybersecurity attacks.

MODULE 1: Cybersecurity Foundations and Frameworks

In our volatile digital world, the cyber threats you don't know about are the most dangerous ones there are. Cybersecurity Foundations and Frameworks teaches you to assess where your organization sits amid the cyber threat landscape and to identify risks, threats and vulnerabilities associated with your industry. Through practical learning scenarios rooted in real-world examples, this module teaches you to prioritize the most effective elements of security frameworks for your organization and to manage cybersecurity frameworks within the context of industry compliance regulations.

MODULE 2: Cybersecurity Strategy

What cyber threats might your company realistically face today? How will you orchestrate the resources at your disposal to defend against them? Cybersecurity Strategy teaches you to take an active role in setting and participating in cybersecurity strategy within your organization. Through deep engagement with real-world case studies, you will learn to create a strategic assessment strategy to optimize your capabilities and prioritize your spend; analyze the validity, value and reliability of threat intelligence; proactively detect and mitigate cyber risks when conducting new business initiatives and transactions; and effectively employ automation and orchestration.

MODULE 3: Cybersecurity Risks and Industry

You might know everything you can about the cyber threat landscape, but do you have a plan of action to utilize that knowledge? This module teaches you to address gaps within your organization in terms of the people, processes and technologies responsible for preventing, mitigating and responding to cyberattacks. Through practical learning scenarios that address common cybersecurity incidents and concerns, you will learn to develop an incident response plan for your organization; deputize non-security staff to participate; align processes, policies and tools to upgrade your company's security capabilities; and prioritize strategic education initiatives for your team.

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MODULE 4: Cyber Threat Intelligence

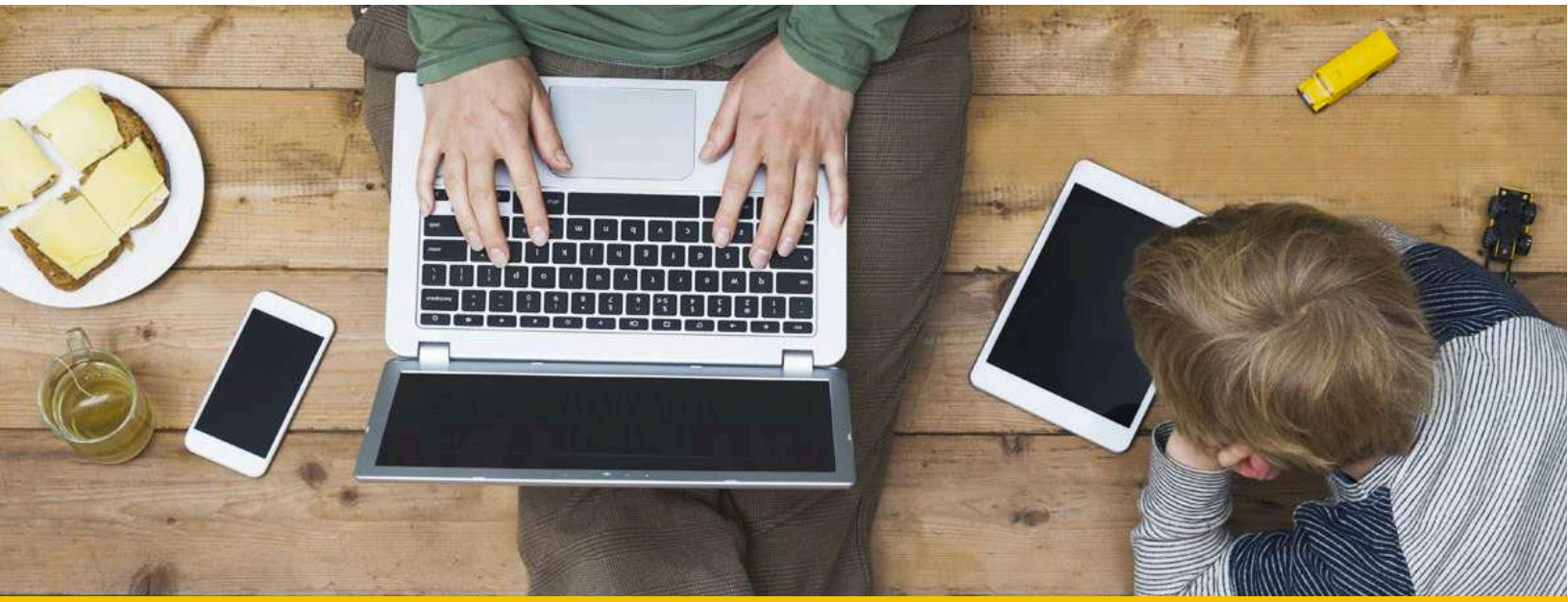
Where do you find the latest intelligence into evolving cyber threats? And how do you know who to trust? Cyber Threat Intelligence trains professionals to understand and act upon the cybersecurity-related information available to them. You will learn to identify open-source, third-party and internal sources of threat intelligence; evaluate the worth and applicability of intelligence within your organization and industry; summarize gathered intelligence in a manner that is clear and intelligible to all audiences; and operationalize intelligence within your security team.

MODULE 5: Cloud Security

Cybersecurity may seem straightforward when your data is housed on your own servers, but what happens when it's out of your hands? Cloud Securityprepares you with the knowledge and mindset to maintain a culture of security in an organization that utilizes cloud environments. You will learn to distinguish between on-premise security systems and those used in cloud-based services, and you will build the knowledge to identify appropriate on-premise security controls that should be present in cloud environments as well as security controls that can be applied in cloud environments. Using real-world examples, you will practice applying these controls effectively.

MODULE 6: Cyber Risk Management (Governance Risk & Control)

Master the process of identifying potential risks, assessing the impact of those risks, and planning how to respond if the risks become reality. It is important for every organization, no matter the size or industry, to develop a cybersecurity risk management plan. You will learn to engage the enterprise, gain a management level perspective of cybersecurity within the organization, and develop plans and policies. Focus on the following risk types, Technology, Information, Cyber Risk, Business Resilience, Reputational and Regulatory Risk.



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MODULE 7: Cyber Regulations, Privacy & Law

This module encapsulates the legal issues related to use of the Internet, regulations and law covering digital information (including information security and electronic commerce. The module is specially designed to introduce Cyber Law Fundamentals, Privacy, Regulations and Digital Forensics. This is made possible by discussing the in-depth concepts of Cyber-crime and Cyber Terrorism, the hacking techniques used by terrorist communities, encryption standards used.

MODULE 8: Cyber Incidents & Breach Response

This module is designed to introduce how to develop three important protection plans for incident response: a business impact analysis (BIA), a Business Continuity Plan (BCP) and a Disaster Recovery Plan (DRP). The module emphasizes the recovery time objective (RTO), an important metric for recovering data, which is vital in the aftermath of a disaster. You'll also learn how to define a process for recovery procedures, identify a backup solution for saving your own data, test and verify your backup and explain how you can lower RTO with proper backup and recovery procedures. At the conclusion of the module, you'll know how to develop a robust incident response plan for your business.

Lead the Cybersecurity Movement with Your Certificate from Ithaca

Your Ithaca College Cybersecurity Certificate provides you the differentiating factor. It proves that you have completed all modules, as well as the cumulative Capstone Project. You'll walk away with confidence and your own, professional Cybersecurity Portfolio.

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YOUR NEXT STEP

LEARN
CREATE
IMMERSE
REFLECT
CHALLENGE
GROW
IMPLEMENT
LEAD
DRIVE
STRATEGIZE
MOTIVATE
INSPIRE

Attend Ithaca College online learning to generate new ideas, conversations and solutions to help your company lead the industry and become more profitable.

Contact us to learn how you can begin your journey with the Ithaca Online Cybersecurity Certificate Program today!

CALL US TODAY
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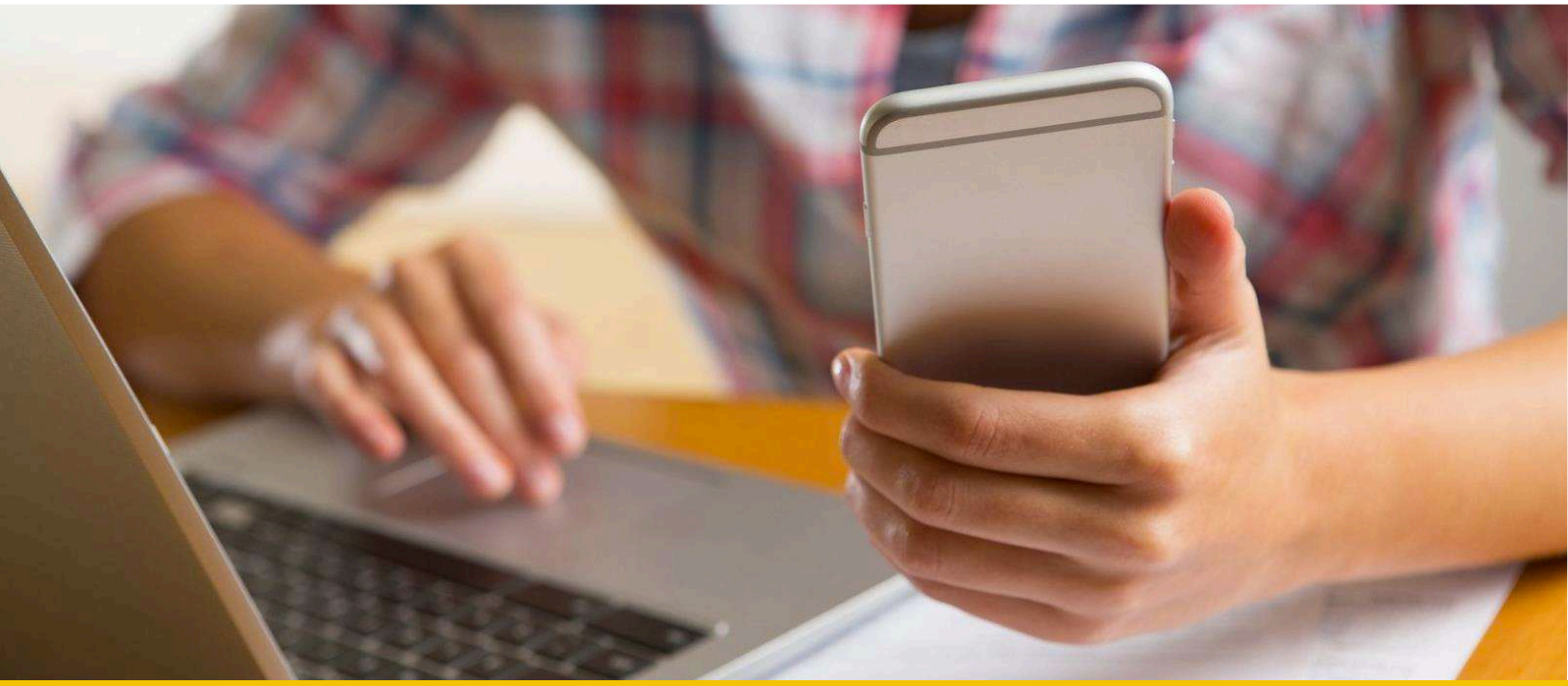

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