



Cybersecurity Program

PROGRAM OVERVIEW

In today's digital landscape, where over 6 billion records were breached in more than 2,700 incidents across industries in 2024, robust cybersecurity is no longer optional—it's critical. Our intensive 6-week program empowers you with cutting-edge knowledge and practical tools to build a more cyber secure organization, effectively protecting against evolving threats and data breaches. Don't risk becoming another statistic; invest in your organization's future by enrolling today. Safeguard your valuable data, preserve customer trust, and protect your reputation with the expertise you need to create a cyber-resilient enterprise. Take the first step towards a more secure future now!

This Program Will Empower You To:

- Gain a strategic view of your organization's cybersecurity risk management
- Develop an action plan for a more cyber-resilient organization
- Communicate effectively with your technology teams using cybersecurity language
- Understand the implications of cybersecurity decisions throughout your organization

Program Faculty:

Kiran Bhujle

Global Managing Director at SVAM International with over 25 years of experience in technology risk management

Who Should Enroll?

This program is ideal for:

- Business leaders and managers
- Executives seeking to build a more cyber-resilient organization
- Technology and business consultants
- Professionals acting as liaisons between technology and business units
- Financial managers and financial professionals

No prior programming or technology experience is necessary. Participants will be most successful if they have a basic understanding of business operations and a willingness to engage with technical concepts.

Why Take This Course?

Upon completion, you will be equipped to:

- Implement a framework for strategic cybersecurity risk management
- Develop a culture of cyber awareness within your organization
- Engage in informed conversations with your CISO, CTO, and other technology leaders
- Understand how technological decisions affect your business landscape
- Apply leading approaches to cybersecurity management, including "defense in depth" and the NIST Cybersecurity Framework

Program Highlights:

During this 6-week course, you will:

- Learn to select and use the right frameworks to enhance cybersecurity decision-making
- Assess risk, improve defenses, and reduce vulnerabilities in your organization
- Develop a practical interpretation of the tradeoffs between security and privacy
- Create a personalized cybersecurity playbook with actionable next steps
- Engage with interactive case studies and a cybersecurity simulation

Program Structure:

The course is delivered over 6 weeks, requiring 5-6 hours of commitment per week. It integrates:

- Rich, interactive media, including videos and simulations
- Collaborative learning through discussion forums and live office hours
- Individual assignments and individual cybersecurity case studies
- Case studies from various industries, including technology, financial services, manufacturing, and retail

By the end of this program, you will be able to identify appropriate cybersecurity strategies for your organization, assess potential threats, and implement a comprehensive plan to protect your company's valuable data assets.

Program Curriculum:

Week 1: Introduction IT Risk Management

IT Risk Management, types of IT Risk, IT Governance and CISO Organization, Cost of IT Risk

Week 2: Introduction to Cybersecurity and Threat Landscape

Current threat landscape and impact, types of bad actors, motives, types of attacks, and malicious activities

Week 3: Technology Stack, Application, and Infrastructure Security

Application and Infrastructure Security, Network, Operating System, Database, Application, Cloud Computing Security, Secure Software Development Life Cycle concepts, and Cryptography

Week 4: Third-Party Risk Management

Third-party management and Third-Party Risk Management, IT Vendor Management Lifecycle, key IT Vendor Management risks and remediation strategies, and reporting

Week 5: Introduction to Cybersecurity Risk Assessment Process (using NIST CSF/CMMI); Other Risk Assessment Frameworks (CIS); Risk Quantification Models

Develop an understanding of some cybersecurity standards and frameworks. These frameworks (ex: NIST CSF) are used by industry to assess organization's cybersecurity risk management program.

Week 6: Final Individual / Group Case Study

Perform a risk assessment on one of the assigned organizations which recently was breached