

# MARITIME CYBERSECURITY ENTERPRISE RISK MANAGEMENT AND LEADERSHIP

PROFESSIONAL DEVELOPMENT COURSE



## COURSE DATES\*:

- OCTOBER 12, 2023
- JANUARY 11, 2024
- APRIL 11, 2024

**TIME:** 9 AM - 5 PM (EASTERN)

**FORMAT:** ONLINE

**INSTRUCTOR:** [GARY C. KESSLER, PHD, CISSP](#)

**ENROLLMENT FEE:** \$1,250

**REGISTER:** [WWW.STEVENS.EDU/CYBERRiskMGT](http://WWW.STEVENS.EDU/CYBERRiskMGT)

**CONTACT:** [MSC@STEVENS.EDU](mailto:MSC@STEVENS.EDU)

\*ADDITIONAL COURSE DATES MAY BE ADDED TO THE SCHEDULE



**OVERVIEW:** The maritime transportation system (MTS) is a complex business ecosystem, consisting of ports, vessels, terminal operators, intermodal connectors, and global supply chains. This system relies on information and operational technology (IT/OT) to facilitate the safe, secure, and efficient transport of passengers and cargo. Cyber vulnerabilities and attacks on maritime IT/OT systems can have adverse and far-reaching effects on business operations, resulting in lost revenue, supply chain disruptions, and the exposure of sensitive company data. The ability to effectively manage security risks and defend against cyber threats is a business imperative. This one-day, instructor-led course will provide non-IT/ non-technical maritime business professionals with a high-level overview of cybersecurity concepts and cyber risk management frameworks that can be utilized to achieve a more cyber aware and resilient business enterprise.

**AUDIENCE:** Maritime industry professionals who seek to better understand maritime related cyber risks and vulnerabilities, and how they can be mitigated through effective cybersecurity risk management practices and leadership.

## COURSE TOPICS:

- MTS Cyber Threats and Vulnerabilities
- Understanding the Cyber Risk Assessment and Management Process
- Applying Cyber Defense and Mitigation Strategies
- The Importance of a Cyber Safety Culture

## LEARNING OUTCOMES:

- The recognition of business impacts from cyber risks and vulnerabilities.
- The application of risk management frameworks within the context of the maritime domain.
- The role and responsibility of business professionals in achieving enterprise cybersecurity and creating an organizational culture of cyber awareness.
- A high-level understanding of cybersecurity concepts to enable informed conversations with IT personnel, FSOs and third-party cybersecurity entities to buy down risk and achieve strategic security goals.