MARITIME CYBERSECURITY
ENTERPRISE RISK MANAGEMENT AND LEADERSHIP

Date: December 2, 2022
Time: 9:00am to 5:00pm (EST), Online via Zoom
Instructor: Dr. Paul Rohmeyer, Stevens Institute of Technology
Course Fee: $1,250.00
Register: REGISTRATION FORM
Contact: Beth Austin-DeFares, Maritime Security Center, bdefares@stevens.edu / 201.216.5362

Course Overview: This one-day, professional development course is designed for maritime industry C-suite and senior-level executives who seek a practical understanding of cybersecurity concepts and terminology, and an awareness of cyber-physical risks, vulnerabilities, and mitigations within the context of the maritime transportation sector.

The course emphasizes the concept of business impact to identify and analyze cyber threats and their potential consequences and introduces cybersecurity risk frameworks to enable informed enterprise risk management decisions. It aims to bridge the communication gap between business leaders and their IT teams and provides strategies for enhancing resilience before, during and after a cyber-attack.

Audience: The course is tailored to maritime business leaders who are looking to manage cyber risk and build a more cyber secure and resilient business enterprise.

Topics Covered:
- Risk Dimensions: Risk in the Maritime Transportation System (MTS) Cyber-Physical Ecosystem
- System Characteristics: Risk Analysis Perspectives
- Know the Adversary: Prevailing Cyber Threats and Vulnerabilities
- Analyze the System Environment: Analysis Techniques and Outcomes
- Implementing Effective Controls: Design for Cyber Controls

Key Learning Outcomes:
- An enhanced understanding of the role of C-suite personnel and senior-level business executives in achieving enterprise cybersecurity and the application of cybersecurity risk management frameworks.
- Recognition of business impacts of cybersecurity risks and challenges.
- Practical knowledge of cybersecurity concepts to enable informed conversations with IT personnel and third-party cybersecurity entities to achieve security goals.

Course participants will receive a Certificate of Participation and 0.8 Continuing Education Units.