



## Airport Cybersecurity

Professional Certificate Course

Delivery: Classroom

Duration: 3 days

This course provides participants with the principles upon which a successful cybersecurity program is established and maintained. The class emphasizes the inter-organizational resources needed to address cybersecurity in the modern airport environment and the need for a multi-discipline approach. It focuses on technology and aviation industry best practices and stresses the importance of basic tools such as risk assessment, cybersecurity governance and strategic planning, and business continuity and disaster recovery.

## Learning Objectives

Upon completing this course, participants will be able to:

- Understand the airport's role in the aviation industry supply chain.
- Develop an airport cybersecurity program based on the cybersecurity principles of confidentiality, integrity, and availability
- Understand the regulatory framework for cybersecurity in the aviation industry and the current standards and frameworks used in the cybersecurity environment.
- Apply the concept of risk assessment, including threat modeling, in the airport environment
- Review the techniques for basic threat prevention and response.
- Implement the principles and importance of disaster recovery and business continuity.

## Target Audience

- Airport department heads and management team
- IT department heads
- Public safety staff
- Airport legal counsel
- Local government officials

## Course content

- Regulatory Environment: Current Standards and Frameworks
- Risk and asset management concepts
- Coordination and Communication during and post event
- Cyber resilience – backup systems and processes, manual operations
- Impacts on third party processes and systems (security, air navigation, airline systems)



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- Business Continuity and Disaster Recovery