



NCPC
National Cybersecurity
Preparedness Consortium

PER-398 Cybersecurity Resiliency in Industrial Control Systems

December 11, 2024 8:00am-5:00pm

8 Hours. Instructor-Led

This course provides an understanding of cybersecurity resiliency in industrial control systems (ICS).

This National Cybersecurity Preparedness Consortium (NCPC) training course is developed by the Texas A&M Engineering Extension Service and delivered by Norwich University Applied Research Institutes (NUARI). NCPC courses are fully funded by DHS/FEMA and provided at no direct cost to participants.

Course Description

The purpose of this course is to provide an understanding of cybersecurity resiliency and industrial control systems (ICS). The course will review Internet of Things (IoT), vulnerabilities to cyber attack within ICSs, methods of detecting and responding to cyber attacks in the ICS as well as tips and tools to mitigate these attacks.

Upon completion of this course, participants will be able to:

- Describe the Internet of Things (IoT) and Industrial Control Systems (ICS), and describe how they are integrated into critical infrastructure
- Identify the threat landscape for ICS
- Identify mitigation techniques for cyber threats to Industrial Control Systems
- Identify how to detect cyber attacks and vulnerabilities on Industrial Control Systems
- Recognize how to respond to and recover from cyber attacks on Industrial Control Systems

Target Audience

- Whole community; public, private and non-profit
- Individuals interested in ICS and OT security
- IT staff learning the unique challenges of OT, and OT staff learning the why behind IT security directives
- State, local, tribal and territorial government officials
- Owners and operators of businesses and non-profits
- Risk management personnel
- Critical infrastructure sectors (e.g., Energy, Chemical, Emergency Services, Communications, Dams)

Prerequisites

United States citizen, permanent resident, or prior approval is required to attend this class.

Required Materials

Participants are required to have a laptop computer that can access a public wifi connection.

For more information on how to register, visit:
nuari.org/ncpc-training-courses

For other inquiries, contact us at:
nuaritraining@nuari.org

Location:

3949 Diamond Head Rd
Honolulu, HI 96816
Building 306, Room 113

For more information about cybersecurity training through the NCPC, visit NationalCPC.org



All NCPC courses are certified and funded by the DHS Federal Emergency Management Agency.