

INSTRUCTOR-LED LEARNING

OVERVIEW

Assessing, Hunting, and Monitoring ICS Networks is a 5-day course that covers industrial control system (ICS) basics, ICS cybersecurity best practices, performing industrial environment assessments, ICS threat hunting, and industrial network monitoring using the Dragos Platform capabilities. In addition to its classroom component, this course includes many hands-on labs and activities to reinforce concepts learned.

BENEFITS OF ATTENDANCE

Real-World Applications And Exercises

Use real control systems and industrial data to participate in hands-on scenarios, gaining insights into OT engineering roles, Red Team roles, and Security Operations Center (SOC) analyst roles

Hands-On Instruction From Dragos Experts

Dragos instructors are expert ICS threat hunting, incident response, and industrial cybersecurity practitioners with decades of first-hand experience who provide actionable, real-world instruction

Increased ICS Security Knowledge

Learn the differences in protecting IT and OT environments, how they converge, and how to better protect your unique ICS environment

Proactive Insights To Defend ICS Networks

Get actionable recommendations to understand your unique ICS environment, the threats specific to your organization, and how to arm your defenses to combat industrial-specific threats



COURSE FACILITIES

The Dragos state-of-the-art training center includes multiple ICS cyber ranges and individual training stations with mini control system kits that enable extensive, hands-on learning and deep reinforcement of the course curriculum.



INSTRUCTORS

Dragos instructors are practitioners who have decades of first-hand experience facing and solving global industrial control systems security challenges.



LOCATIONS

- > Hanover, Maryland
- > Houston, Texas
- > Melbourne, Australia

WHO SHOULD ATTEND?

IT and OT security professionals who want to increase their ICS security knowledge and learn ICS-focused best practices

IT security professionals who want to expand their knowledge of industrial environments and learn how securing them differs from IT environments

COURSE DETAILS

MODULE 1:

Introduction to ICS Networks

Learn about the various types of ICS environments, as well as their functions and compositions

MODULE 2:

Assessing the Industrial Environment

Learn how to safely assess ICS environments

MODULE 3:

OT Security Operations, Incident Response, and Intelligence

Learn how to perform continuous monitoring, investigation, case management, and other SOC-related responsibilities using real-world attack scenarios

MODULE 4:

Tools, Strategies, and Techniques for Successful Hunting in ICS

Learn Dragos' best-practice threat hunting methodologies

PREREQUISITES

- > Linux operating system fundamentals, including basic command line usage
- > Conceptual knowledge of programming and scripting
- > Solid grasp of essential networking concepts (OSI model, TCP/IP, networking devices, and transmission media)
- > Understanding of basic security concepts (e.g., malware, intrusion detection systems, firewalls, and vulnerabilities)
- > Some familiarity with network traffic inspection tools (Wireshark, TShark, or tcpdump) is highly recommended

PRICING

Please contact sales@dragos.com for pricing information, or visit dragos.com/dragos-academy

CPE CREDITS

Continuing professional education credits are provided.

REGISTRATION

Visit dragos.com/dragos-academy for course dates, to register, or for more information.

To learn more about Dragos Academy or other professional services, please contact sales@dragos.com or visit dragos.com/dragos-academy