

ICS/SCADA

Due to the potential impact of an attack on the physical safety of communities, employees or customers, ICS /SCADA security is an even higher priority than for traditional IT systems. Cyber criminals have already developed malware threats such as Triton/TRISIS and Stuxnet that can disrupt industrial Operation Technology (OT).

The ICS/SCADA Cyber Security Training Course is a hands-on training which will enable you to learn the foundation of security and defending architectures from attacks. You will look at the concept of “thinking like a hacker” to learn techniques to defend from the types of attacks that are commonly conducted against the oil and gas IT corporate and control network.

This course is designed for IT professionals who manage or direct their organization’s IT infrastructure and are responsible for establishing and maintaining information security policies, practices, and procedures. The focus in the course is on the Industrial Control Systems (ICS) and Supervisory Control and Data Acquisition (SCADA) Systems.

● **Module 1: Introduction to ICS/SCADA Network Defense** >

● **Module 2: TCP/IP 101** >

● **Module 3: Introduction to Hacking** >

● **Module 4: Vulnerability Management** >

● **Module 5: Standards and Regulations for Cybersecurity** >

● **Module 6: Securing the ICS network** >

● **Module 7: Bridging the Air Gap** >

● **Module 8: Introduction to Intrusion Detection Systems (IDS) and Intrusion Prevention Systems (IPS)** >