



“FOR578 is outstanding! It has taught me many things that I can take back and start implementing.”

- **Josh Sutfin**, CenterPoint Energy

“ICS456 is 100% directly related to what I need to know to do my job well. If you’re an entity, in the field, an auditor, or even a regulator, you will get a lot out of this course.”

- **Matt Dale**, FERC

“MGT514 gives me exposure to a broad spectrum of leadership and organizational topics that I can use to develop my career.”

- **Andy Wiesel**, Consumers Energy



SANS offers training at our live events, including the Oil & Gas Cybersecurity Summit, and training online. Visit sans.org/training to view classes by modality. Access course demos with the OnDemand Platform.

GIAC Certifications provide the highest assurance of cybersecurity knowledge and skill available to clients across the world. GIAC Certifications meet ANSI / ISO 17024 standards and align with the NICE framework.



SANS Security Awareness Training covers every end-user, no matter their learning level. Create a culture of security awareness with programs such as End-User Training, Phishing Training, and Developer Training.

Power & Utilities

Cybersecurity Training Roadmap

Visit sans.org/training to view training by location, course, or by delivery.

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Cybersecurity Training Roadmap

View the full course catalog: sans.org/training

"ICS456 is a solid foundation course that should be included to aid anyone working with NERC CIP."

- Jim Koran, Exelon

Security Professional

Security Essentials	SEC401 Security Essentials Bootcamp Style	GSEC
Control System Essentials	ICS410 ICS/SCADA Security Essentials	GICSP
Hands-On NERC CIP	ICS456 Essentials for NERC Critical Infrastructure Protection	GCIP
Hacker Techniques	SEC504 Hacker Tools, Techniques, Exploits, and Incident Handling	GCIH

Security Operations

Intrusion Detection	SEC503 Intrusion Detection In-Depth	GCIA
Monitoring & Operations	SEC511 Continuous Monitoring and Security Operations	GMON
Security Architecture	SEC530 Defensible Security Architecture and Engineering	

Advanced Security Operations

SIEM	SEC555 SIEM with Tactical Analytics	GCDA
Windows & PowerShell	SEC505 Securing Windows and PowerShell Automation	GCWN
Purple Team	SEC599 Defeating Advanced Adversaries: Purple Team Tactics and Kill Chain Defenses	GDAT

Penetration Testing

Networks	SEC560 Network Penetration Testing and Ethical Hacking	GPN
Web Apps	SEC542 Web App Penetration Testing and Ethical Hacking	GWAPT
Wireless	SEC617 Wireless Penetration Testing and Ethical Hacking	GAWN

Advanced Penetration Testing

Networks	SEC660 Advanced Penetration Testing, Exploit Writing, and Ethical Hacking	GXPN
Web Apps	SEC642 Advanced Web App Testing, Ethical Hacking, and Exploitation Techniques	
Purple Team	SEC599 Defeating Advanced Adversaries: Purple Team Tactics and Kill Chain Defenses	GDAT

Incident Response & Threat Hunting

Windows Forensics	FOR500 - Windows Forensics Analysis	GCFE
Endpoint Forensics	FOR508 Advanced Incident Response, Threat Hunting, and Digital Forensics	GCFA
ICS Active Defense	ICS515 ICS Active Defense and Instant Response	GRID

Incident Response & Threat Hunting

Network Forensics	FOR572 Advanced Network Forensics: Threat Hunting, Analysis, and Incident Response	GNFA
Threat Intelligence	FOR578 Cyber Threat Intelligence	GCTI
Malware Analysis	FOR610 Reverse-Engineering Malware: Malware Analysis Tools and Techniques	GREM

Security Manager

Leadership Essentials	MGT512 SANS Security Leadership Essentials for Managers	GSLC
Hands-On NERC CIP	ICS456 Essentials for NERC Critical Infrastructure Protection	GCIP
New to Cybersecurity	SEC301 Introduction to Cyber Security	GISF

Security Management

Strategic Planning	MGT514 Security Strategic Planning, Policy, and Leadership	GSTRT
CISSP	MGT414 SANS Training Program for CISSP® Certification	GISP

Advanced Security Management

Critical Controls	SEC566 Implementing and Auditing the Critical Security Controls - In-Depth	GCCC
Law & Investigations	LEG523 Law of Data Security and Investigations	GLEG

Quick Summary

Course Code

GIAC Certification

SIEM

SEC555 SIEM with Tactical Analytics

| GCDA

Course Title