

Transportation

Cybersecurity Training Roadmap

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SANSGIAC
CERTIFICATIONS

SANS offers training at our live events, including the Automotive 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.

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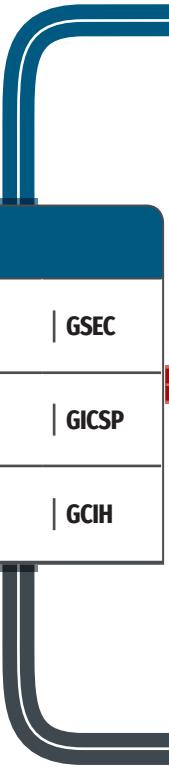
Cybersecurity Training Roadmap

View the full course catalog: sans.org/training

"The material in SEC504 provided great information that can be applied immediately to real-world scenarios."

- Jacob Davison, Boeing

Security Professional		
Security Essentials	SEC401 Security Essentials Bootcamp Style	GSEC
Control Systems	ICS410 ICS/SCADA Security Essentials	GICSP
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

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

Incident Response & Threat Hunting		
Incident Response	FOR508 Advanced Incident Response, Threat Hunting, and Digital Forensics	GCFA
Network Forensics	FOR572 Advanced Network Forensics: Threat Hunting, Analysis, and Incident Response	GNFA

Security Management		
Strategic Planning	MGT514 Security Strategic Planning, Policy, and Leadership	GSTRT
Critical Controls	SEC440 Critical Security Controls: Planning, Implementing, and Auditing	

Secure Development		
Cloud & DevOps	SEC540 Cloud Security and DevOps Automation	

Quick Summary	Course Code	GIAC Certification
SIEM	SEC555 SIEM with Tactical Analytics	GCDA
Course Title		

Advanced Security Operations		
Cloud Security	SEC545 Cloud Security Architecture and Operations	
SIEM	SEC555 SIEM with Tactical Analytics	GCDA
Purple Team	SEC599 Defeating Advanced Adversaries: Purple Team Tactics and Kill Chain Defenses	

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	

Advanced Incident Response		
Malware Analysis	FOR610 Reverse-Engineering Malware: Malware Analysis Tools and Techniques	GREM
Threat Intelligence	FOR578 Cyber Threat Intelligence	GCTI

Security Manager		
Leadership Essentials	MGT512 Security Leadership Essentials For Managers	GSLC
New to Cybersecurity	SEC301 Introduction to Cyber Security	GISF

Advanced Security Management		
CISSP	MGT414 SANS Training Program for CISSP® Certification	GISP
Law & Investigations	LEG523 Law of Data Security and Investigations	GLEG

Security Developer / Designer		
Secure Web Apps	DEV522 Defending Web Applications Security Essentials	GWEB

Secure Coding & Frameworks		
JAVA/JEE	DEV541 Secure Coding in Java/JEE: Developing Defensible Applications	
.NET	DEV544 Secure Coding in .NET: Developing Defensible Applications	GSSP-.NET