

37 Hands-On Cybersecurity Courses Taught by Industry Experts

Attend In-Person at the venue in Washington, DC or Live Online

At SANS, our mission remains steady. We continue to deliver relevant cybersecurity knowledge and skills, empowering students to protect people and their assets. Register for **SANSFIRE 2023**, and continue to build practical cybersecurity skills you can implement immediately. Choose your course and register now.

SANSFIRE 2023 Features

- In-Person training
- · Take your training at the training venue with professional support
- Practical cybersecurity training taught by real-world practitioners
- · Hands-on labs in a virtual environment
- · Courses include electronic and printed books
- Several courses align with GIAC certifications

Training Modalities

Live Online

SANS Live Online training offers live, interactive streaming sessions delivered directly from your instructor. It features many of the activities that SANS students love at training events, such as bonus topical presentations, cyber range challenges, networking via chat channels, and live access to top SANS instructors. Live Online is a flexible and fun way to learn.

In-Person

In-Person training offers students the chance to study in a focused environment without distractions but perhaps most importantly, they offer a direct access to SANS's world-leading instructors.



NetWars Tournament

We are hosting multiple NetWars Tournaments "In-Person" during this event. These tournaments are only available in-person, and as a paid course registrant, you'll be eligible to participate for FREE. No attendance options are available for Live Online course registrants.

sans.org/cyber-ranges

"This Live Online training has been very productive and it is very comparable to in-person training. The detail of information and the instructor's knowledge was fantastic."

—Teresa F., **U.S. Military**

COURSES OFFERED

Confirmed Courses

FOR500: Windows Forensic Analysis

GCFE

GIAC Certified Forensic Examiner giac.org/gcfe



FOR508: Advanced Incident Response, Threat Hunting, and Digital Forensics

GCFA

GIAC Certified Forensic Analyst giac.org/gcfa



FOR509: Enterprise Cloud Forensics and

Incident Response NEW

GCFR

GIAC Cloud Forensics Responder giac.org/gcfr



FOR528: Ransomware for Incident Responders **NEW**



FOR572: Advanced Network Forensics: Threat Hunting. Analysis, and Incident Response

GNFA

GIAC Network Forensic Analyst giac.org/gnfa



FOR578: Cyber Threat Intelligence

GCTI

GIAC Cyber Threat Intelligence giac.org/gcti



FOR610: Reverse-Engineering Malware:

Malware Analysis Tools and Techniques

GIAC Reverse Engineering Malware giac.org/grem



ICS410: ICS/SCADA Security Essentials

GICSP

Global Industrial Cyber Security Professional giac.org/gicsp



ICS612: ICS Cybersecurity In-Depth

GISP

GIAC Information Security Professional giac.org/gisp



MGT512: Security Leadership Essentials for Managers

MGT414: SANS Training Program for the CISSP Certification

GSLC

GIAC Security Leadership giac.org/gslc



MGT514: Security Strategic Planning, Policy,

and Leadership

GSTRT

GIAC Strategic Planning, Policy, and Leadership giac.org/gstrt

MGT516: Building and Leading Vulnerability Management Programs



Confirmed Courses

SEC301: Introduction to Cyber Security

GISF

GIAC Information Security Fundamentals

giac.org/gisf



SEC401: Security Essentials: Network, Endpoint, and Cloud

GSEC

GIAC Security Essentials

giac.org/gsec



SEC450: Blue Team Fundamentals: Security Operations

and Analysis

GSOC

GIAC Security Operations Certified giac.org/gsoc



SEC460: Enterprise and Cloud | Threat and

Vulnerability Assessment

GEVA

GIAC Enterprise Vulnerability Assessor



SEC488: Cloud Security Essentials

GCLD

giac.org/geva

GIAC Cloud Security Essentials giac.org/gcld



SEC497: Practical Open-Source Intelligence (OSINT) NEW

SEC503: Network Monitoring and Threat Detection In-Depth

GCIA

GIAC Certified Intrusion Analyst giac.org/gcia



SEC504: Hacker Tools, Techniques, and Incident Handling

GCIH

GIAC Certified Incident Handler giac.org/gcih



SEC510: Public Cloud Security: AWS, Azure, and GCP

GPCS

GIAC Public Cloud Security giac.org/gpcs



SEC522: Application Security: Securing Web Apps, APIs, and Microservices

GWEB

GIAC Certified Web Application Defender giac.org/gweb



SEC530: Defensible Security Architecture and Engineering: Implementing Zero Trust for the Hybrid Enterprise **GDSA**

GIAC Defensible Security Architecture



giac.org/gdsa

GCSA

GIAC Cloud Security Automation giac.org/gcsa





Confirmed Courses

SEC541: Cloud Security Attacker Techniques, Monitoring, and Threat Detection

GCTD

GIAC Cloud Threat Detection giac.org/gctd



SEC542: Web App Penetration Testing and Ethical Hacking

GWAPT

GIAC Web Application Penetration Tester giac.org/gwapt



SEC560: Enterprise Penetration Testing NEW

GPEN

GIAC Penetration Tester giac.org/gpen



SEC565: Red Team Operations and Adversary Emulation NEW

SEC566: Implementing and Auditing Security Frameworks

and Controls

GCCC

GIAC Critical Controls Certification giac.org/gccc



SEC573: Automating Information Security with Python

GPYC

GIAC Python Coder giac.org/gpyc



SEC575: Mobile Device Security and Ethical Hacking NEW

GMOB

GIAC Mobile Device Security Analyst giac.org/gmob



SEC588: Cloud Penetration Testing NEW

GCPN

GIAC Cloud Penetration Tester giac.org/gcpn



SEC595: Applied Data Science and Machine Learning for

Cybersecurity Professionals **NEW**

SEC599: Defeating Advanced Adversaries –

GDAT

GIAC Defending Advanced Threats giac.org/gdat



SEC617: Wireless Penetration Testing and Ethical Hacking

Purple Team Tactics & Kill Chain Defenses

GAWN

GIAC Assessing and Auditing Wireless Networks



giac.org/gawn

GXPN

GIAC Exploit Researcher and Advanced Penetration Tester

giac.org/gxpn



