



The most trusted source for cybersecurity training, certifications, degrees, and research

SANS 2024

March 24–29

Orlando, FL & Virtual (ET)

48 Hands-On Cybersecurity Courses Taught by Industry Experts

Attend In-Person at the venue in Orlando or Live Online

Discover the most effective steps to prevent cyber-attacks and detect adversaries with actionable techniques taught by top practitioners during **SANS 2024**. Choose your course and register now for hands-on training you can use immediately.

SANS 2024 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 distraction but perhaps most importantly, they offer a direct access to SANS's world-leading instructors.

SANS

NETWARS

NetWars Tournament

We are hosting 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. Space is limited. No attendance options are available for Live Online course registrants.

sans.org/cyber-ranges

“Having an SME instructor with tons of real-world experience makes the course material easy to digest, and the Live Online platform is the best platform I’ve experienced!”

—Jeremy Swanson, ManTech

COURSES OFFERED ►

www.sans.org/2024



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@SANSInstitute

Confirmed Courses

AUD507: Auditing Systems, Applications, and the Cloud

GSNA
GIAC Systems and
Network Auditor
giac.org/gсна



FOR498: Digital Acquisition and Rapid Triage

GBFA
GIAC Battlefield
Forensics and
Acquisition
giac.org/gbfa



FOR500: Windows Forensic Analysis

GCFE
GIAC Certified
Forensic Examiner
giac.org/gcfe



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

GCFA
GIAC Certified
Forensic Analyst
giac.org/gcfa



FOR509: Enterprise Cloud Forensics and Incident Response **NEW**

GCFR
GIAC Cloud Forensics
Responder
giac.org/gcfr



FOR518: Mac and iOS Forensic Analysis and Incident Response

GIME
GIAC iOS and
macOS Examiner
giac.org/gime



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

GNFA
GIAC Network
Forensic Analyst
giac.org/gnfa



FOR578: Cyber Threat Intelligence

GCTI
GIAC Cyber Threat
Intelligence
giac.org/gcti



FOR585: Smartphone Forensic Analysis In-Depth

GASF
GIAC Advanced
Smartphone Forensics
giac.org/gasf



FOR608: Enterprise-Class Incident Response & Threat Hunting **NEW**

FOR610: Reverse-Engineering Malware: Malware Analysis Tools and Techniques

GREM
GIAC Reverse
Engineering Malware
giac.org/grem



ICS410: ICS/SCADA Security Essentials

GICSP
Global Industrial Cyber
Security Professional
giac.org/gicsp



Confirmed Courses

ICS456: Essentials for NERC Critical Infrastructure Protection

GCIP
GIAC Critical
Infrastructure
Protection
giac.org/gcip



ICS515: ICS Visibility, Detection, and Response

GRID
GIAC Response and
Industrial Defense
giac.org/grid



LDR414: SANS Training Program for the CISSP Certification

GISP
GIAC Information
Security Professional
giac.org/gisp



LDR512: Security Leadership Essentials for Managers

GSLC
GIAC Security
Leadership
giac.org/gslc



LDR514: Security Strategic Planning, Policy, and Leadership

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



LDR516: Building and Leading Vulnerability Management Programs

LDR520: Cloud Security for Leaders **NEW**

LDR551: Building and Leading Security Operations Centers

GSOM
GIAC Security
Operations Manager
giac.org/gsom



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



SEC488: Cloud Security Essentials

GCLD
GIAC Cloud Security
Essentials
giac.org/gclld



Confirmed Courses

SEC497: Practical Open-Source Intelligence (OSINT) **NEW**

GOSI
GIAC Open Source
Intelligence
giac.org/gosi



SEC501: Advanced Security Essentials – Enterprise Defender

GCED
GIAC Certified
Enterprise Defender
giac.org/gced



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



SEC505: Securing Windows and PowerShell Automation

GCWN
GIAC Certified Windows
Security Administrator
giac.org/gcwn



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

GPCS
GIAC Public
Cloud Security
giac.org/gpcs



SEC511: Continuous Monitoring and Security Operations

GMON
GIAC Continuous
Monitoring Certification
giac.org/gmon



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



SEC540: Cloud Security and DevSecOps Automation

GCSA
GIAC Cloud Security
Automation
giac.org/gcsa



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



SEC549: Enterprise Cloud Security Architecture **NEW****SEC555: SIEM with Tactical Analytics**

GCDA
GIAC Certified
Detection Analyst
giac.org/gcda

**SEC560: Enterprise Penetration Testing**

GPEN
GIAC Penetration
Tester
giac.org/gpen

**SEC565: Red Team Operations and
Adversary Emulation** **NEW**

GRTP
GIAC Red Team
Professional
giac.org/grtp

**SEC566: Implementing and Auditing CIS Controls**

GCCC
GIAC Critical Controls
Certification
giac.org/gccc

**SEC568: Combating Supply Chain Attacks with
Product Security Testing** **NEW****SEC573: Automating Information Security with Python**

GPYC
GIAC Python Coder
giac.org/gpyc

**SEC588: Cloud Penetration Testing**

GCPN
GIAC Cloud
Penetration Tester
giac.org/gcpn

**SEC595: Applied Data Science and AI/Machine Learning for
Cybersecurity Professionals**

GMLE
GIAC Machine
Learning Engineer
giac.org/gmle

**SEC599: Defeating Advanced Adversaries –
Purple Team Tactics & Kill Chain Defenses**

GDAT
GIAC Defending
Advanced Threats
giac.org/gdat

**SEC660: Advanced Penetration Testing, Exploit Writing,
and Ethical Hacking**

GXPN
GIAC Exploit Researcher
and Advanced
Penetration Tester
giac.org/gxpn

**SEC670: Red Teaming Tools – Developing Windows Implants,
Shellcode, Command and Control** **NEW**