



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



# Join us for Cyber Defense Initiative® 2020

December 14–19



## Live Online

### SANS Live Online: Interactive Cybersecurity Training Delivered Online from Anywhere

SANS is committed to delivering high-quality cybersecurity training so you can keep your skills sharp and stay ahead of cyber threats. Join us for interactive training during SANS Cyber Defense Initiative® 2020 – Live Online (EST), and receive relevant, applicable training from wherever you are.

“SANS is by far the best InfoSec training available in the world. Every instructor and speaker I have encountered at SANS are straight up superstars! The knowledge I gained from SANS is invaluable to not only my career personally, but to any company that employs me.”

— P. Watson, Microsoft Corp

#### Benefits of Live Online:

- Interactive, live-stream courses taught by real-world practitioners
- Real-time support from virtual TAs
- Dedicated chat channels for networking
- Online CTF events and virtual NetWars
- Hands-on labs in a virtual environment
- Courses include electronic and printed books
- Several courses align with GIAC certifications
- Archive of course lectures uploaded to your account daily during the event
- Four months of access to your course lectures so you can revisit the recordings

## REGISTER NOW

[sans.org/cyber-defense-initiative-2020](https://sans.org/cyber-defense-initiative-2020)

**Enhance your training experience. Add a GIAC Certification attempt and OnDemand Bundle to your course.**

Distinguish yourself as an information security leader and get certified with **GIAC Certifications**. [giac.org](https://giac.org)

Extend your training experience with an **OnDemand Bundle**. Receive four months of supplemental online review and 24/7 online access to your course lectures, materials, quizzes, and labs. [sans.org/ondemand/bundles](https://sans.org/ondemand/bundles)

Follow **@SANSInstitute** on Twitter! Join the conversation **#SANSCDI**

Course offerings are subject to change. Please see [sans.org/cyber-defense-initiative-2020](https://sans.org/cyber-defense-initiative-2020) for up-to-date agenda.

[Event Course List](#) ▶

# Event Course List

CYBER DEFENSE	<b>SEC301</b> Introduction to Cyber Security	<b>GISF</b> Information Security Fundamentals
	<b>SEC401</b> Security Essentials Bootcamp Style	<b>GSEC</b> Security Essentials
	<b>SEC450</b> Blue Team Fundamentals: Security Operations & Analysis	
	<b>SEC487</b> Open-Source Intelligence (OSINT) Gathering and Analysis	<b>GOSI</b> Open Source Intelligence
	<b>SEC501</b> Advanced Security Essentials – Enterprise Defender	<b>GCED</b> Enterprise Defender
	<b>SEC503</b> Intrusion Detection In-Depth	<b>GCI A</b> Intrusion Analyst
	<b>SEC504</b> Hacker Tools, Techniques, Exploits, and Incident Handling <b>NEW!</b>	<b>GCIH</b> Incident Handler
	<b>SEC505</b> Securing Windows and PowerShell Automation	<b>GCWN</b> Windows Security Administrator
	<b>SEC511</b> Continuous Monitoring and Security Operations	<b>GMON</b> Continuous Monitoring
	<b>SEC530</b> Defensible Security Architecture and Engineering	<b>GDSA</b> Defensible Security Architecture
	<b>SEC555</b> SIEM with Tactical Analytics	<b>GCDA</b> Detection Analyst
PEN TESTING	<b>SEC566</b> Implementing and Auditing the Critical Security Controls - In-Depth	<b>GCCC</b> Critical Controls
	<b>SEC542</b> Web App Penetration Testing and Ethical Hacking	<b>GWAPT</b> Web Application Penetration Tester
	<b>SEC560</b> Network Penetration Testing and Ethical Hacking	<b>GPEN</b> Penetration Tester
	<b>SEC588</b> Cloud Penetration Testing <b>NEW!</b>	
	<b>SEC660</b> Advanced Penetration Testing, Exploit Writing & Ethical Hacking	<b>GXP N</b> Exploit Researcher and Advanced Penetration Tester
	<b>FOR498</b> Battlefield Forensics & Data Acquisition	<b>GBFA</b> Battlefield Forensics and Acquisition
	<b>FOR500</b> Windows Forensic Analysis	<b>GCFE</b> Forensic Examiner
DFIR	<b>FOR508</b> Advanced Incident Response, Threat Hunting & Digital Forensics	<b>GCFA</b> Forensic Analyst
	<b>FOR572</b> Advanced Network Forensics: Threat Hunting, Analysis & Incident Response	<b>GNFA</b> Network Forensic Analyst
	<b>FOR578</b> Cyber Threat Intelligence	<b>GCTI</b> Cyber Threat Intelligence
	<b>FOR585</b> Smartphone Forensic Analysis In-Depth	<b>GASF</b> Advanced Smartphone Forensics
	<b>FOR610</b> Reverse-Engineering Malware: Malware Analysis Tools and Techniques	<b>GREM</b> Reverse Engineering Malware
	<b>MGT414</b> SANS Training Program for CISSP® Certification	<b>GISP</b> Information Security Professional
	<b>MGT512</b> Security Leadership Essentials for Managers	<b>GSLC</b> Security Leadership
MGT	<b>MGT514</b> Security Strategic Planning, Policy, and Leadership	<b>GSTR T</b> Strategic Planning, Policy, and Leadership
	<b>MGT521</b> Leading Cybersecurity Change: Building a Security-Based Culture <b>BETA</b>	
	<b>AUD507</b> Auditing & Monitoring Networks, Perimeters, and Systems	<b>GSNA</b> Systems and Network Auditor
	<b>LEG523</b> Law of Data Security and Investigations	<b>GLEG</b> Law of Data Security & Investigations
CLOUD	<b>SEC488</b> Cloud Security Essentials <b>NEW!</b>	
	<b>SEC522</b> Defending Web Applications Security Essentials	<b>GWEB</b> Web Application Defender
	<b>SEC540</b> Cloud Security and DevOps Automation	<b>GCSA</b> Cloud Security Automation
	<b>SEC545</b> Cloud Security Architecture and Operations	
ICS	<b>ICS410</b> ICS/SCADA Security Essentials	<b>GICSP</b> Global Industrial Cyber Security Professional
	<b>ICS515</b> ICS Active Defense and Incident Response	<b>GRID</b> Response and Industrial Defense
	<b>Core NetWars Tournament</b> (FREE with any 5- or 6-Day SANS Course Registration)	
	<b>Cyber Defense NetWars Tournament</b> (FREE with any 5- or 6-Day SANS Course Registration)	
	<b>DFIR NetWars Tournament</b> (FREE with any 5- or 6-Day SANS Course Registration)	