SANS | GIAC CERTIFICATIONS

SANS Security East Baltimore 2025

Baltimore, MD | March 3–8

PROGRAM GUIDE

#SecEast2025 @SANSInstitute

SANS SECURITY EAST BALTIMORE 2025

Welcome Reception

Monday, March 3 | 6:30–8:00 PM

LOCATION: **Diamond Tavern** (1ST LEVEL)

Kick off your SANS Security East 2025 experience at the Welcome Reception. Be part of this kickoff event and join the industry's most powerful gathering of cybersecurity professionals. Share stories, make connections, and learn how to make the most out of your training this week in Baltimore, MD. Beverages (adult and otherwise) and bites will be served. Hope to see you there!

SANS

CYBER RANGES

Develop and practice real-world skills to be prepared to defend your environment.

NETWARS CORE

Thursday, March 6 & Friday, March 7
6:30–9:30 PM | Holiday 6 (2ND LEVEL)

NETWARS DFIR

Thursday, March 6 & Friday, March 7
6:30–9:30 PM | Holiday 4 (2ND LEVEL)

All In-Person students who registered to attend a course at Security East 2024 are eligible to play NetWars for FREE. Space is limited. Please register for NetWars through your SANS Account Dashboard.

Extend Your Training

SANS OnDemand

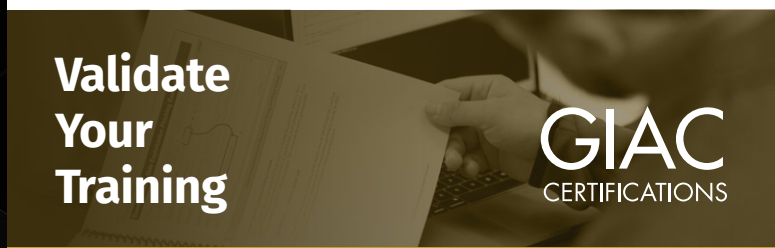
Add an OnDemand Bundle to your course.

Extend Your Training Experience with an OnDemand Bundle

- Four months of supplemental online review
- 24/7 online access to your course lectures, materials, quizzes, and labs
- Subject-matter-expert support to help you increase your retention of course material

OnDemand Bundle price: $999

sans.org/ondemand/bundles



Validate Your Training

GIAC CERTIFICATIONS

Add a GIAC Certification attempt to your course.

Get Certified with GIAC Certifications

- Distinguish yourself as an information security leader
- 30+ GIAC cybersecurity certifications available
- Two practice exams included
- Four months of access to complete the attempt

GIAC Certifications Bundle price: $999

giac.org

GENERAL INFORMATION

Venue

Hilton Baltimore Inner Harbor
401 West Pratt Street | Baltimore, MD 21201
Phone: 443-573-8700

Event Check-In | Badge & Courseware Distribution

Location: Holiday West Foyer (2ND LEVEL)

Monday, March 3 ..... 7:00–8:30 AM

Registration Support

Location: Blake (2ND LEVEL)

Monday, March 3–Friday, March 7 ..... 8:00 AM–5:30 PM

Saturday, March 8 ..... 8:00 AM–2:00 PM

Course Breaks

Morning Coffee ..... 7:00–9:00 AM

Morning Break* ..... 10:30–10:50 AM

Lunch (ON YOUR OWN) ..... 12:15–1:30 PM

Afternoon Break* ..... 3:00–3:20 PM

*Snack and coffee to be provided during these break times.

Parking

Self-parking is available for $36 per day at the Hilton Baltimore Inner Harbor.*

*Parking rates are subject to change.

Photography Notice

SANS may take photos of classroom activities for marketing purposes. SANS Security East Baltimore 2025 attendees grant SANS all rights for such use without compensation, unless prohibited by law.

Feedback Forms and Course Evaluations

SANS is committed to offering the best information security training, and that means continuous course improvement. Your student feedback is a critical input to our course development and improvement efforts. Please take a moment to complete the electronic evaluation posted in your class Slack channel each day.

Wear Your Badge

To confirm you are in the right place, SANS Work-Study participants will be checking your badge for each course and event you enter. For your convenience, please wear your badge at all times.

Bootcamp Sessions and Extended Hours

The following classes have evening bootcamp sessions or extended hours. For specific times, please refer to pages 4–5.

Bootcamps (Attendance Mandatory)

LDR414: SANS Training Program for CISSP® Certification™

SEC401: Security Essentials: Network, Endpoint, and Cloud™

SEC503: Network Monitoring and Threat Detection In-Depth™

SEC540: Cloud Security and DevSecOps Automation™

Extended Hours:

SEC504: Hacker Tools, Techniques, and Incident Handling™

COURSE SCHEDULE

Time: 9:00 AM–5:00 PM (Unless otherwise noted)
NOTE: All classes begin at 8:30 AM on Day 1 (Monday, March 3)

FOR500 Windows Forensic Analysis™ (6-DAY COURSE)
Lodrina Cherne . . . . . Peale A (1ST LEVEL)

FOR508 Advanced Incident Response, Threat Hunting & Digital Forensics™ (6-DAY COURSE)
Marcus Guevara . . . . . Peale B (1ST LEVEL)

FOR509 Enterprise Cloud Forensics & Incident Response™ (6-DAY COURSE)
Terrence Williams . . . . . Peale C (1ST LEVEL)

FOR572 Advanced Network Forensics: Threat Hunting, Analysis, and Incident Response™ (6-DAY COURSE)
Philip Hagen . . . . . Johnson A (1ST LEVEL)

FOR610 Reverse-Engineering Malware: Malware Analysis Tools & Techniques™ (6-DAY COURSE)
Michael Murr . . . . . Latrobe (1ST LEVEL)

LDR414 SANS Training Program for CISSP® Certification™ (6-DAY COURSE)
David R. Miller . . . . . Holiday 1 (2ND LEVEL)
Hours: 8:30 AM–7:00 PM (Day 1); 8:00 AM–7:00 PM (Days 2–5)
8:00 AM–5:00 PM (Day 6)

LDR512 Security Leadership Essentials for Managers™ (5-DAY COURSE)
Kenton Smith . . . . . Douglass (3RD LEVEL)

LDR514 Security Strategic Planning, Policy & Leadership™ (5-DAY COURSE)
Kim Jones . . . . . Brent (3RD LEVEL)

SEC401 Security Essentials: Network, Endpoint & Cloud™ (6-DAY COURSE)
Ross Bergman . . . . . Holiday 2 (2ND LEVEL)
Hours: 8:30 AM–7:00 PM (Day 1); 9:00 AM–7:00 PM (Days 2–5)

SEC488 Cloud Security Essentials™ (6-DAY COURSE)
Kenneth G. Hartman . . . . . Holiday 3 (2ND LEVEL)

SEC503 Network Monitoring & Threat Detection In-Depth™ (6-DAY COURSE)
Dr. Johannes Ullrich . . . . . Paca (3RD LEVEL)
Hours: 8:30 AM–7:00 PM (Day 1); 9:00 AM–7:00 PM (Days 2–5)

SEC504 Hacker Tools, Techniques & Incident Handling™ (6-DAY COURSE)
Jon Gorenflo . . . . . Holiday 6 (2ND LEVEL)
Hours: 8:30 AM–7:15 PM (Day 1)

SEC530 Defensible Security Architecture & Engineering: Implementing Zero Trust for the Hybrid Enterprise™ (6-DAY COURSE)
Greg Scheidel . . . . . Poe (2ND LEVEL)

SEC540 Cloud Security & DevSecOps Automation™ (5-DAY COURSE)
Jon Zeolla . . . . . Tubman B (3RD LEVEL)
Hours: 8:30 AM–7:00 PM (Day 1); 9:00 AM–7:00 PM (Days 2–4)

SEC542 Web App Penetration Testing & Ethical Hacking™ (6-DAY COURSE)
Aaron Cure . . . . . Tubman A (3RD LEVEL)

SEC560 Enterprise Penetration Testing™ (6-DAY COURSE)
Christopher Elgee . . . . . Holiday 4 (2ND LEVEL)

SEC565 Red Team Operations & Adversary Emulation™ (6-DAY COURSE)
Jean-Francois Maes . . . . . Carroll A (3RD LEVEL)

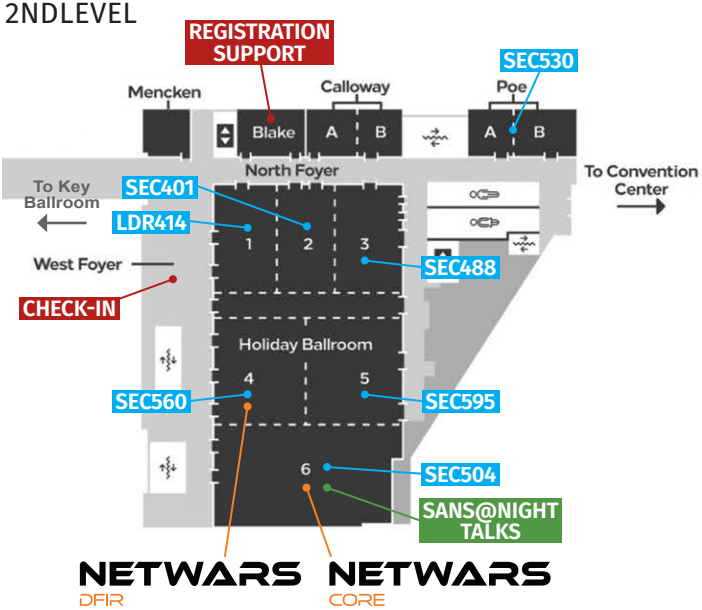
SEC573 Advanced Information Security Automation with Python™ (6-DAY COURSE)
Mark Baggett . . . . . Johnson B (1ST LEVEL)

SEC595 Applied Data Science & AI/Machine Learning for Cybersecurity Professionals™ (6-DAY COURSE)
David Hoelzer . . . . . Holiday 5 (2ND LEVEL)

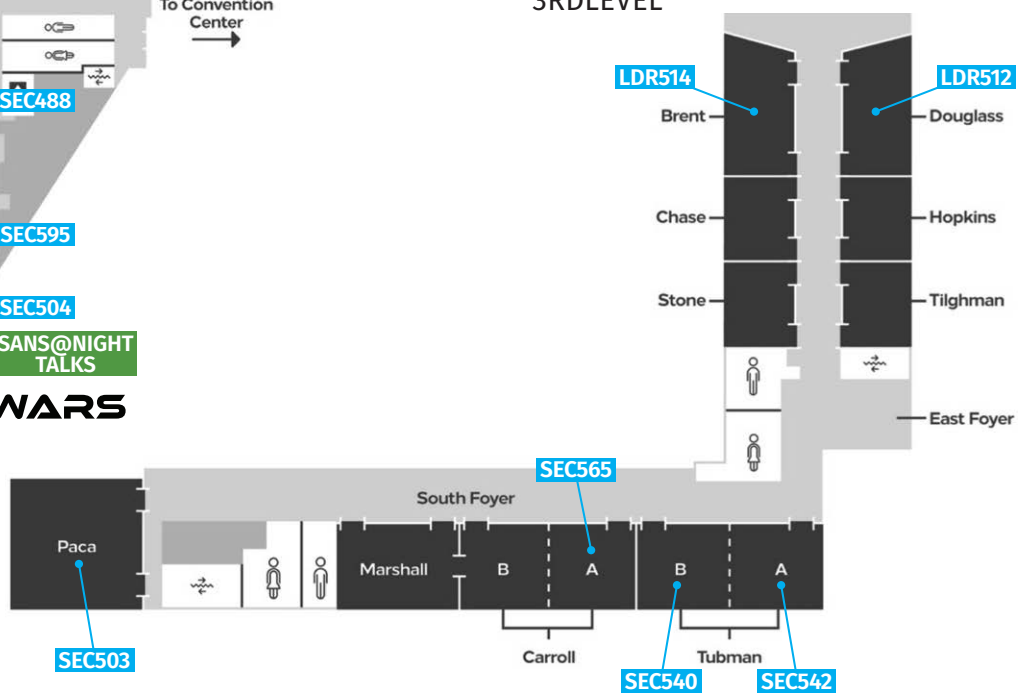
HOTEL FLOOR PLAN

1ST LEVEL

2NDLEVEL



3RDLEVEL



BONUS SESSIONS

Enrich Your SANS Experience!

Talks by our faculty and selected subject-matter experts help you broaden your knowledge, get the most for your training dollar, and hear from the voices that matter in network and computer security.

RECEPTION

SANS Security East 2025 Welcome Reception

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LOCATION: **Diamond Tavern** (1ST LEVEL)

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SPECIAL EVENT

SANS Security East 2025 Relaxation Lounge

Wednesday, March 5 | **7:00 AM–1:00 PM**
LOCATION: **Mencken** (2ND LEVEL)

7:00–8:00 AM	Rise and shine—All levels flow
8:00–9:00 AM	Scents and sounds lounge—Sound bath and aromatherapy (please stop in at any time during this segment)
10:35–10:45 AM	Mid-morning inscape—Meditational yoga nidra practice
12:15–12:30 PM	Cyber-strong plank-off
12:40–1:10 PM	Seated serenity chair yoga

NOTE: Please stop by our Relaxation Lounge at any time between sessions to enjoy some peace and quiet or to just escape from the day.

FEATURED KEYNOTE

From Entertainment to Action: *Storytelling as Cyber Strategy*

Tuesday, March 4
LOCATION: **Holiday 6** (2ND LEVEL)
6:00–6:30 PM (RECEPTION) | **6:30–8:30 PM** (KEYNOTE)
SPEAKER: **Tony Sager, Senior VP & Chief Evangelist**

The art of storytelling has long been recognized as an essential tool for business leadership, including for cyber defense. Professional storytelling is much more than entertainment. A good story can turn complex topics into memories, dry facts into inspiration, and successes (and failures) into lessons. The right story can also create the goal that inspires people to come together in common action.

In this talk, Tony Sager will describe several stories developed during his career at the National Security Agency—and how they brought people and ideas together into a single theme that helped change missions, organizations, and the industry.

For example, Tony grew up in the NSA world of security testing for defense—Red Teams, Blue Teams, product vulnerability analysis, etc. Each project or task was a "one-off"—helpful to a customer or a project, but not really addressing root causes. "Security Sampling" was a story that helped people see their individual jobs as part of a larger whole, where each job is a "sample" of the environment that allows us to draw meaningful conclusions about the population from which we are sampling (the networks of the Defense Department).

He'll describe similar stories that led to national consensus on security benchmarks; an open framework of Cyber "Plumbing" and Security Automation; and the origin of the CIS Security Controls. With each story there's an idea, a lesson, and an outcome.

BONUS SESSIONS

RECEPTION

SANS Community Night: Strengthening Connections in Cybersecurity

Wednesday, March 5 | 6:00–7:00 PM

LOCATION: **Holiday 6** (2ND LEVEL)

Join us for a special "Community Night" reception at SANS Security East 2025. This gathering is open to all cybersecurity professionals and designed to foster connections across the entire spectrum of our community—from newcomers to seasoned experts.

Celebrate the enduring spirit of learning and collaboration that defines the SANS community. Whether you are a new student, a long-time alum, or a cybersecurity professional passionate about the latest advancements, this evening offers an exceptional opportunity to network, share insights, and discuss the evolving challenges and solutions in cybersecurity.

Join SANS staff, faculty, and peers in the field for an inspiring night filled with bites, beverages, and connections. This is your chance to blend past experiences with new insights, building lasting relationships and strengthening our collective efforts in the cybersecurity landscape.

SANS@NIGHT

SANS Community Night: Featured Talks & Topics

Wednesday, March 5 | 7:00–8:00 PM

LOCATION: **Holiday 6** (2ND LEVEL)

Don't Poison the Water Hole

SPEAKER: **Christopher Elgee, Certified Instructor**

With western critical infrastructure under active attack, we need careful OT pentests now more than ever" earlier. Critical infrastructure is all the stuff that defines the first world bubble we live in. Drinking water, electricity, and hospitals are so essential to how we live that we rarely think about them. Let's think about them! We'll talk about why they should be tested - and how we can do so safely.

How do I get a job in CyberSecurity?

SPEAKER: **Aaron Cure, Principal Instructor**

I have the training, a cert or two, now how do I get a job? Join Aaron Cure as he discusses the importance of branding, contributing, and community in your career. Looking to move beyond your first cyber job, into a new field, or a different job? This talk is for you too! Whether you are just starting out, or a seasoned pro, these tips can help you land that next great thing!

Tempering Expectations, Creating Alignment: AI in the Business

SPEAKER: **David Hoelzer, Fellow**

Globally, enterprises are convinced that AI is needed and will revolutionize the business process. Is this true? How will it happen? How can you temper leadership expectations while simultaneously aligning solutions with business operations? Come and find out.

BONUS SESSIONS

CYBER RANGES

Core NetWars Tournament

NETWARS CORE

Thursday, March 6 & Friday, March 7 | 6:30–9:30 PM

LOCATION: **Holiday 6** (2ND LEVEL)

The most comprehensive of the NetWars ranges, this ultimate multi-disciplinary cyber range powers up the most diverse cyber skills. This range is ideal for advancing your cybersecurity prowess in today's dynamic threat landscape. The winning team and the top five solo players from every NetWars tournament throughout the year are offered a chance to compete in the annual SANS NetWars Tournament of Champions.

CYBER RANGES

DFIR NetWars Tournament

NETWARS DFIR

Thursday, March 6 & Friday, March 7 | 6:30–9:30 PM

LOCATION: **Holiday 4** (2ND LEVEL)

Focused on digital forensics, incident response, threat hunting, and malware analysis, this tool-agnostic approach covers everything from low-level artifacts to high-level behavioral observations.

Free Resources

Newsletters

NewsBites
Twice-weekly, high-level executive summaries of the most important news relevant to cybersecurity professionals.

OUCH!
The world's leading monthly free security awareness newsletter designed for the common computer user.

@RISK: The Consensus Security Alert
A reliable weekly summary of newly discovered attack vectors, vulnerabilities with active new exploits, how recent attacks worked, and other valuable data.

Virtual Events, Research & Webcasts

Analyst Program: Research & Content
Reports on emerging and mission-critical topics. Solution providers drive topic awareness to a qualified audience of decision-makers and influencers through insightful educational content and help security teams tackle today's threats.

Ask The Expert Webcasts
SANS Experts bring current and timely information on relevant topics in IT security. These are the go-to online format to obtain actionable information to help you in your security goals.

Solutions Forums & Summit Tracks
In partnership with a SANS subject-matter expert, invited speakers showcase their products and solutions to high-level security practitioners and cybersecurity decision-makers.

Many Other Free Resources

(SANS.org account not required)

- InfoSec Reading Room
- Top 25 Software Errors
- 20 Critical Controls
- Security Policies
- Intrusion Detection FAQs
- Tip of the Day
- Security Posters
- 20 Coolest Careers
- Security Glossary
- SCORE (Security Consensus Operational Readiness Evaluation)

Sign into your SANS account to enjoy these **free** resources at **www.sans.org/account**

SAVE THE DATE

SANS is returning to Baltimore for SANS Baltimore Spring 2025 **(June 2–7)** and SANS Offensive Operations East 2025 **(June 9–14)**

Upcoming SANS Training Events

San Antonio Spring	San Antonio, TX	Hybrid	Mar 17–22
DFIR Dallas	Dallas, TX	Hybrid	Mar 24–29
Cyber Security Mountain: Mar		Virtual (MT)	Mar 31–Apr 5
SANS 2025™	Orlando, FL	Hybrid	Apr 13–18
Stay Sharp: April		Virtual (CT)	Apr 28–30
Chicago Spring	Chicago, IL	Hybrid	Apr 28–May 3
Security West™	San Diego, CA	Hybrid	May 5–10
Security Leadership Nashville	Nashville, TN	Hybrid	May 19–23
Baltimore Spring	Baltimore, MD	Hybrid	Jun 2–7
Cyber Defense Miami	Coral Gables, FL	Hybrid	Jun 2–7
Offensive Operations East	Baltimore, MD	Hybrid	Jun 9–14
Rocky Mountain	Denver, CO	Hybrid	Jun 23–28
SANSFIRE™	Washington, DC	Hybrid	Jul 14–19
Anaheim	Anaheim, CA	Hybrid	Jul 21–26
Huntsville	Huntsville, AL	Hybrid	Jul 28–Aug 2
San Antonio	San Antonio, TX	Hybrid	Aug 4–9
Chicago	Chicago, IL	Hybrid	Aug 11–16
Boston	Boston, MA	Hybrid	Aug 11–16
Virginia Beach	Virginia Beach, VA	Hybrid	Aug 18–23
Emerging Threats: Leadership Response	Virginia Beach, VA	Hybrid	Aug 25–29
Network Security™	Las Vegas, NV	Hybrid	Sep 22–27