

SiegeUNIVERSITY

Siege-U Provides the Edge

Knowledge is the key to advancement, and technical professionals must continuously refresh their skills to stay on top of the game. Digital risks to enterprise security grow more threatening every day, and corporate survival hinges on taking control of these risks. Truly qualified technical personnel are hard to find, and those armed with the know-how to anticipate and manage network threats are indispensable to the enterprise. They enable confidence and growth, and protect corporate brands and revenues.

SiegeUNIVERSITY™ (Siege-U™) provides a full range of education, training, and certification courses to give developers, system and network administrators, engineers, security personnel, auditors, and consultants the tools and experience needed to face security challenges head-on. Those armed with knowledge from our courses succeed personally and professionally, and a company's investment in training guarantees maximum returns for IT security assets.

World-Class Education and Training Courses

The education and training courses provided by Siege-U are unmatched in the industry. Leading methodologies ensure a true transfer of knowledge through lectures, labs, discussions, and demonstrations. Students walk away with tools and techniques that can be applied immediately. They gain a detailed understanding of the intricacies of security strategy, design, implementation, and operation. Siege-U offers more training at less cost. Yearly subscriptions allow unlimited learning, and include a cap-off course with travel to a desirable off-site location.

Siege-U offers education and training courses in:

Network security: This course teaches students the ins-and-outs of analyzing and correcting vulnerabilities in a complex enterprise network, including: management practices, access control, architecture and models, operations, and secure design principles. Experts explain how to fortify an extensive network with business process security techniques. They explore risk assessment, penetration testing and gap analysis, and remediation. Instructors present tools and products that are used for quick, appropriate responses and effective, long-term strategies. Topics include application and content firewalls, virtual private networks, and intrusion detection systems

Application security: This course draws from SiegeWorks' extensive real-world experience in application security design and implementation. Based on proven best practices, it teaches how to identify and mitigate vulnerabilities in enterprise and Web applications, databases, and wireless applications. Students learn effective secure architecture and coding techniques.

They explore security for major enterprise categories, including: collaborative, compliance and privacy, data warehousing, e-commerce, enterprise resource planning, customer relationship management, and software/entertainment.

Wireless security: This course creates a real-world environment to teach students the specific problems and solutions associated with security for wireless applications and devices. Students learn tools and techniques to analyze the environment and design solutions that actively defend against intruders and attacks. They explore real-life case studies and learn layered approaches to security for Wireless LANs and devices, and mobile networking.

Forensics: This course covers computer forensics theory, methods, and procedures. It presents cutting-edge topics and techniques for collection and analysis of events and data used to investigate and determine the source of attacks. Students learn to retrieve data effectively from damaged hardware, and explore leading tools and incident response methods for prevention and recovery.



SiegeUNIVERSITY (continued)

Siege-U education and training courses (cont.)

Compliance: Siege-U's security compliance experts teach practical measures to implement an infrastructure that guarantees privacy in the most effective and cost-efficient manner. Students learn about HIPAA, Sarbanes-Oxley, and financial regulations from a corporate IT perspective. Best practices, case studies, and products simplify compliance and provide a toolkit to implement an appropriate and forward-looking solution.

Secure coding: This course teaches best practices for writing code, and teaches how to avoid security holes when developing applications. Students learn methods for performing security audits, security tests, and security code reviews to identify bugs. Siege-U's instructors are experts in the latest attack techniques, and they teach how to avoid the weaknesses inherent in programming languages and platforms that these attacks exploit. Students learn to identify potential pitfalls, write bulletproof code, and fortify applications through hands-on sessions. Common topics include: buffer overflow, format string vulnerabilities, authentication, authorization, and cryptography.

Security testing: This course teaches the specifics of network and application security testing to analyze the full enterprise network. Experts show how to find system weaknesses that hackers target daily. Students learn in-depth assessment methods, including penetration testing and gap analysis, audits, and security code reviews. Through best practices and proven methodologies, they walk away with a deep understanding of specific tools they can apply in a multitude of testing environments.

Intrusion Detection System (IDS) tuning: This course teaches students to extend the effectiveness of an Intrusion Detection System to create a mechanism that fully monitors and inspects everything that comes through a network's front door. Instructors pull from their extensive systems knowledge to teach tips, tricks, and techniques that get the best results. Students become experts in IDS configuration and operation. They learn to minimize risks and costs while maximizing security intelligence.

Comprehensive Certification Courses

Certification guarantees advancement. It provides everything that a professional needs to know to be successful in a certain environment. Certifications are based on established industry-leading technologies and methodologies to ensure high industry-wide standards. Siege-U offers hands-on experience to build proficiency for certification exams.

Certification creates a benchmark of vital enterprise security knowledge including policy and configuration, access management, information security practices and standards, activity monitoring, intruder prevention, product knowledge, and standards compliance. Siege-U offers certification courses for CMET, CISSP, SSP, CheckPoint, Nokia, Cisco, e-Security, Sanctum, and others.

How to Attend

View Siege-U's course calendar at www.siegeworks.com for up-to-date registration information. Registration is available online or by phone (insert phone number). One-year subscriptions to Siege-U allow professionals to build a comprehensive portfolio of skills through unlimited learning from the industry's top instructors. Siege-U has locations in Dublin (CA), Sacramento, Silicon Valley, North Carolina, New York, Seattle, and Japan.

Prepare for the Future

Siege-U's training and certification courses are taught by experts in large application architecture, database development, and network security. Their cutting-edge methods and techniques give students a practical toolkit for building and maintaining bulletproof security infrastructures. Students walk away with all the know-how they need to control current and emerging enterprise security risks.

Benefits:

- Network and application security training
- Comprehensive certification courses
- Unlimited learning from top instructors
- More training at less cost
- End-of-year cap off class with travel included
- Unsurpassed knowledge transfer
- Practical toolkits for immediate benefit

