CURRICULUM GUIDE

C|EH
Certified Ethical Hacker

Helping Educators Build World Class Cybersecurity Programs

TABLE OF CONTENTS

EC-Council Academia

Accredited Education Solutions

Workforce Training & Development

Events

TABLE OF CONTENTS

⚙ Technologies

❓ About EC-Council

EC-Council | Academia
www.eccouncil.org/academia

Turnkey Academic Programs Leading to Industry Certifications

| FREE Partnership | Student Discounts & Exam Eligibility | Faculty Scholarships | US DoD Approved Credentials | Capture the Flag Competitions |

STUDENTS | ALUMNI | FACULTY | EMPLOYEES

We wrote the standards.
PERIOD.

C|EH ™
CERTIFIED ETHICAL HACKER

The International Council of E-Commerce Consultants (EC-Council) is known as the world's largest technical cybersecurity certification body. EC-Council is also recognized for being the inventor of the globally recognized Certified Ethical Hacker (CEH) certification, coining the phrase "Ethical Hacking" back in 2001 when "hacking" was still considered a "bad" word!

Fast-forward almost twenty years and EC-Council now offers over 20 career-focused, tactical cybersecurity certifications that are widely recognized and accredited, and valued by industry, governments, and ministries across the world.

Some of the finest organizations around the world such as the U.S. Army, U.S. Navy, DoD, the FBI, Microsoft, IBM, and the United Nations have trusted EC-Council to help develop their security infrastructure and posture.

Accreditations and Alignments

ANAB 17024
ANSI National Accreditation Board

Veteran Affairs
Department of Veteran Affairs US

NICE
National Initiative for Cybersecurity Education

NSA
National Security Agency USA

DoD
Department of Defense Directive 8570

O*NET Ally
Cybersecurity work role contributor with the U.S.Department of Labor

GCT
GCHQ Certified Training
UK intelligence, cyber and security agency

American Council on Education
Certification for College Credit

ARMY CA
U.S. Army Credentialing Assistance

EC-COUNCIL | ACADEMIA
PARTNER

Helping Educators Build World-Class Cybersecurity Programs

There are not enough hours in a day for educators. EC-Council Academia Partnership has you covered!

- Faculty Scholarships
- Evaluation Resources
- Syllabus & Lesson Plans
- Faculty Presentations
- Program Integration
- Cyber Ranges & New Technologies
- Assessments & Quizzes
- Stackable Credentials
- Cyber Competitions & Events
- Mobile Hacking Workshops
- Student Voucher Discounts
- Career Path & NCWF Mapping
- Industry Accreditations
- STORM Mobile Hacking Kits
- Whitepapers & Case Studies

Become an EC-Council Academia Partner today!

FREE ONLINE REGISTRATION

C|EH™
CERTIFIED ETHICAL HACKER

The Benefits of Becoming an EC-Council Academia Partner:

- One complimentary faculty certification scholarship towards any EC-Council certification course.
- Complimentary evaluation resources for any faculty member towards any EC-Council Academia Series course
- 50% off Academia Partner rate exam vouchers for any university faculty member
- Discounted courseware and automatic exam eligibility for students that utilize any full Academia Series
- Exam voucher discounts (As low as $300)
- EC-Council Academia Partner logo and trademark use as applicable to terms and conditions
- Free tickets to EC-Council events including Hacker Halted for students and faculty
- Free tickets to compete in the annual Global CyberLympics events for students and faculty
- and more!

Step 1: Apply for Partnership

Colleges and universities may apply for EC-Council Academia partnership.

Step 2: Automatic Discounts Unlocked Upon Approval

Upon approval, EC-Council Academia Series partner access within ASPEN will be enabled automatically for the college or university applicant! Discounts for faculty, students, alumni, and employees within the institution network are activated immediately as well as a number of other benefits! This includes discounted resources students can purchase if not included in the instructor led class, or asynchronous (self-study) certification bundles (E.g. EC-Council Academia Series Continuing Education Bundles) used to independently certify.

Step 3: Faculty Review and Resource/ Ancillary Evaluation

EC-Council certification curriculum and ancillary access is granted upon request for instructors and faculty institution wide. Faculty may review EC-Council Academia Series access to eCourseware, student lesson plans (Syllabi), course mapping resources, questions and quizzes, labs (cyber range access) and more across each course.

Step 4: Adopt and Implement Academia Series Resources Across Your Institution

Implementing EC-Council Academia Series resources and ancillaries across your institutions is easy! Faculty teaching classes may adopt course materials for students to purchase independently or through their bookstore, or from EC-Council directly. Asynchronous, self-study certification bundle options (E.g. EC-Council Academia Continuing Education Bundles) may also be offered to student clubs/ associations, competition teams, alumni, and employees!

Certification Resources:

- EBook + Labs
- EBook + Labs + Exam Voucher
- EC-Council Academia Series Continuing Education Bundles (Self-Study student bundles)

Ancillary Resources:

- Labs (Online Secure Cyber Range)
- EC-Council Learning (Trending Asynchronous Video Courses)
- CyberQ (Cyber War Gaming Competitions and Challenges)
- EC-Council STORM Kit (Mobile Hacking Kit)
- EC-Council Aware (FREE Online Mobile App)

Step 5: Help Us Share Your Success!

We strive to highlight our partners best practices in educating students, alumni, and employees. Contact us today to learn more on how to share your program's success through our Blog with the EC-Council Global Community! How Are Institutions Like Mine Utilizing the Academia Partnership? EC-Council understands the importance and rigor of course design and implementation post curriculum adoptions. Academic institutions partnered with EC-Council offer learning resources in many ways depending on the following:

- Course Credits (E.g. Credit vs. Non-Credit)
- Course Type (E.g. Core, Elective, Independent Study)
- Degree Program (E.g. AS, BS, MS, Certificate)
- Semester Length (E.g. 10, 12, 15, 16 week)
- Modality (E.g. onsite, online, or hybrid)
- and more...

Our Academia teams are here to support your specific needs for a seamless adoption process!

## Our Academia teams are here to support your specific needs for a seamless adoption process!

Find out more on how to become a partner today at www.eccouncil.org/academia

Click here to see what our partners in the industry are saying.

EC-Council | Academia partnership for your institution authorizes the following for your students:

- Discounted EC-Council Learning Resources
- Automatic Exam Eligibility (with eBook purchase)
- Discounted Exam Vouchers
- Free Global CyberLympics Entry
- Free Hacker Halted Entry
- Discounted STORM Mobile Hacking Kits
- Access to EC-Council Supporting Events and Communities
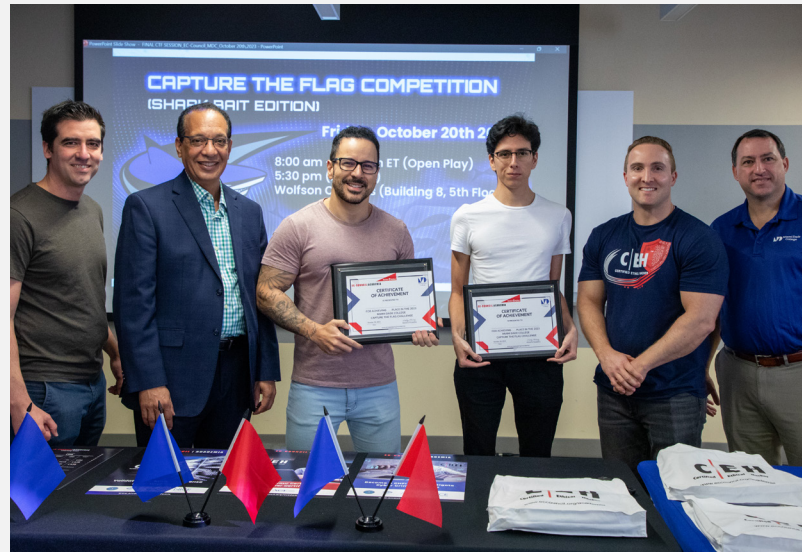
EC-COUNCIL | ACADEMIA
—— STUDENT ENGAGEMENT ——

EC-Council supports on campus and virtual student engagements from Capture the Flag competitions, guest lectures, and events within the partner network.

Click here to watch this video covering the CyberQ platform for those getting ready to compete in a CyberQ CTF competition. CyberQ is your skills development lab range and Capture the Flag competition platform.

For information on students engagements, or to provide details about an upcoming event, please contact ace-support@eccouncil.org.

Join Our Cybersecurity Ecosystem!

We understand that building a Cybersecurity ecosystem requires a combination of education, cyber competitions, support for student clubs and associations, events, leadership, and more. EC-Council Academia partnership offers the tools and support to support both new and mature programs in a number of key Cybersecurity domains.

Here are some of the ways we develop Cybersecurity ecosystems:

➤ Developing cybersecurity initiatives state/ region-wide resulting in safer, more secure academic communities.

➤ High-level program integration at all degree levels with stackable credentials resulting in stronger cybersecurity program outcomes.

➤ Sponsoring academic cyber camps, clubs and competitions to engage continued education and critical thinking skills.

➤ Developing new, innovative standards of cybersecurity education with hands-on learning to provide the most intense aspects of on-the-job training and career readiness.

➤ Facilitating nationally ranked conferences and collegiate cyber competitions.

➤ Hosting onsite or virtual workshops covering trending topics such as Mobile Hacking, Drone Hacking, Social Engineering, Dark Web Forensics, etc.

EC-Council Offices:

➤ Albuquerque, NM, USA

➤ Tampa, FL, USA

➤ Phoenix, AZ, USA

➤ Ontario, Canada

➤ Hyderabad, India

➤ New Delhi, India

➤ Singapore

➤ Kuala Lumpur, Malaysia

➤ Indonesia

➤ London, UK

Contact
ace-support@eccouncil.org
for more information!

November 4, 2022

EC-Council collaborates with Pasco Hernando State College (PHSC) for a Capture the Flag Hackathon supporting local high school and post-secondary students.

CLICK HERE

March 24, 2023

EC-Council hosts the Orange County Public School District Mid Florida Cyber Challenge Capture the Flag event with CyberQ.

CLICK HERE

June 1, 2023

EC-Council launches new CAE Benefits program to provide further support the National Centers of Academic Excellence (NCAE) in the United States.

CLICK HERE

Partnering with Centers of Academic Excellence to prepare students across the USA for their future Cybersecurity Careers

PARTNER WITH EC-COUNCIL

CLICK HERE

CLICK HERE

CLICK HERE

ACADEMIA PARTNER OF THE YEAR
EC-Council
2022

Western Governors University
(North America)

ACADEMIA BEST NEW COMER
EC-Council
2022

Maryville University
(North America)

ACADEMIA INNOVATOR OF THE YEAR
EC-Council
2022

Collin College
(North America)

ACADEMIA CIRCLE OF EXCELLENCE
EC-Council
2022

University of Maryland Global Campus
University of Phoenix
ECPI University
Lambton College in Mississauga Forsyth
Technical Community College
(North America)

ACADEMIA INSTRUCTOR OF THE YEAR
EC-Council
2022

Dr. Diego Tibaquirá
(Miami Dade College)

(North America)

ACADEMIA INSTRUCTOR CIRCLE OF EXCELLENCE
EC-Council
2022

Nicole Dyess
(Eastern Florida State College)
Chris Hope
(Southern Crescent Technical College)
Greg Hirsch
(Vincennes University)
Larry Atkinson
(Lorain County Community College)
(North America)

EC-COUNCIL | ACADEMIA
Learning Track

Executive

EXECUTIVE LEADERSHIP

C|CISO
Certified Chief Information Security Officer

	NETWORK DEFENSE	VULNERABILITY ASSESSMENT & PEN TESTING	INCIDENT HANDLING & RESPONSE	APPLICATION SECURITY
Specializations	THREAT INTELLIGENCE **C|TIA** Certified Threat Intelligence Analyst	PEN TESTING **C|PENT** Certified Penetration Testing Professional	DISASTER RECOVERY **EC-Council Disaster Recovery Professional**	DEVSECOPS **E|CDE** EC-Council Certified DevSecOps Engineer
	CLOUD SECURITY **C|CSE** Certified Cloud Security Engineer	WEP APP HACKING **W|AHS** Web Application Hacking & Security	INCIDENT RESPONSE **E|CIH** EC-Council Certified Incident Handler	APPLICATION SECURITY **C|ASE** .NET Certified Application Security Engineer
	SOC ANALYST **C|SA** Certified SOC Analyst	ETHICAL HACKING **C|EH PRACTICAL** Certified Ethical Hacker	DIGITAL FORENSICS **C|HFI** Computer Hacking Forensic INVESTIGATOR	APPLICATION SECURITY **C|ASE** JAVA Certified Application Security Engineer

Core

NETWORK DEFENSE
C|ND
Certified Network Defender

ETHICAL HACKING
C|EH
Certified Ethical Hacker

Cyber Technician

CYBER TECHNICIAN
C|CT
Certified Cybersecurity Technician

Cyber Essentials

ESSENTIALS SERIES

N|DE
Network Defense Essentials

E|HE
Ethical Hacking Essentials

D|FE
Digital Forensics Essentials

Knowledge Workers

CYBERSECURITY AWARENESS
C|SCU
Certified Secure Computer User

ENCRYPTION
E|CES
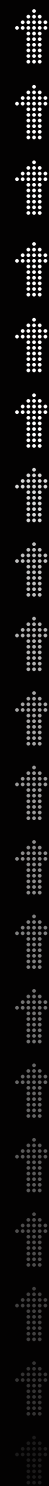EC-Council Certified Encryption Specialist
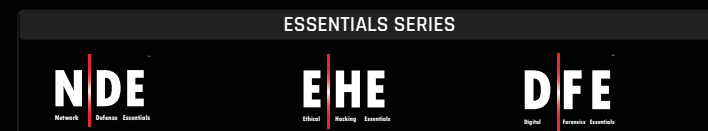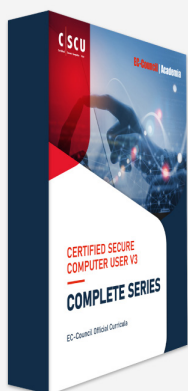
Individual Courses

EC-Council | Learning
World's Largest Online
Cybersecurity Course Library

END USER

C|SCU ™
CERTIFIED SECURE COMPUTER USER

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The purpose of the CSCU training program is to provide individuals with the necessary knowledge and skills to protect their information assets. This class will immerse students into an interactive environment where they will acquire a fundamental understanding of various computer and network security threats such as identity theft, credit card fraud, online banking phishing scams, virus and backdoors, emails hoaxes, sex offenders lurking online, loss of confidential information, hacking attacks and social engineering. More importantly, the skills learned from the class helps students take the necessary steps to mitigate their security exposure.

CSCU EBOOK

Certified Secure Computer User (CSCU) Version 3 (Volume 1 of 1)

RESOURCES

- 📖 EBook
- ⚗ Labs
- 🎥 Videos
- ◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 112-12

Eligibility Requirements:
No exam eligibility criteria.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Introduction to Security	1
Securing Operating Systems	1
Malware and Antivirus	1
Internet Security	1
Security on Social Networking Sites	1
Securing Email Communications	1
Securing Mobile Devices	1
Securing the Cloud	1
Securing Network Connections	1
Data Backup and Disaster Recovery	1
Securing IoT Devices and Gaming Consoles	1
Secure Remote Work	1

END USER

E|CES ™

EC-COUNCIL CERTIFIED ENCRYPTION SPECIALIST

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The EC-Council Certified Encryption Specialist (ECES) program introduces professionals and students to the field of cryptography. The participants will learn the foundations of modern symmetric and key cryptography including the details of algorithms such as Feistel Networks, DES, and AES. Other topics introduced:
- Overview of other algorithms such as Blowfish, Twofish, and Skipjack
- Hashing algorithms including MD5, MD6, SHA, Gost, RIPMD 256 & others.
- Asymmetric cryptography thorough descriptions of RSA, Elgamal, Elliptic Curve, & DSA.
- Significant concepts such as diffusion, confusion, and Kerchkoff's principle.

Participants will also be provided a practical application of the following:
- How to set up a VPN
- Encrypt a drive
- Hands-on experience with steganography
- Hands on experience in cryptographic algorithms ranging from classic ciphers like Caesar cipher to modern day algorithms such as AES and RSA.

ECES EBOOK

EC-Council Certified Encryption Specialist (ECES) Version 3 (Volume 1 of 1)

RESOURCES

📘 EBook

⚗️ Labs

📹 Videos

◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 212-81

Eligibility Requirements:
Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Introduction and History of Cryptography	1
Symmetric Cryptography and Hashes	1
Number Theory and Asymmetric Cryptography	1
Applications of Cryptography	1
Cryptanalysis	1
Quantum Computing and Cryptography	1

CYBER NOVICE

N|DE™
NETWORK DEFENSE ESSENTIALS

EC-Council's Network Defense Essentials (NDE) course is designed as a part of the Essentials Series, EC-Council's first MOOC Certification program series.

With the EC-Council Essentials Series, our goal is to implement a technician track to teach students and adults of all ages, baseline Cybersecurity skills across these three areas: Network Defense, Ethical Hacking, Digital Forensics. The NDE course helps to fill the workforce gap with level 1 and level 2 cyber technicians.

The course maps to Knowledge, Skills, and Abilities as applicable within the NICE Framework.

NDE EBOOK

Network Defense Essentials (NDE) (Volume 1 of 1)

RESOURCES

- 📖 EBook
- ⚗ Labs
- 🎥 Videos
- 📝 Exam Prep
- ◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 112-51

Eligibility Requirements:
No exam eligibility criteria.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Network Security Fundamentals	1
Identification, Authentication and Authorization	1
Network Security Controls - Administrative Controls	1
Network Security Controls - Physical Controls	1
Network Security Controls - Technical Controls	1
Virtualization and Cloud Computing	1
Wireless Network Security	1
Mobile Device Security	1
IoT Device Security	1
Cryptography and PKI	1
Data Security	1
Network Traffic Monitoring	1

CYBER NOVICE

E|HE ™
ETHICAL HACKING ESSENTIALS

EC-Council's Ethical Hacking Essentials (EHE) course is designed as a part of the Essentials Series, EC-Council's first MOOC Certification program series.

With the EC-Council Essentials Series, our goal is to implement a technician track to teach students and adults of all ages, baseline Cybersecurity skills across these three areas: Network Defense, Ethical Hacking, Digital Forensics.

The EHE course helps to fill the workforce gap with level 1 and level 2 cyber technicians. The course maps to Knowledge, Skills, and Abilities as applicable within the NICE Framework.

EHE EBOOK

Ethical Hacking Essentials (EHE) (Volume 1 of 1)

RESOURCES

- 📖 EBook
- ⚗ Labs
- 🎥 Videos
- 🖊 Exam Prep
- ◉ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 112-52

Eligibility Requirements:
No exam eligibility criteria.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Information Security Fundamentals	1
Ethical Hacking Fundamentals	1
Information Security Threats and Vulnerabilities	1
Password Cracking Techniques and Countermeasures	1
Social Engineering Techniques and Countermeasures	1
Network Level Attacks and Countermeasures	1
Web Application Attacks and Countermeasures	1
Wireless Attacks and Countermeasures	1
Mobile Attacks and Countermeasures	1
IoT and OT Attacks and Countermeasures	1
Cloud Computing Threats and Countermeasures	1
Penetration Testing Fundamentals	1

CYBER NOVICE

DFE™
DIGITAL FORENSICS ESSENTIALS

EC-Council's Digital Forensics Essentials (DFE) course is designed as a part of the Essentials Series, EC-Council's first MOOC Certification program series.

With the EC-Council Essentials Series, our goal is to implement a technician track to teach students and adults of all ages, baseline Cybersecurity skills across these three areas: Network Defense, Ethical Hacking, Digital Forensics.

The DFE course helps to fill the workforce gap with level 1 and level 2 cyber technicians. The course maps to Knowledge, Skills, and Abilities as applicable within the NICE Framework.

DFE EBOOK

Digital Forensics Essentials (DFE) (Volume 1 of 1)

RESOURCES

- 📖 EBook
- ⚗ Labs
- 🎥 Videos
- ✏ Exam Prep
- ◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 112-53

Eligibility Requirements:
No exam eligibility criteria.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Computer Forensics Fundamentals	1
Computer Forensics Investigation Process	1
Understanding Hard Disks and File Systems	1
Data Acquisition and Duplication	1
Defeating Anti-forensics Techniques	1
Windows Forensics	1
Linux and Mac Forensics	1
Network Forensics	1
Investigating Web Attacks	1
Dark Web Forensics	1
Investigating Email Crimes	1
Malware Forensics	1

TECHNICIAN

CCT
CERTIFIED CYBERSECURITY TECHNICIAN

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The CCT is an entry-level cybersecurity program engineered by EC-Council, to address the global need and demand for cybersecurity technicians with strong foundational skills. CCT provides the foundational skills essential for starting a career in cybersecurity, focusing on four disciplines: network defense, ethical hacking, digital forensics, and security operations. The CCT certification prepares IT and cybersecurity professionals to handle a wide range of complex issues related to securing software, networks, and IT systems against common cyberthreats and attacks.

CCT EBOOK

Certified Cybersecurity Technician (CCT) (Volume 1 of 1)

RESOURCES

- EBook
- Labs
- Videos
- Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 212-82

Eligibility Requirements: No exam eligibility criteria.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Information Security Threats and Vulnerabilities	1
Information Security Attacks	1
Network Security Fundamentals	1
Identification, Authentication, and Authorization	1
Network Security Controls – Administrative Controls	1
Network Security Controls – Physical Controls	1
Network Security Controls – Technical Controls	1
Network Security Assessment Techniques and Tools	1
Application Security	1
Virtualization and Cloud Computing	1
Wireless Network Security	1
Mobile Device Security	1
IoT and OT Security	1
Cryptography	1
Data Security	1
Network Troubleshooting	1
Network Traffic Monitoring	1
Network Logs Monitoring and Analysis	1
Incident Response	1
Computer Forensics	1
Business Continuity and Disaster Recovery	1
Risk Management	1

CORE

C|ND
Certified Network Defender ™

**INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!**

Organizational focus on cyber defense is more important than ever as cyber breaches have a far greater financial impact and can cause broad reputational damage. Despite best efforts to prevent breaches, many organizations are still being compromised. Therefore, organizations must have, as part of their defense mechanisms, trained network engineers who are focused on protecting, detecting, and responding to the threats on their networks. Network administrators spends a lot of time with network environments, and are familiar with network components, traffic, performance and utilization, network topology, location of each system, security policy, etc.

The Network Administrator is the first line of defense for any organization. Network defense is a core tactical network security skill made available through EC Council Network Defender™.
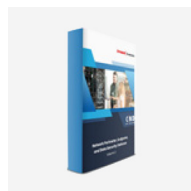
CND EBOOK SERIES

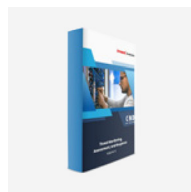Certified Network Defender Complete Academia Series (Volumes 1 Through 4)
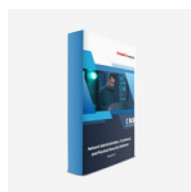
Network Administration, Technical, and Physical Security Defense (Volume 1 of 4)

Network Perimeter, Endpoint, and Data Security Defense (Volume 2 of 4)

Virtual, Cloud, and Wireless Network Security Defense (Volume 3 of 4)

Threat Monitoring, Assessment, and Response (Volume 4 of 4)

RESOURCES

- EBook
- Labs
- Videos
- Exam Prep
- Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-38

Eligibility Requirements: Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Network Attacks and Defense Strategies	1
Administrative Network Security	1
Technical Network Security	1
Network Perimeter Security	2
Endpoint Security-Windows Systems	2
Endpoint Security-Linux Systems	2
Endpoint Security- Mobile Devices	2
Endpoint Security-IoT Devices	2
Administrative Application Security	2
Data Security	2
Enterprise Virtual Network Security	3
Enterprise Cloud Network Security	3
Enterprise Wireless Network Security	3
Network Traffic Monitoring and Analysis	4
Network Logs Monitoring and Analysis	4
Incident Response & Forensic Investigation	4
Business Continuity & Disaster Recovery	4
Risk Anticipation with Risk Management	4
Threat Assessment with Attack Surface Analysis	4
Threat Prediction With Cyber Threat Intelligence	4

CORE

CEH™ v12
CERTIFIED ETHICAL HACKER

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The Certified Ethical Hacker ™ (CEH) program is the gold standard of information security training programs. EC-Council's flagship certification allows you to master hacking technologies. You will need to understand hacking and become a hacker, but an ethical one! The accredited course provides the advanced hacking tools and techniques used by hackers and information security professionals alike to break into organizations. As we say, "To beat a hacker, you need to think like a hacker". This course will immerse you into the hacker mindset so you will be able to understand attacks and exploits to defend against future attacks. The security mindset in any organization must not be limited to the silos of a certain vendor, technologies or pieces of equipment. This ethical hacking course puts you in the driver's seat of a hands-on environment with a systematic process. Here, you will be exposed to an entirely different way of achieving optimal information security posture in your prospective organization, by hacking it! You will scan, test, hack and secure your own systems while uncovering the ways to approach your target and succeed at breaking in every time! After taking this course, you will fully understand the five phases of ethical hacking: Reconnaissance, Gaining Access, Enumeration, Maintaining Access, and covering your tracks.

CEH EBOOK SERIES

Certified Ethical Hacker Complete Academia Series
(Volumes 1 through 4)

Ethical Hacking Concepts and Methodology
(Volume 1 of 4)

Attack Vectors and Countermeasures
(Volume 2 of 4)

Web Attacks and Defense
(Volume 3 of 4)

Infrastructure Security Threats and Controls
(Volume 4 of 4)

RESOURCES

- EBook
- Labs
- Videos
- Exam Prep
- Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-50

Eligibility Requirements: Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

| CHAPTER	VOL
Introduction to Ethical Hacking	1
Footprinting and Reconnaissance	1
Scanning Networks	1
Enumeration	1
Vulnerability Analysis	1
System Hacking	2
Malware Threats	2
Sniffing	2
Social Engineering	2
Denial of Service	2
Session Hijacking	3
Evading IDS, Firewalls and Honeypots	3
Hacking Webservers	3
Hacking Web Applications	3
SQL Injection	3
Hacking Wireless Networks	4
Hacking Mobile Platforms	4
IoT and OT Hacking	4
Cloud Computing	4
Cryptography	4

CORE

CHFI™
COMPUTER HACKING FORENSIC INVESTIGATOR

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

EC-Council's CHFI certifies individuals in the specific security discipline of computer forensics from a vendor-neutral perspective. The CHFI certification will fortify the application knowledge of law enforcement personnel, system administrators, security officers, defense and military personnel, legal professionals, bankers, security professionals, and anyone who is concerned about the integrity of the network infrastructure.
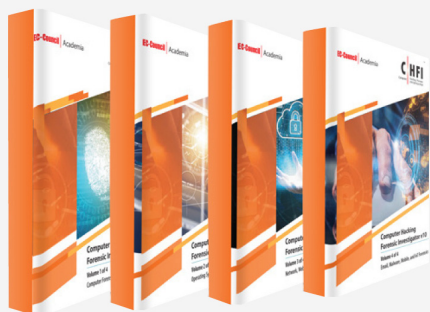
CHFI EBOOK SERIES

Computer Hacking Forensics Investigator Complete Academia Series
(Volumes 1 Through 4)

Computer Forensics Investigation Methodology
(Volume 1 of 4)

Operating System Forensics
(Volume 2 of 4)

Network, Web, and Cloud Forensics
(Volume 3 of 4)

Email, Malware, Mobile, and IoT Forensics
(Volume 4 of 4)

RESOURCES

- 📖 EBook
- ⚗ Labs
- 🎥 Videos
- ✎ Exam Prep
- ◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-49

Eligibility Requirements: Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Computer Forensics in Today's World	1
Computer Forensics Investigation Process	1
Understanding Hard Disks and File Systems	1
Data Acquisition and Duplication	1
Defeating Anti-forensics	2
Windows Forensics	2
Linux and Mac Forensics	3
Network Forensics	3
Investigating Web Attacks	3
Dark Web Forensics	3
Database forensics	3
Cloud Forensics	3
Investigating Email Crimes	4
Malware Forensics	4
Mobile Forensics	4
IoT Forensics	4

SPECIALIZE

E|DRP ™
EC-COUNCIL DISASTER RECOVERY PROFESSIONAL

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The EDRP certification is aimed at educating and validating a candidate's ability to plan, strategize, implement, and maintain a business continuity and disaster recovery plan. From 9/11 to Hurricane Katrina, and WannaCry, the business community has been hit over and over again by one disaster after another in the past decade and a half. Disaster frequency has increased exponentially in the past few years thanks to the growing number of cyber-attacks. What is even more scary is that studies show that 2 out of 5 business still do not even have a Business Continuity and Disaster Recovery (BC/DR) plan. Organizations that do have a plan in place, only about half of them test it regularly to see if it is still relevant. Furthermore, industry experts have reiterated the fact in every forum possible that the size of the business is irrelevant to having a BC/DR plan. Every organization and individual must have one to stay relevant in current times. This scenario can only be amended by trained BC/DR professionals who not only understand the gravity of the situation, but also are equipped to ensure that businesses are least impacted when a disaster strikes.

EDRP EBOOK

EC-Council Disaster Recovery Professional (EDRP) (Volume 1 of 1)

RESOURCES

- 📖 EBook
- ⚗ Labs
- 🎥 Videos
- ◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-76

Eligibility Requirements:
Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Introduction to Disaster Recovery and Business Continuity	1
Business Continuity Management (BCM)	1
Risk Assessment	1
Business Impact Analysis (BIA)	1
Business Continuity Planning (BCP)	1
Data Backup Strategies	1
Data Recovery Strategies	1
Virtualization-Based Disaster Recovery	1
System Recovery	1
Centralized and Decentralized System Recovery	1
Disaster Recovery Planning Process	1
BCP Testing, Maintenance, and Training	1

SPECIALIZE

ECIH™
CERTIFIED INCIDENT HANDLER

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The EC-Council Certified Incident Handler (ECIH) program is designed to provide the fundamental skills to handle and respond to the computer security incidents in an information system. The course addresses various underlying principles and techniques for detecting and responding to current and emerging computer security threats. Students will learn how to handle various types of incidents, risk assessment methodologies, and various laws and policies related to incident handling. After attending this course, they will be able to create incident handling and response policies as well as deal with various types of computer security incidents.

The IT incident management training program will enable students to be proficient in handling and responding to various security incidents such as network security incidents, malicious code incidents, and insider attack threats. In addition, students will learn about computer forensics and its role in handling and responding to incidents. The course also covers incident response teams, incident management training methods, and incident recovery techniques in detail. The ECIH certification will provide professionals greater industry acceptance as the seasoned incident handler.

ECIH EBOOK

EC-Council Certified Incident Handler (Volume 1 of 1)

RESOURCES

- ⬚ EBook
- ⬚ Labs
- ⬚ Videos
- ⬚ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 212-89

Eligibility Requirements:
Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Introduction to Incident Handling and Response	1
Incident Handling and Response Processes	1
Forensic Readiness and First Response	1
Handling and Responding to Malware Incidents	1
Handling and Responding to Email Security Incidents	1
Handling and Responding to Network Security incidents	1
Handling and Responding to Web Application Security Incidents	1
Handling and Responding to Cloud Security Incidents	1
Handling and Responding to Insider Threats	1

SPECIALIZE

C|TIA ™
CERTIFIED THREAT INTELLIGENCE ANALYST

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

Certified Threat Intelligence Analyst (CTIA) is designed and developed in collaboration with cybersecurity and threat intelligence experts across the globe to help organizations identify and mitigate business risks by converting unknown internal and external threats into known threats. It is a comprehensive, specialist-level program that teaches a structured approach for building effective threat intelligence. In the ever-changing threat landscape, CTIA is an essential program for those who deal with cyber threats on a daily basis. Organizations today demand a professional-level cybersecurity threat intelligence analyst who can extract the intelligence from data by implementing various advanced strategies. Such professional-level programs can only be achieved when the core of the curricula maps with and is compliant to government and industry published threat intelligence frameworks.

CTIA EBOOK

EC-Council Certified Threat Intelligence Analyst (Volume 1 of 1)

RESOURCES

- 📖 EBook
- ⚗ Labs
- 🎥 Videos
- ◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-85

Eligibility Requirements:
Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Introduction to Threat Intelligence	1
Cyber Threats and Kill Chain Methodology	1
Introduction and History of Cryptography Lab	1
Requirements, Planning, Direction, and Review	1
Data Collection and Processing	1
Data Analysis	1
Intelligence Reporting and Dissemination	1

SPECIALIZE

C|A S E

Certified | Application Security Engineer

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The CASE credential tests the critical security skills and knowledge required throughout a typical software development life cycle (SDLC), focusing on the importance of the implementation of secure methodologies and practices in today's insecure operating environment. The CASE certified training program is developed concurrently to prepare software professionals with the necessary capabilities that are expected by employers and academia globally. It is designed to be a hands-on, comprehensive application security course that will help software professionals create secure applications. The training program encompasses security activities involved in all phases of the Software Development Lifecycle (SDLC): planning, creating, testing, and deploying an application. Unlike other application security trainings, CASE goes beyond just the guidelines on secure coding practices and includes secure requirement gathering, robust application design, and handling security issues in post development phases of application development.

CASE EBOOK

Certified Application Security Engineer (Volume 1 of 1)

RESOURCES

- EBook
- Labs
- Videos
- Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-95

Eligibility Requirements:
Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Understanding Application Security, Threats, and Attacks	1
Security Requirements Gathering	1
Secure Application Design and Architecture	1
Secure Coding Practices for Input Validation	1
Secure Coding Practices for Authentication & Authorization	1
Secure Coding Practices for Cryptography	1
Secure Coding Practices for Session Management	1
Secure Coding Practices for Error Handling	1
Static and Dynamic Application Security Testing (SAST & DAST)	1
Secure Deployment and Maintenance	1

*Available in .NET or JAVA

SPECIALIZE

C|SA™
CERTIFIED SOC ANALYST

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The Certified SOC Analyst (CSA) program is the first step to joining a security operations center (SOC). It is engineered for current and aspiring Tier I and Tier II SOC analysts to achieve proficiency in performing entry-level and intermediate-level operations. CSA is a training and credentialing program that helps the candidate acquire trending and in-demand technical skills through instruction by some of the most experienced trainers in the industry. The program focuses on creating new career opportunities through extensive, meticulous knowledge with enhanced level capabilities for dynamically contributing to a SOC team. Being an intense 3-day program, it thoroughly covers the fundamentals of SOC operations, before relaying the knowledge of log management and correlation, SIEM deployment, advanced incident detection, and incident response. Additionally, the candidate will learn to manage various SOC processes and collaborate with CSIRT at the time of need.

CSA EBOOK

Certified SOC Analyst (Volume 1 of 1)

RESOURCES

- 📖 EBook
- ⚗ Labs
- 🎥 Videos
- ◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-39

Eligibility Requirements:
Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Security Operations and Management	1
Understanding Cyber Threats, IoC's, and Attack Methodology	1
Incidents, Events, and Loging	1
Incident Detection with Security Information	1
Enhanced Incident Detection with Threat Intelligence	1
Incident Response	1

SPECIALIZE

ICS/SCADA

CYBER SECURITY

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

Due to the potential impact of an attack on the physical safety of communities, employees or customers, ICS/SCADA security is an even higher priority than for traditional IT systems. Cyber criminals have already developed malware threats such as Triton/TRISIS and Stuxnet that can disrupt industrial Operation Technology (OT). The ICS/SCADA Cyber Security Training Course is a hands-on training which will enable you to learn the foundation of security and defending architectures from attacks. You will look at the concept of "thinking like a hacker" to learn techniques to defend from the types of attacks that are commonly conducted against the oil and gas IT corporate and control network.

ICS/SCADA EBOOK

ICS/SCADA
(Volume 1 of 1)

RESOURCES

📖 EBook

⚗ Labs

🎥 Videos

◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-70

Eligibility Requirements:
Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Introduction to ICS/SCADA Network Defense	1
TCP/IP 101	1
Introduction to Hacking	1
Vulnerability Management	1
Standards and Regulations for Cybersecurity	1
Securing the ICS network	1
Bridging the Air Gap	1
Introduction to Intrusion Detection Systems (IDS) and Intrusion Prevention Systems (IPS)	1

SPECIALIZE

CCSE
Certified Cloud Security Engineer

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

EC-Council's Certified Cloud Security Engineer (CCSE) course is curated by cloud security professionals in association with renowned subject matter experts to deliver a mix of vendor-neutral and vendor-specific cloud security concepts. The vendor-neutral concepts focus on cloud security practices, technologies, frameworks, and principles. In contrast, the vendor-specific materials deliver the practical skills that are needed to configure specific platforms, such as Amazon Web Services (AWS), Azure, and Google Cloud Platform (GCP). This offers candidates a well-balanced mix of theoretical and practical skills. In addition, advanced topics also cover modules on securing the cloud infrastructure by implementing regulations and standards to maintain security. EC-Council's cloud security course is mapped to the real-time job roles and responsibilities of cloud security professionals and is ideal for beginners as well as experienced cybersecurity professionals.

CCSE EBOOK SERIES

Certified Cloud Security Engineer Complete Academia Series (Volumes 1 Through 4)

Certified Cloud Security Engineer (CCSE) eBook w/ LABS (Volume 1: Platform, Infrastructure, and Application Security in Cloud)

Certified Cloud Security Engineer (CCSE) eBook w/ LABS (Volume 2: Data Security in Cloud)

Certified Cloud Security Engineer (CCSE) eBook w/ LABS (Volume 3: Incident Detection, Response, and Forensic Investigation in Cloud)

Certified Cloud Security Engineer (CCSE) eBook w/ LABS (Volume 4: Business Continuity, Governance, and Compliance in Cloud)

RESOURCES

- EBook
- Labs
- Videos
- Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-40

Eligibility Requirements: Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Introduction to Cloud Security	1
Platform and Infrastructure Security in the Cloud	1
Application Security in the Cloud	1
Data Security in the Cloud	2
Security Operations in the Cloud	3
Penetration Testing in the Cloud	3
Incident Detection and Response in the Cloud	3
Forensics Investigation in the Cloud	3
Business Continuity and Disaster Recovery in the Cloud	4
Governance, Risk Management, and Compliance in the Cloud	4
Standards, Policies, and Legal Issues in the Cloud	4

SPECIALIZE

E|CDE

EC-COUNCIL CERTIFIED DEVSECOPS ENGINEER

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

EC-Council's Certified DevSecOps Engineer (E|CDE) is a hands-on, instructor-led comprehensive DevSecOps certification program that helps professionals build the essential skills needed to design, develop, and maintain secure applications and infrastructure.

- The E|CDE covers both on-premises and cloud-native environments (including AWS Cloud and Microsoft Azure) with 80+ labs from the creators of the world's number one ethical hacking program, the Certified Ethical Hacker (C|EH).
- Designed and developed by SMEs with contributions by experienced DevSecOps professionals from around the world.

ECDE EBOOK SERIES

EC-Council Certified DevSecOps Engineer (ECDE) (Volumes 1 Through 3)

Introduction to DevOps and DevSecOps (Volume 1 of 3)

DevSecOps Pipeline- Plan, Code, Build, and Test Stage (Volume 2 of 3)

DevSecOps Pipeline- Release, Deploy, Operate, and Monitor Stage (Volume 3 of 3)

RESOURCES

- EBook
- Labs
- Videos
- Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 312-97

Eligibility Requirements: Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Understanding DevOps Culture	1
Introduction to DevSecOps	1
DevSecOps Pipeline - Plan Stage	2
DevSecOps Pipeline - Code Stage	2
DevSecOps Pipeline - Build and Test Stage	2
DevSecOps Pipeline - Release and Deploy Stage	3
DevSecOps Pipeline - Operate and Monitor Stage	3

SPECIALIZE

CPENT™
Certified   Penetration   Testing   Professional

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

The CPENT course is a fully hands-on program with labs and exercises that cover real world scenarios. By practicing the skills that are provided to you in the CPENT class, we are able to bring you up to speed with the skills to uncover the security threats that organizations are vulnerable to.

This can be achieved effectively with the EC-Council LABS Cyber Range. It allows you to dynamically access a host of Virtual Machines preconfigured with vulnerabilities, exploits, tools, and scripts from anywhere with an internet connection.

Our guided step-by-step labs include exercises with detailed tasks, supporting tools, and additional materials allowing you to launch a complete live range for any form of hacking or testing.

CPENT EBOOK SERIES

Certified Penetration Testing Professional (CPENT) Academia Series (Volumes 1 Through 4)

Penetration Testing Methodology and Engagement (Volume 1 of 4)

Wireless, IoT, and Cloud Penetration Testing (Volume 2 of 4)

Network Penetration Testing (Volume 3 of 4)

Binary Analysis and Web Application Penetration Testing (Volume 4 of 4)

RESOURCES

- EBook
- Labs
- Videos
- Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 412-80

Eligibility Requirements: No exam eligibility criteria.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Introduction to Penetration Testing and Methodologies	1
Penetration Testing Scoping and Engagement Methodology	1
Report Writing and Post Testing Actions	1
Open-source Intelligence (OSINT) Methodology	2
Social Engineering Penetration Testing Methodology	2
Web Application Penetration Testing Methodology	2
Binary Analysis and Exploitation	2
Network Penetration Testing Methodology – External	3
Network Penetration Testing Methodology – Internal	3
Network Penetration Testing Methodology - Perimeter Devices	3
Wireless Penetration Testing Methodology	4
IoT Penetration Testing Methodology	4
OT/SCADA Penetration Testing Methodology	4
Cloud Penetration Testing Methodology Appendix	4
Appendix – Fuzzing	1-4
Appendix – Mastering Metasploit Framework	1-4
Appendix – PowerShell Scripting	1-4
Appendix – Bash Environment and Scripting	1-4
Appendix – Python Environment and Scripting	1-4
Appendix – Perl Environment and Scripting	1-4
Appendix – Ruby Environment and Scripting	1-4
Appendix – Active Directory Penetration Testing	1-4
Appendix – Database Penetration Testing	1-4
Appendix – Mobile Device Penetration Testing	1-4

EXECUTIVE

INDIVIDUAL & BUNDLED PACKAGES AVAILABLE FOR PURCHASE!

EC-Council's Certified CISO Program has certified leading information security professionals around the world. A core group of high-level information security executives, the CCISO Advisory Board, formed the foundation of the program and outlined the content covered by the exam, body of knowledge, and training. Some members of the Board contributed as authors, others as exam writers, others as quality assurance checks, and still others as instructors. Each segment of the program was developed with the aspiring and sitting CISO in mind and looks to transfer the knowledge of seasoned executives to the next generation of leaders in the areas that are most critical in the development and maintenance of a successful information security program.

Associate CCSIO EBOOK SERIES

Associate Certified Chief Information Security Officer version 3 Series (Volumes 1 Through 5)

Information Systems Governance
(Volume 1 of 5)

Information Systems Risk Controls and Auditing Management
(Volume 2 of 5)

Information Systems Leadership, Projects and Operations
(Volume 3 of 5)

Information Systems Core Competencies
(Volume 4 of 5)

Strategic Planning and Finance (Volume 5 of 5)

RESOURCES

- 📖 EBook
- 🧪 Labs
- ◎ Certification Exam

CERTIFICATION EXAM DETAILS

Exam Number: 712-50

Eligibility Requirements: Exam eligibility granted with individual purchase of full course series.

SERIES TABLE OF CONTENTS

CHAPTER	VOL
Associate CCISOv3 Volume 1 eBook (Information Systems Governance)	1
Associate CCISOv3 Volume 2 eBook (Information Systems Risk Controls and Auditing Management)	2
Associate CCISOv3 Volume 3 eBook (Information Systems Leadership, Projects and Operations)	3
Associate CCISOv3 Volume 4 eBook (Information Systems Core Competencies)	4
Associate CCISOv3 Volume 5 eBook (Strategic Planning and Finance)	5

ABOUT Associate CCISO

EC-Council's Certified CISO Program has certified leading information security professionals around the world. A core group of high-level information security executives, the CCISO Advisory Board, formed the foundation of the program and outlined the content covered by the exam, body of knowledge, and training. Each segment of the program was developed with the aspiring and sitting CISO in mind and looks to transfer the knowledge of seasoned executives to the next generation of leaders in the areas that are most critical in the development and maintenance of a successful information security program.

The Associate CCISO program is made available for academic students to learn the same concepts as practicing CISOs in today's workforce.

EC-Council's Academic division recognizes the time, planning, and details that are involved with evaluating resources and designing an academic course. In result, we support faculty across the world with updated resources and ancillaries they need to review and adopt courses.

EC-Council Academia Partner evaluation resources available to every faculty within a partnered College or University:

- Faculty discounts off of EC-Council certifications
- Robust job/workforce role mapping
- Lesson plans/syllabi across each course
- Instructor presentation resources
- eCourseware access across the entire EC-Council Academia Series (via Vital Source Bookshelf)
- Lab range access across each EC-Council Academia Series course
- ...and more!

Is your college/university an Academia Partner? Please contact ace-support@eccouncil.org to request your faculty access to EC-Council Academia Series resources today!

Instructor of the Year (North America) :

2022 ▶ Dr. Diego Tibaquira, Miami Dade College

2021 ▶ Dr. Bryson Payne, University of Georgia

2020 ▶ Ervin Frenzel, Collin College

2019 ▶ Jason McHuen, Northern Virginia Community College

2018 ▶ Jaci Lederman, Vincennes University

Terri Johnson-Akse

University of Colorado Colorado Springs
*Instructor of Cybersecurity Management*

Terri shares her training and certification journey with Certified Ethical Hacker (C|EH). She started her career in cybersecurity in the 1990s and transitioned to higher education in the 2000s. She explains how obtaining the certificate impacted her career and helped her move from teaching at the community college level to a four-year university. With the C|EH, Terri, says she gained a lot more knowledge that she leveraged to teach her students. The C|EH is a widely recognized and trusted credential that earned her respect among her peers.

Click here for video feedback.

Ervin Frenzel

Collin College, Frisco, TX Program Director of
Information Systems Cybersecurity
EC-Council Academia 2020 Instructor of the Year
EC-Counci Academia 2022 Innovator of the Year
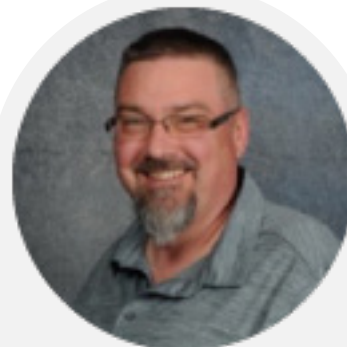
Collin College is honored to be recognized as the EC-Council Academia Innovator of the Year. Working with a program that believes in improving skills for entry-level cybersecurity technicians is critical to better our local, state, and national cybersecurity stance; fortunately, EC-Council consistently delivers needed resources quickly and accurately for our student population.

Click Here to access videos from our community.

Non-Credit — EC-Council (ATC)

Most Common Uses:

➤ Continuing Education

➤ Workforce Development

➤ Customized Training

➤ Select Credit Programs

Contact ace-support@eccouncil.org for information and questions on becoming an Accredited Training Center ATC) today!

EC-Council's non-credit certification "boot camp" courses are supported by the Academic Accredited Training Center (ATC) model. This model provides many benefits and rewards to partners. Below you will find the supporting steps and processes to become an EC-Council ATC to offer live-onsite education for non-credit.

Benefits of Becoming An ATC

➤ Each ATC receives an official ATC certificate & partner plaque

➤ Full use of the EC-Council ATC partner logo and certification trademark logos

➤ Full EC-Council certification offerings available with highest level discounts (CEH, CHFI, CPENT, CSCU, CCISO, ECIH, ECSP, ECES, and more)

➤ Recognition on the EC-Council web site

➤ Access to the EC-Council's exclusive estore portal for ease of ordering discounted content, labs, vouchers, exam prep, official merchandise and more!

➤ Certified EC-Council Instructor (CEI) designation post certification with official CEI certificate

➤ Complimentary ebook, labs, aspen (LMS) access for all CEI's

➤ ATC level access to promotional & marketing materials in aspen (LMS)

➤ EC-Council testing center (ETC) capabilities and virtual proctoring available

➤ Official EC-Council certificate of attendance provided after each course

➤ Video and virtual lab supported content mapped directly to each module

➤ Dedicated academic accounts specialist to aid in program development and adoption

➤ Lead referrals based on location

➤ Free tickets to EC-Council global partner conference (EGPC)

➤ Free tickets to our annual Hacker Halted conference

➤ Discount tickets to Global CyberLympics

EC-Council certifications map directly to the Knowledge, Skills and Abilities (KSA's) and Knowledge Units (KU's) within the NICE Framework. Effortlessly design a course or program to the highest standard!
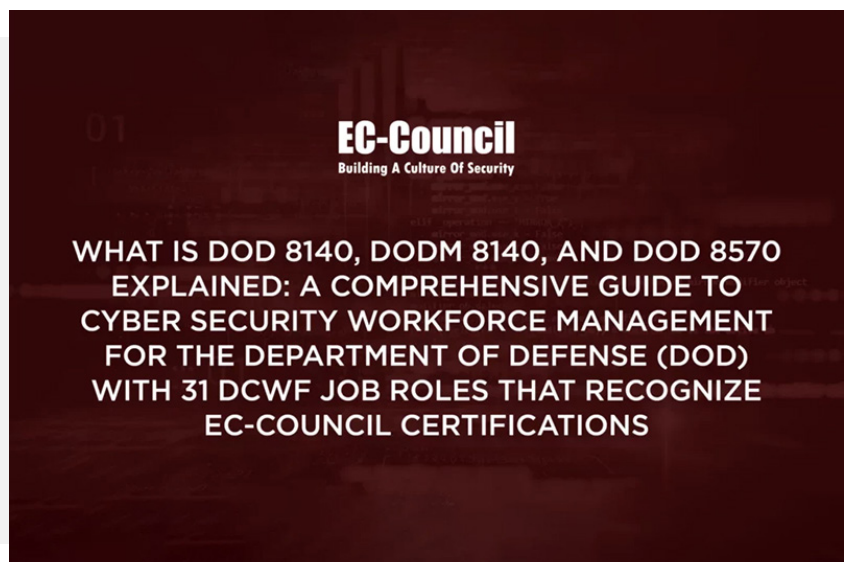

NICE Framework Mapping

EC-Council certification content is mapped to the National Initiative For Cybersecurity Education.

SEE THE FULL NICE MAPPING

DoD 8140 Accredited (CEH, CHFI, CCISO, CND)

Since 2007, EC-Council has held multiple approved certifications affecting the training and certification of DoD members, globally helping with the qualification and capability development of US Military forces and DoD components.

SEE THE DOD ACCREDITATION

WHAT IS DOD 8140, DODM 8140, AND DOD 8570 EXPLAINED: A COMPREHENSIVE GUIDE TO CYBER SECURITY WORKFORCE MANAGEMENT FOR THE DEPARTMENT OF DEFENSE (DOD) WITH 31 DCWF JOB ROLES THAT RECOGNIZE EC-COUNCIL CERTIFICATIONS

Independent Accreditation ensures Quality of Certification

EC-Council Certifications are developed to the highest standards and have achieved numerous accreditations including ANAB ISO/IEC 17024 for:

Curious about what goes into developing defense grade cybersecurity certifications?

Learn more about our ANAB accredited development process here.

ACE® American Council on Education®

EC-Council has achieved accreditation for the following certifications: Certified Network Defender (CND), Certified Ethical Hacker (CEH), Computer Hacking Forensic Investigator (CHFI), EC-Council Certified Incident Handler (ECIH), and Certified Penetration Testing Professional (CPENT). Candidates who complete these programs can earn college credit recommendations from the American Council on Education (ACE). **Click here** to find out more.

Click here to see our Information Release Policy.

Welcome to your EC-Council Official Course

Important: Only the following resources are considered authorized and endorsed by EC-Council, allowing students to bypass the Exam Eligibility Application and obtain EC-Council certifications vouchers at discounted rates.

- ❯ EC-Council Professional (ATC)
- ❯ EC-Council | Academia

If you are not using any of the authorized resources, your students must apply for eligibility to test out on EC-Council certification exams.

👍 Authorized:

Type	Voucher	Exam Eligibility Application
EC-Council Professional (ATC)	ECC Exam Voucher	Waived
EC-Council Academia	ECC Exam Voucher	Waived

👎 Not Authorized:

Type	Rate	Voucher	Exam Eligibility Application
All Other Courseware	Highest	ECC Exam Voucher	Mandatory

**The Exam Eligibility Application requires an upfront $100.00 (non-refundable) application fee as well as two years of experience in the field of study.

Still unsure if your course is accredited?

Contact us at **ace-support@eccouncil.org** to find out more!

About Hacker Halted

Hacker Halted builds on the educational foundation of EC-Council's courses in ethical hacking, computer forensics, pen testing, and many others. Hacker Halted brings the industry's leading researchers, practitioners, ethical hackers, students and other top IT Security professionals together to discuss current issues facing our industry. Immerse yourself and your students in challenges, CTF games, interactive sessions and more. Network with top industry professionals in the field. Hacker Halted has been deliver globally in countries such as Egypt, Mexico, Malaysia, Hong Kong, Iceland, and in the USA, in cities such as Myrtle Beach, Atlanta, and most recently in Miami!

Website: www.hackerhalted.com

EC-Council's Global CISO Forum is an invite-only, closed-door event gathering the highest level executives from across industries and countries to discuss the most pressing issues in information security. EC-Council Academia Partners (Director level and above) are welcome to participate in the Global CISO Forum.

Website: www.ciso.eccouncil.org

Career & Leadership Resources

The EC-Council Cybersecurity Exchange is an informative new platform bringing you the latest in engaging educational content, including articles, webinars, and thought-provoking interviews with cybersecurity leaders and experts. As our community grows, more resources will be added to the EC-Council Cybersecurity Exchange that will foster an exchange of learning and knowledge sharing. We believe that the Exchange will provide significant value for an ever-expanding community of cybersecurity professionals and learners.

Website: www.eccouncil.org/cybersecurity-exchange/career-and-leadership/

Hands on Cybersecurity Challenges
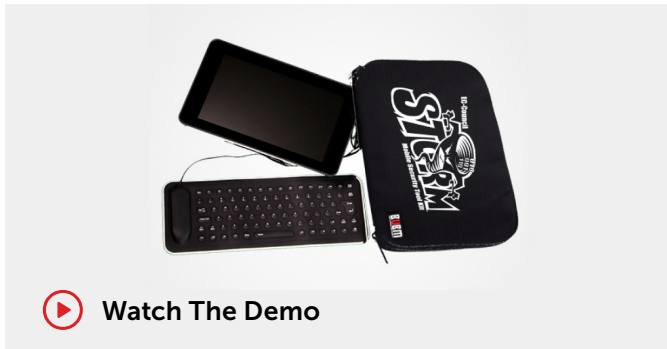
Watch The Demo

EC-Council's Mobile Security Toolkit (better known as the STORM!) is a fully loaded, Penetration Testing platform which comes equipped with STORM Linux (a Raspbian-based, customized distribution of Linux, pre-loaded with the industry's most popular hacking tools) loaded onto a portable touchscreen device.

Take your CEH training with you. Take your hacking by STORM!

Course includes:

- ➤ Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
- ➤ 2GB or 4GB LPDDR4-3200 SDRAM (depending on model)
- ➤ 2.4 GHz and 5.0 GHz IEEE 802.11ac wireless, Bluetooth 5.0, BLE
- ➤ Gigabit Ethernet
- ➤ 2 USB 3.0 ports; 2 USB 2.0 ports
- ➤ Raspberry Pi standard 40 pin GPIO header (fully backwards compatible with previous boards)
- ➤ 2 × micro-HDMI ports (up to 4kp60 supported)
- ➤ 2-lane MIPI DSI display port
- ➤ 2-lane MIPI CSI camera port
- ➤ 4-pole stereo audio and composite video port
- ➤ H.265 (4kp60 decode), H264 (1080p60 decode, 1080p30 encode)
- ➤ OpenGL ES 3.1, Vulkan 1.0
- ➤ Micro-SD card slot for loading operating system and data storage
- ➤ 5V DC via USB-C connector (minimum 3A*)
- ➤ 5V DC via GPIO header (minimum 3A*)
- ➤ Power over Ethernet (PoE) enabled (requires separate PoE HAT)
- ➤ Operating temperature: 0 – 50 degrees C ambient
- ➤ Mini Water Resistant Keyboard
- ➤ Field Case Organizer for all your gear

In this one-day course you will set up EC-Council's Mobile Security Toolkit (STORM) OS to interface with your drone, then learn about drone hacking. This will include a wide arrange of topics from the basics of drones and the FCC rules, to the capture, examination, and exploitation of drone data.

Course includes:

- ➤ e-courseware (1 Year Access)
- ➤ Certificate of Attendance (.pdf)
- ➤ Drone Program T-Shirt
- ➤ Raspi 4 / 2GB
- ➤ Power Supply
- ➤ MicroSD Card 32GB
- ➤ MicroSD Reader
- ➤ RTL-SDR Blog R820T2 RTL2832U 1PPM TCXO SMA Software Defined Radio with Dipole Antenna
- ➤ Tello Drone Quadcopter
- ➤ Drone carry case
- ➤ Extra Battery
- ➤ Alfa Long-Range Dual-Band AC1200 Wireless USB 3.0 Wi-Fi Adapter w/2x 5dBi External Antennas

CyberQ

Your **Skills Development Lab Range** and **Capture the Flag Competition** Platform

Click Here to access our CyberQ brochure

EC-Council | Learning

EC-COUNCIL / PRO

THE MOST COMPREHENSIVE COST-EFFECTIVE WAY TO LEARN CYBERSECURITY

Meet the growing demand of cybersecurity skills in the world by mastering the latest tools and technologies available in the market today.

- 500+ Premium Online Cybersecurity Courses

- 13,000+ Lab Demos to Practice Your New Skills

- 12,500+ Questions to Test Your Newly Gained Skills

- A Shareable Certificate of Achievement After Completing Each Course

- 20+ Learning Paths for Structured Learning

Our students work at

accenture

CISCO

IBM

Microsoft

xerox

Individual Licenses

ISBN	TITLE	PARTNER RATE	LIST RATE
979-8-88593-663-7	EC-Council Pro (Monthly)	$34.99	$69.00
979-8-88593-664-4	EC-Council Pro (Annual)	$299.00	$599.00

EC-Council | Learning

EC-Council Enterprise

Close skill gaps in your IT teams with custom curriculum mapping, dedicated course development that targets your organization's needs, and deep analytics that always put you in the driving seat of your team's training.
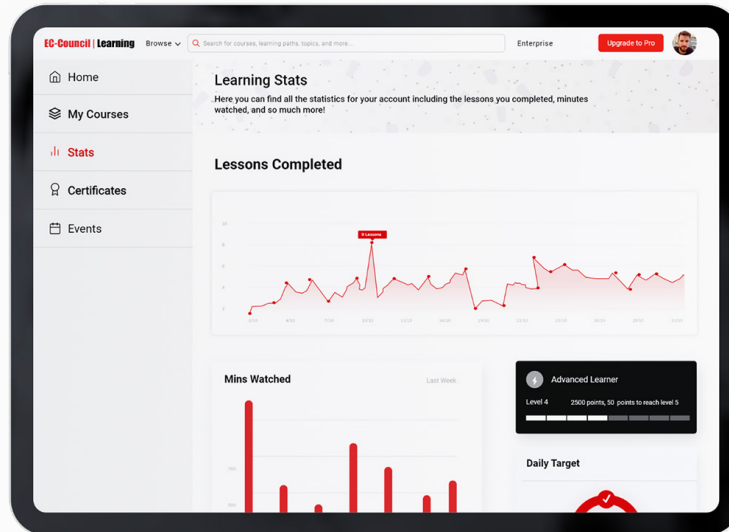
Custom Curriculum Mapping

Our top program architects help you assess the skill gaps in your teams, and then customize a learning path that addresses those gaps.

Custom Course Development

We work with our leading industry experts to create special programs just for your team.

Develop Personalized Learning Paths

You can select specific courses and skills to form custom learning paths and assign them to different teams within your organization to target specific knowledge gaps.

Group Licenses with Admistrative Privileges

ISBN	TITLE	PARTNER RATE	LIST RATE
979-8-88593-728-3	EC-Council Enterprise Cyber Pro (Annual)		
	2+ Users	$299.00	$599.00
	10+ Users	$279.00	$599.00
	25+ Users	$259.00	$599.00

Transforming the Workforce Skills Gap

The EC-Council Academia series was created with the mindset of breaking the mold of traditional Cybersecurity education in today's K-12 and higher education environments. EC-Council strives to produce the next generation of Cybersecurity experts by preparing students with an in-depth, hands-on education experience so they can prepare for the future careers of tomorrow. Demand for cybersecurity professionals keeps rising and the world isn't getting enough talent to fill in those slots.

The goal of EC-Council Academia is to bridge this gap. Our partnerships process, content and ancillaries have been designed specifically by educators, for educators. In addition to the Academia series and stackable credential offerings, the EC-Council Academia group also focuses on making an impact on students at all levels. Whether is it our staff involvement in student events across the world, or our faculty scholarships, EC-Council Academia is more than a partnership, it is a gateway to prepare the leaders of tomorrow!

Jay Bavisi

About EC-Council Academia

The EC-Council Academia partner program, led by EC-Council's academic division, offers free partnership opportunities to academic institutions globally. These partnerships establish cybersecurity education ecosystems that support students, alumni, faculty, employees, and communities. Through established partnerships, academic institutions can access extensive discounts on content, evaluate learning resources, offer student-stackable credentials, initiate faculty development, provide scholarships, and facilitate cyber competitions. To date, EC-Council supports upwards of 2,500 education networks and institutions globally, with over 1,000 recently participating since the relaunch of the academia program in 2018. EC-Council works with many top cybersecurity programs worldwide, including many National Centers of Academic Excellence, statewide education systems, and many ministry initiatives. EC-Council's Academia partner program helps certify tens of thousands of students annually with industry-leading credentials. For more information on EC-Council Academia, please visit www.eccouncil.org/academia.

EC-COUNCIL | ACADEMIA