EC-COUNCIL | ACADEMIA

Essentials Series

Essential Skills for Tomorrow's Cybersecurity Technician Careers



A Cybersecurity Workforce Development Initiative

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We Wrote The Standards.







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

Fast-forward almost twenty years and we now produce over 20-career-focused, tactical Cybersecurity certifications widely recognized, 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 develop and advance their security infrastructure.

Teaching students how to hack since 2003.

EC-Council Accreditations & Recognition:

DOD
Department of Defense Directive 8570

CNSS
Committee on National Security Systems

NSA
National Security Agency USA

Veteran Affairs
Department of Veteran Affairs US

NICE Mapped
National Initiative for Cybersecurity Education

ACE
American Council on Education

ANSI 17024
American National Standards Institute

NCSC
National Cyber Security Centre

US Army
US Army Credentialing Assistance

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Essential Skills In Today's Cybersecurity Careers

Our Mission: Fill the workforce gap with level 1 and level 2 cyber technicians

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 the following areas:

- Network Defense
- Ethical Hacking
- Digital Forensics





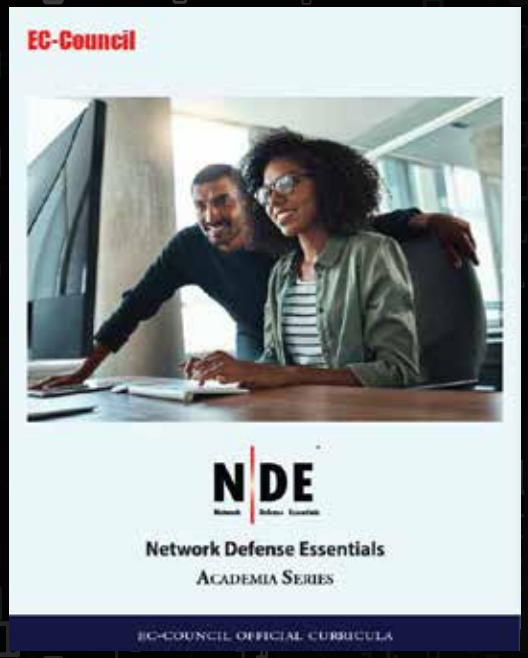
Learning resources including the eBook and video lectures will be offered as MOOC courses so cost is not a barrier to education.

Lab range upgrades will ensure learners are properly understanding the concepts and feel comfortable with range technologies leading into cyber challenges and competition pathways to continuously grow towards desired career pathways.

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Introducing the EC-Council Essentials Series

Our very first MOOC series available September 1st in ePub format for EC-Council Academia Partners…



Network Defense



Ethical Hacking



Digital Forensics

Included In MOOCs:

- eBook
- Video lectures & lab lectures

Partners Only

- Instructor Slides
- Syllabus

Optional Paid Upgrades:

- Lab Range
- Post Course Assessment & Certificate of Completion
- Certification Exam
  (On-site Testing or Remote Proctor Services - RPS)

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EC-Council Essentials Series Certification Exams

NDE

Network Defense Essentials

Certification Exam

Exam Length:	2 Hours
Exam Format:	Multiple Choice
Exam Platform:	ECC Exam Center
# of Questions:	75
Passing Score:	70%

EHE

Ethical Hacking Essentials

Certification Exam

Exam Length:	2 Hours
Exam Format:	Multiple Choice
Exam Platform:	ECC Exam Center
# of Questions:	75
Passing Score:	70%

DFE

Digital Forensics Essentials

Certification Exam

Exam Length:	2 Hours
Exam Format:	Multiple Choice
Exam Platform:	ECC Exam Center
# of Questions:	75
Passing Score:	70%

Who Will Benefit from Certification



High School Students



College/University Students

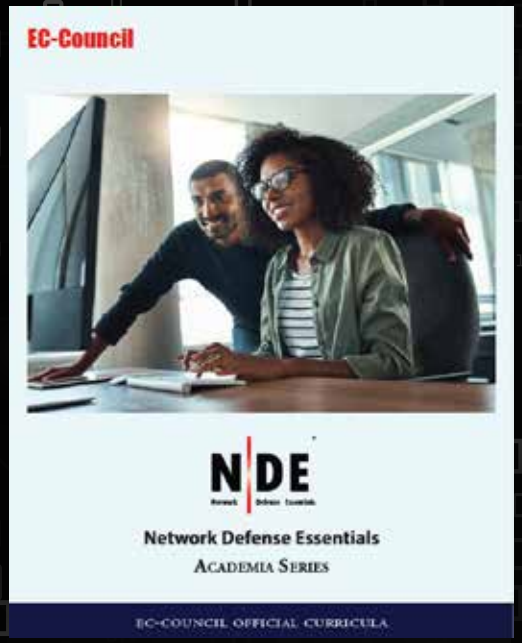


Professionals

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The EC-Council Essentials Series

NETWORK DEFENSE ESSENTIALS



Course Outline

01	Network Security Fundamentals
02	Identification, Authentication and Authorization
03	Network Security Controls - Administrative Controls
04	Network Security Controls - Physical Controls
05	Network Security Controls - Technical Controls
06	Virtualization and Cloud Computing
07	Wireless Network Security
08	Mobile Device Security
09	IoT Device Security
10	Cryptography and PKI
11	Data Security
12	Network Traffic Monitoring

MOOC	ISBN
Network Defense Essentials eBook	978-1-63567-735-5
Network Defense Essentials Videos	978-1-63567-790-4
Optional Paid *Upgrades*	
Network Defense Essentials iLabs	978-1-63567-873-4
Network Defense Essentials Exam Prep	978-1-63567-802-4
Network Defense Essentials ECC Exam Voucher	978-1-63567-808-6
Network Defense Essentials ECC Exam Voucher w/ RPS	978-1-63567-811-6
Network Defense Essentials iLabs + Exam Prep w/ ECC Exam Voucher	978-1-63567-814-7
Network Defense Essentials iLabs + Exam Prep w/ ECC Exam Voucher w/ RPS	978-1-63567-817-8

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The EC-Council Essentials Series

ETHICAL HACKING ESSENTIALS



Course Outline

01	Information Security Fundamentals
02	Ethical Hacking Fundamentals
03	Information Security Threats and Vulnerabilities
04	Password Cracking Techniques and Countermeasures
05	Social Engineering Techniques and Countermeasures
06	Network Level Attacks and Countermeasures
07	Web Application Attacks and Countermeasures
08	Wireless Attacks and Countermeasures
09	MobileAttacks and Countermeasures
10	IoT and OT Attacks and Countermeasures
11	Cloud Computing Threats and Countermeasures
12	Penetration Testing Fundamentals

MOOC	ISBN
Ethical Hacking Essentials eBook	978-1-63567-736-2
Ethical Hacking Essentials Videos	978-1-63567-791-1
Optional Paid Upgrades	**ISBN**
Ethical Hacking Essentials iLabs	978-1-63567-874-1
Ethical Hacking Essentials Exam Prep	978-1-63567-803-1
Ethical Hacking Essentials ECC Exam Voucher	978-1-63567-809-3
Ethical Hacking Essentials ECC Exam Voucher w/ RPS	978-1-63567-812-3
Ethical Hacking Essentials iLabs + Exam Prep w/ ECC Exam Voucher	978-1-63567-815-4
Ethical Hacking Essentials iLabs + Exam Prep w/ ECC Exam Voucher w/ RPS	978-1-63567-818-5

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The EC-Council Essentials Series

DIGITAL FORENSICS ESSENTIALS



Course Outline

01	Computer Forensics Fundamentals
02	Computer Forensics Investigation Process
03	Understanding Hard Disks and File Systems
04	Data Acquisition and Duplication
05	Defeating Anti-forensics Techniques
06	Windows Forensics
07	Linuxand Mac Forensics
08	Network Forensics
09	Investigating Web Attacks
10	Dark Web Forensics
11	Investigating Email Crimes
12	Malware Forensics

Open Source	ISBN
Digital Forensics Essentials eBook	978-1-63567-737-9
Digital Forensics Essentials Videos	978-1-63567-792-8
Optional Paid Upgrades	**ISBN**
Digital Forensics Essentials iLabs	978-1-63567-875-8
Digital Forensics Essentials Exam Prep	978-1-63567-804-8
Digital Forensics Essentials ECC Exam Voucher	978-1-63567-810-9
Digital Forensics Essentials ECC Exam Voucher w/ RPS	978-1-63567-813-0
Digital Forensics Essentials iLabs + Exam Prep w/ ECC Exam Voucher	978-1-63567-816-1
Digital Forensics Essentials iLabs + Exam Prep w/ ECC Exam Voucher w/ RPS	978-1-63567-819-2

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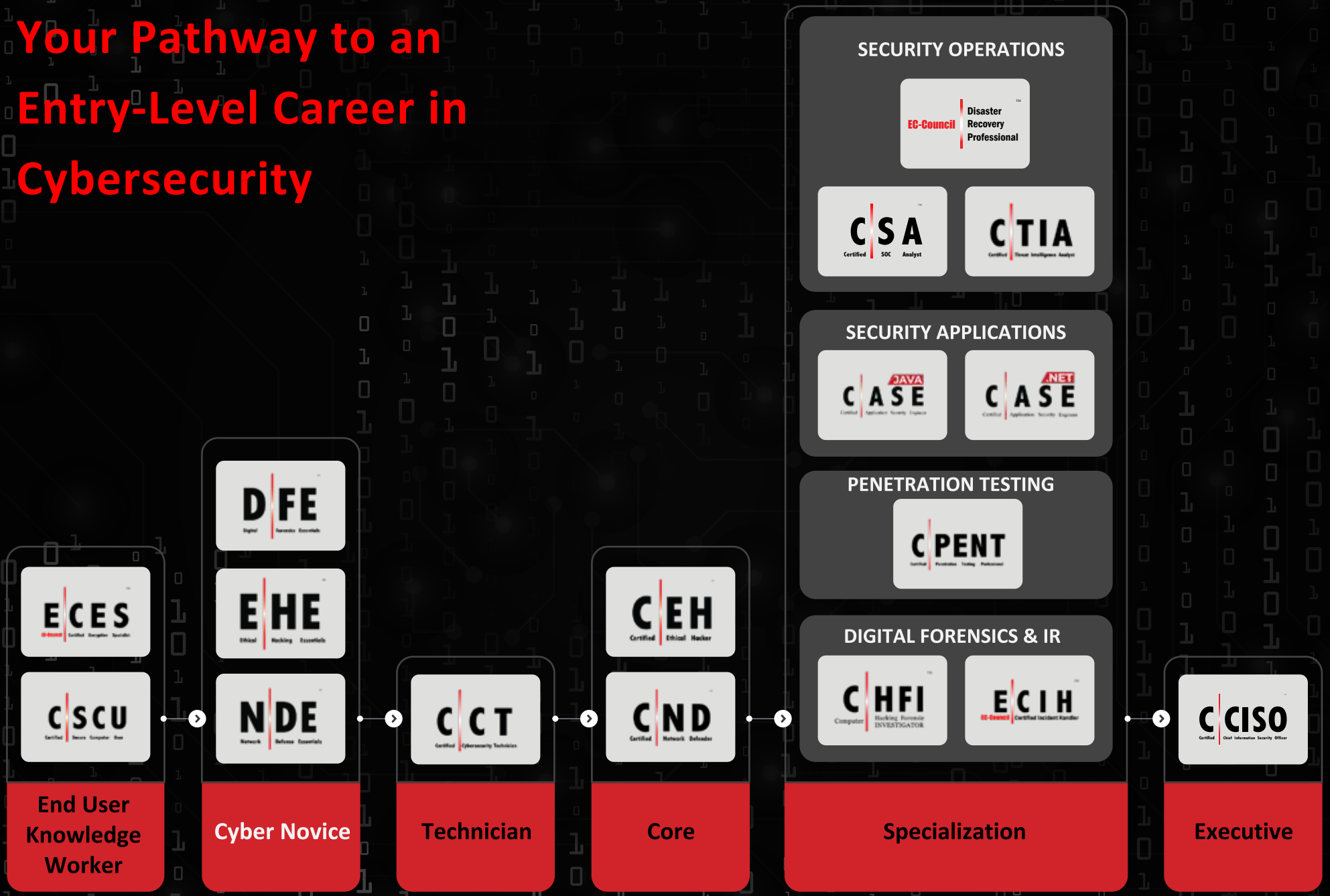
Your Entry-Level Cybersecurity Career

The Essentials Series certifications will prepare and validate your skills for entry-level job roles of the future.

 Help Desk Technician	 Technical Support Specialist	 Desktop Support Technician	 Cyber Crime Analyst	 Cybersecurity Specialist
 Cybersecurity Technician	 Desktop Support	 IT Support Specialist	 Network Administrator	 Incident & Intrusion Analyst
 IT Security Specialist	 Network Technical Specialist	 Cyber Forensic Specialist	 Intelligence Operations Specialist	 Cyber Operations Technician

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Your Pathway to an Entry-Level Career in Cybersecurity



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Partnering with Institutions to Support Student Certification and Career...

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Interested in reviewing the EC-Council Essentials Series?

Contact the EC-Council Academia division today to get in touch with a representative.

 **ace-support@eccouncil.org**

 **1.844.HACK.CEH**

 **www.eccouncil.org/academia**

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