

INCIDENT HANDLING AND RESPONSE

EC-COUNCIL CERTIFIED INCIDENT HANDLER



Course Description

This comprehensive course equips students with the practical skills and knowledge to effectively manage the entire Incident Handling and Response (IH&R) lifecycle—from preparation and detection to containment, eradication, and recovery. Through hands-on labs and tactical training, students learn how to assess risks, apply response strategies, and handle a wide range of security incidents including malware, phishing, insider threats, and cloud-based attacks. The course also covers key legal, policy, and forensic aspects of IH&R, enabling students to create effective response plans and policies. With its method-driven, multi-OS approach and real-world tools, the course offers a future-ready, holistic foundation for cyber incident management, making it one of the most in-depth IH&R certifications available today.



Course Learning Outcomes

Upon successful completion of this course, you will be able to:

01

Identify various types of cyber security threats, attack vectors, threat actors and their motives, goals, and objectives of cybersecurity attacks.

Understand fundamentals of incident management, vulnerability management, threat assessment, risk management and incident response automation and orchestration.

02

03

Compare and Contrast different incident handling and response best practices, standards, cybersecurity frameworks, laws, acts, and regulations.

Analyze various steps involved in planning incident handling and response program.

04

05

Comprehend fundamentals of computer forensics, forensic readiness and the importance of first response and first response procedure.

Learn how to handle and respond to different types of cybersecurity incidents in a systematic way.

06



Who is it for?

This course is suitable for:



Ideal for cybersecurity professionals, IT admins, SOC analysts, and those transitioning into security roles, equipping them to effectively detect, respond to, and manage cyber threats.



Career changers who want to gain skillset in cybersecurity to transition into the field.



Working professionals who want to upskill or reskill in specific cybersecurity areas without committing to a full degree program.



Students exploring cybersecurity who want to test the waters before committing to a degree program.



Anyone with an interest in cybersecurity who wants to learn more about the field and develop relevant skills.

Course Highlights



DURATION
10 weeks



STUDY HOURS
Students need to put in about 13.5 hours a week



LIVE CLASSES
Once a week



FACULTY
Industry Experts

Why ECCU?



High Student Satisfaction (89.6%)

Our students are happy! We prioritize creating a positive learning experience that meets your needs and allows you to progress at your own pace.



Proven Employment Outcomes (100%)

Land your dream job! 100% of our graduate's report securing employment within a year of completing their courses. Our curriculum equips you with the knowledge and skills employers seek.



Achieve Your Goals (93.8%)

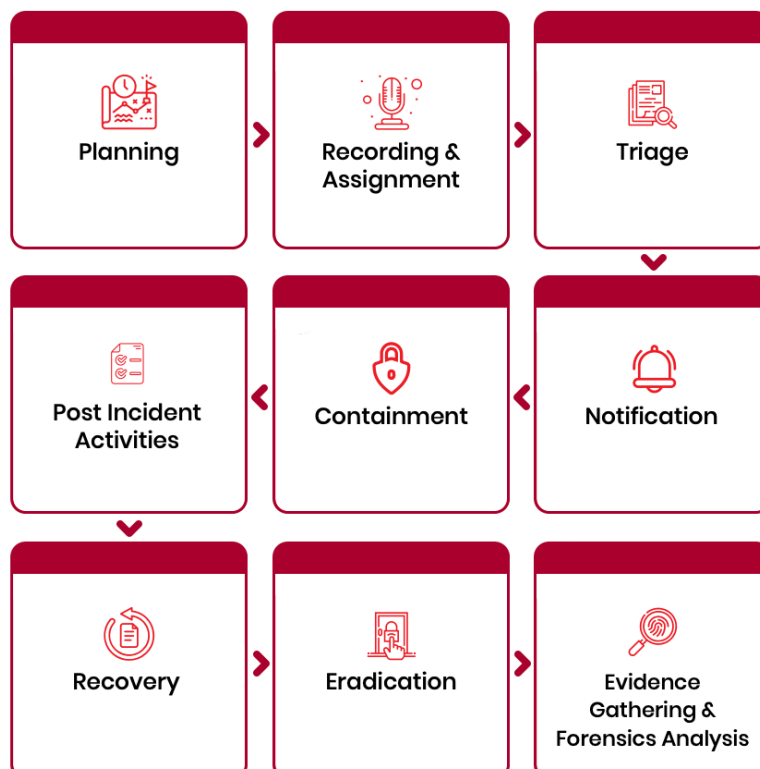
We support you at every step of the way. A staggering 93.8% of our students successfully achieve their goals upon course completion.



Stay Motivated (91.55%)

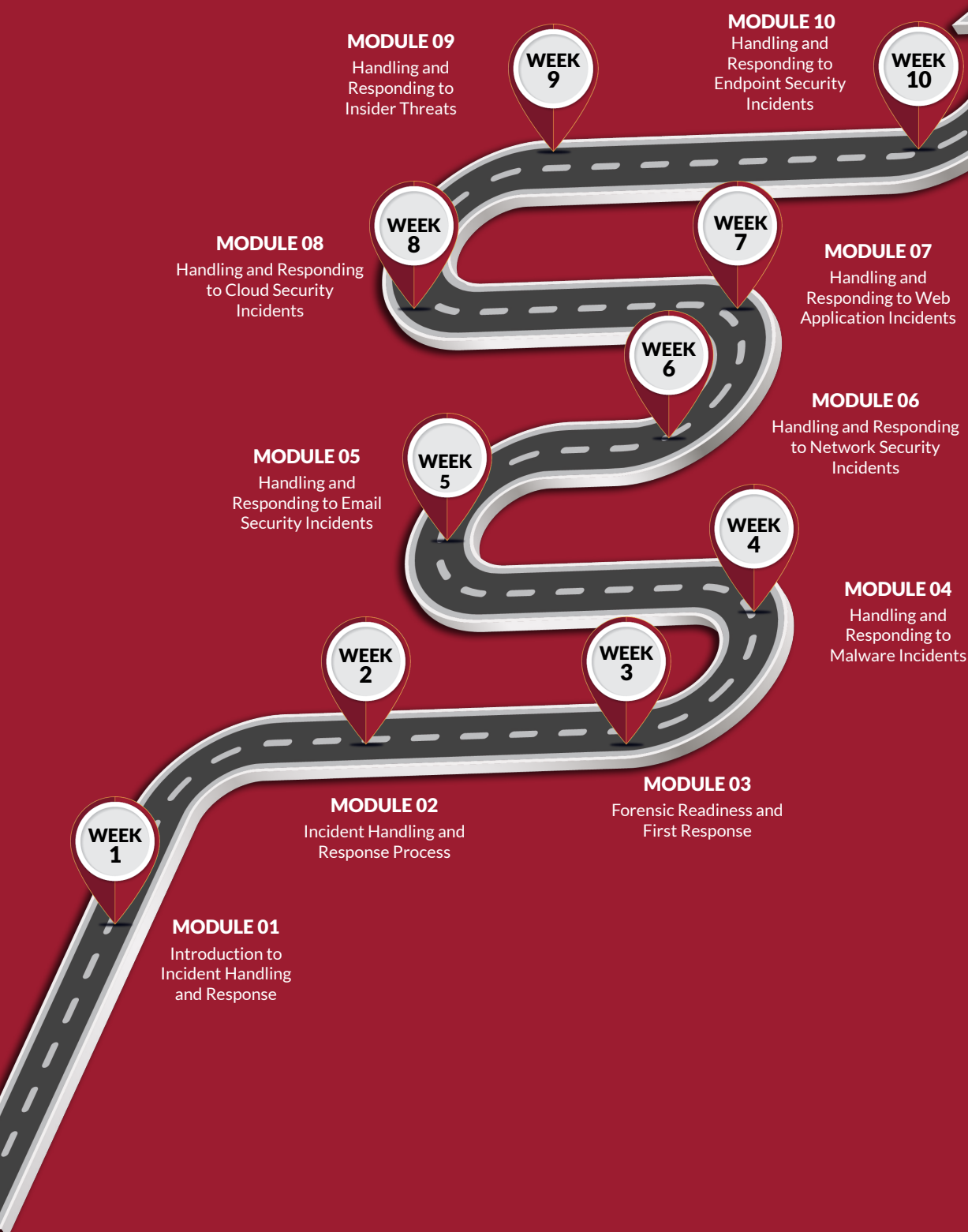
Stay engaged and reach your full potential! Our course fosters a high motivation index of 91.55% ensuring you stay committed to your studies and achieve success.

9 Stages of Incident Handling and Response Process





Course Outline



Attaining the E|CIH Certification



Number of Questions
100



Test Format
Multiple-Choice



Duration
3 hours



Availability:
**EC-Council
University Portal**

Holistic Education at ECCU



Acquire in-depth knowledge through ECCU's resources and platforms.



Master technical skills with hands-on expertise in ECCU's iLABS.



Enhance soft skills, such as communication and problem-solving.



Common Job Roles for E|CIH

- Incident Manager
- Incident Handler
- Security Incident Responder
- Cybersecurity Analyst
- Threat Hunter
- Forensic Analyst
- Digital Forensic Investigator
- SOC Analyst
- Cybersecurity Engineer
- Penetration Tester
- Cybersecurity Consultant
- IT Security Manager
- Information Assurance (IA) Specialist
- IT Project Manager
- And Many More!

Unveil the True University Experience!



Real-time Updates



Assignments



Assessments



**Comprehensive
Resources**



**Student
Interaction**



Faculty Interaction



24x7 LMS Support



**Complete Updated
Courseware**



24x7 Online Library



Meet Our Faculty



Dr. David Moured, PhD



Yuri Diogenes, MS



Sandro Tuccinardi, JD



Pamela Garret, MBA



Brian McDaniel, MS



Julie Beck, MS



Chris Barnhart



Warren Mack, PhD

Meet Our Alumni



Master's of Science in Cybersecurity at EC-Council University fueled my career shift from IT general engineer to cloud security engineer, with two promotions along the way!

- Takahiro Oda
Master's of Science in Cybersecurity
Cloud infrastructure security engineer
at PayPay Corporation

I have not seen any scarcity in the cybersecurity and information security market. In fact, I went from a security analyst to a senior manager at one of India's leading general insurance companies after earning my degree from EC-Council University.

- Varad Gunjkar
Master's of Science in Cybersecurity
Senior Manager at ICICI Lombard



A laptop screen is shown in the background, tilted slightly. On the screen, there is a warning icon (a triangle with an exclamation mark) and the word "MALWARE" in large, bold letters. To the right of the warning, there is a progress bar and some text: "DATA LOADED: 100%", "PROCESS COMPLETE", and "SUMMARY: 250 FILES". The background of the entire image is dark with a pattern of binary code (0s and 1s) and faint, larger binary numbers like "100110" and "1011".

EC-COUNCIL UNIVERSITY

ACCREDITED. FLEXIBLE. ONLINE.

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