

# Cybersecurity Prep Course for Certified Ethical Hacker (CEH)

Version 10

*Classes begin July 30, 2018*



The Certified Ethical Hacker (CEH) Prep Course is designed for information security professionals interested in mastering hacking technologies and preparing for the International Council of Electronic Commerce Consultants (EC-Council) CEH credential. The CEH credential certifies individuals in specific network security disciplines of ethical hacking from a vendor-neutral perspective.

The accredited, six-day, live, on-site course provides real-world, hands-on scenarios and case studies with interactive exercises and activities. Students are taught the five phases of ethical hacking (reconnaissance, gaining access, enumeration, maintaining access and covering your tracks), and then scan, test, hack and secure their own systems.

## FACULTY EXPERTS

Purdue Polytechnic's faculty are the most experienced instructors in the industry. They are trained in accelerated learning concepts and exam preparation. This class will be led by a certified EC-Council instructor (CEI) from the Polytechnic.

## ONSITE TRAINING

The course is a six-day, instructor-led program offered to NSWC Crane and defense contractors. Class will be held at the West Gate Academy.

## PROGRAM OUTLINE

- Comprehensive review of information security concepts merged with a exam preparation for CEH
- Six-day training, online access to training material and one-day review session before testing on an established day at WestGate
- Meets DoD 8570, ANSI approved, maps with NIST NICE guidelines

## REGISTRATION

Course begins July 30, 2018, with limited seating.

To register, visit [polytechnic.purdue.edu/ceh](http://polytechnic.purdue.edu/ceh).

Course fee is \$2,899.

## MORE INFORMATION

Contact Doreen Gaboyan at [gaboyand@purdue.edu](mailto:gaboyand@purdue.edu).

# CAREERMAKERS™

CareerMakers™ is an industry-led workforce education and training initiative addressing the critical workforce needs of companies, government and agencies located in the State of Indiana and beyond.

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## COURSE CONTENT

- Five-day preparation course
- One-day review
- Official EC-Council training courseware with labs
- Virtual practice tests
- Exam prep study guide
- CEH exam voucher

## COURSE MODULES

- 1) Introduction to Ethical Hacking
- 2) Footprinting and Reconnaissance
- 3) Scanning Networks
- 4) Enumeration
- 5) Vulnerability Analysis
- 6) System Hacking
- 7) Malware Threats
- 8) Sniffing
- 9) Social Engineering
- 10) Denial-of-Service
- 11) Session Hijacking
- 12) Evading IDS, Firewalls & Honeypots
- 13) Hacking Webservers
- 14) Hacking Web Applications
- 15) SQL Injection
- 16) Hacking Wireless Networks
- 17) Hacking Mobile Platforms
- 18) IoT
- 19) Cloud Computing
- 20) Cryptography

## COURSE TIMELINE

- Training sessions: Five days (40 hours)
- Practice session: One day (8 hours)
- Testing: One day at WestGate Academy

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