



ETHICAL HACKING AND NETWORK DEFENSE MODULE

DURATION: 39 hours

PROGRAM OBJECTIVE

This course introduces students to the concept of ethical hacking along with various other concepts and techniques associated with network defense. The aim is to provide students with the necessary skills and knowledge to successfully protect networks by exploring different methods to expose network vulnerabilities in order to strengthen the defense against them. By the end of the course, students will be able to apply various ethical hacking techniques to strengthen a network's defenses.

MODULE OUTLINE

Ethical Hacking Overview	Programming for Security Professionals
TCP/IP Concepts	Desktop and Server OS Vulnerabilities
Network and Computer Attacks	Embedded Operating Systems
Footprinting and Social Engineering	Hacking Web Servers
Port Scanning	Hacking Wireless Networks
Enumeration	Cryptography
Network Protection Systems	

CERTIFICATIONS

- Certified Computer Examiner (CCE)
- Certified Ethical Hacker (CEH)

ENROLMENT INFORMATION

To register in the Ethical Hacking and Network Defense module, go to <https://www.wilfredinstitute.com>. Under the Programs tab, there will be an enrolment form at the bottom of the page. Students wishing to enroll must complete this form and wait for a member of our team to make contact. Students should be prepared to present supporting documents providing proof of a high-school diploma or equivalent and the Criminal Record Check. Any questions regarding academic requirements and the submission of documents (once requested by our Admissions staff) are to be directed to admissions@wilfredinstitute.com.