



# ETHICAL HACKING AND PENETRATION TESTING



## PROGRAM OVERVIEW

Participants will gain knowledge and skills in ethical hacking and penetration testing, learning about penetration testing methodologies, vulnerability assessment, exploit development, and techniques to identify and mitigate security risks.

## PROGRAM HIGHLIGHTS

- Understanding penetration testing methodologies and ethical hacking principles
- Hands-on experience with vulnerability assessment tools and techniques
- Exploration of exploit development and ethical hacking techniques
- Practical application of learned skills through simulated penetration testing exercises

## PROGRAM DETAILS

- **Duration:** 5 days consisting of 2.5-hour per session
- **Age Group:** Young Adults
- **Prerequisites:** Basic computer and internet usage skills
- **Location:** eCode Learning Center
- **Format:** Interactive workshop sessions featuring lectures, demonstrations, hands-on exercises, and simulated penetration testing scenarios

## PROGRAM OBJECTIVES

- Provide participants with a comprehensive understanding of ethical hacking and penetration testing principles
- Equip participants with practical skills and techniques to assess and secure computer systems and networks
- Foster critical thinking and problem-solving abilities in identifying and mitigating security vulnerabilities
- Empower participants to apply ethical hacking techniques responsibly and ethically to improve cybersecurity defenses.