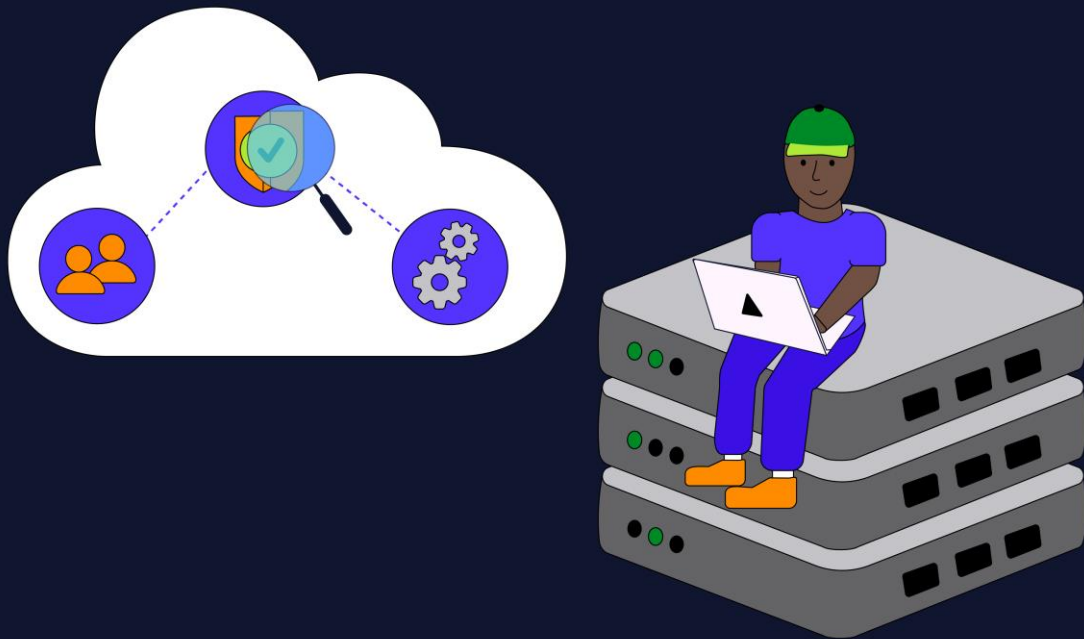# Welcome To Introduction To Ethical Hacking

In this course, you will learn about Ethical Hacking and what it means to be an Ethical Hacker in a cybersecurity role.

What will you learn?

Throughout this course, you will learn the importance of hacking ethically and practice using tools and techniques to identify vulnerabilities within a system.

After this course, you will be able to:

- Explain what Ethical Hacking is.
- Explain the different types of hackers.
- Explain the importance of hacking ethically.
- Use tools, technologies, and techniques to identify vulnerabilities within a system.

What will you do?

In this course, you will have demos that will allow you to practice being an ethical hacker. Here is a preview of the demos featured in this course:

Intro To Bug Hunting

In this demo, you learn and practice the process of hacking and bug hunting.

Demo: Network Enumeration

In this demo, you learn and practice network enumeration using Nmap, a free and open-source tool for network discovery and security auditing.

Demo: Vulnerability Analysis & Exploitation

In this demo, you will be ensuring that a system is free and protected from vulnerabilities.

Demo: Packet Sniffing

In this demo, you will view and log packets of data sent over a network for analysis.

Learning is social

Whatever you're working on, be sure to connect with the Codecademy community in the [forums](#). Remember to check in with the community regularly, including for things like asking for code reviews on your project work and providing code reviews to others in the [projects category](#), which can help to reinforce what you've learned.

We are excited for you to start your journey into Introduction to Ethical Hacking!