raqyan

BEGINNER · FROM ZERO

COURSE ROADMAP · CYBERSECURITY

Ethical Hacking Foundations

أساسيات الاختراق الأخلاقي

Start from zero. Understand cybersecurity. Discover your path.

A simple, practical, and beginner-friendly introduction to cybersecurity and ethical hacking — with no prior experience required.



9	27	3	7–12
live sessions	hours of training	weeks	seats only

Instructor · Moaaz Afify — Cybersecurity Engineer & Bug-Bounty Hunter

raqyan.com/en/course-hacking

COURSE ROADMAP

Who it's for & what you'll learn

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WHO IS THIS FOR?

Who is this course for?

Designed to start from zero — whatever your background is.

- Complete beginners
- Recent graduates
- Anyone interested in ethical hacking
- Anyone who wants to understand the field before choosing a specialization
- University students
- IT & Computer Science students
- People considering a cybersecurity career

No previous cybersecurity experience is required.

All you need is a laptop and the will to learn — we start with you from absolute zero.

LEARNING OUTCOMES

By the end of the course, you will be able to:

- Understand the cybersecurity industry, roles, and career paths
- Use basic **Linux** commands
- Perform basic reconnaissance
- Understand common web vulnerabilities
- Understand password attacks and gaining access to systems
- Choose a suitable career path
- Understand how websites and web applications work
- Understand the fundamentals of ethical hacking
- Analyze **HTTP** requests with **Burp Suite**
- Recognize common attack techniques
- Analyze a simple security incident
- Know exactly what to learn next

WHY LEARN IT AT RAQYAN

Hands-on from day one

No dry theory — every session includes practical work with real tools.

Learn it from practitioners

Instructors who work in the field daily and teach the exact way they work.

The Raqyan community

Continuous support between sessions — you are never stuck alone.

COURSE ROADMAP

How you learn in this course

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THE JISR METHOD

English content, explained in Arabic

Jisr means bridge: we explain English content in Arabic, so the language becomes your way in, not a wall. The materials and terms are in English, the language the industry runs on, and every explanation is in Arabic.



THE PATH

Ground → Rise → Peak

1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9

Ground

Cybersecurity Foundations

Core concepts · How the internet & web work · Linux & tools

Week 1 · Sessions 1–3

Rise

Ethical Hacking Fundamentals

Methodology · Reconnaissance · Burp Suite · Web vulnerabilities

Week 2 · Sessions 4–6

Peak

Hands-on Attacks & Career

Social engineering · Password attacks · Final challenge

Week 3 · Sessions 7–9

FORMAT
Live online · three sessions a week · Saudi Arabia time

DURATION
3 weeks · 9 sessions · 27 hours

SEATS
7 to 12 per cohort

PRIOR EXPERIENCE
None required

WHAT YOU NEED
A laptop and an internet connection

TOOLS
All free and open source — set up together in the course

YOUR INSTRUCTOR

Moaaz Afify · Cybersecurity Engineer & Bug-Bounty Hunter

A cybersecurity engineer and bug-bounty hunter on global platforms. He specializes in web application security and penetration testing, and works daily with industry tools (**Burp Suite**, **Nmap**, **Linux**).

COURSE ROADMAP

The nine sessions

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GROUND Cybersecurity Foundations

WEEK 1 · 3 SESSIONS · 9 HOURS

1 Introduction to Cybersecurity

SESSION 1

WHAT YOU'LL LEARN

- What is Cybersecurity?
- Why Cybersecurity Matters
- Cybersecurity in the Real World
- Common Cyber Attacks
- Threats, Vulnerabilities & Risks
- **Red Team** vs. **Blue Team**
- Cybersecurity Career Paths

2 How the Internet & Web Work

SESSION 2

WHAT YOU'LL LEARN

- How the Internet Works
- Websites & Web Applications
- Domains & **DNS**
- **IP Addresses** & Ports — Basic Concepts
- **HTTP** & **HTTPS**
- Requests & Responses
- **Cookies** & **Sessions**
- Introduction to Web Security

3 Linux & Security Tools

SESSION 3

WHAT YOU'LL LEARN

- Introduction to **Linux**
- The Linux File System
- Essential Linux Commands
- Files, Users & Permissions
- Working with the **Terminal**
- Introduction to **Kali Linux**
- Setting Up a Basic Security Lab

BY THE END OF WEEK 1

A clear picture of the cybersecurity field and its career paths, a full understanding of how the internet and web work — and a working Linux training lab on your own machine.

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The nine sessions

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RISE Ethical Hacking Fundamentals

WEEK 2 · 3 SESSIONS · 9 HOURS

4 Introduction to Ethical Hacking

SESSION 4

WHAT YOU'LL LEARN

- What is Ethical Hacking?
- Ethical vs. Malicious Hacking
- Legal & Ethical Considerations
- Penetration Testing Overview
- The Ethical Hacking Methodology
- Reconnaissance
- Vulnerability Discovery
- Exploitation
- Reporting

5 Reconnaissance & Web Security

SESSION 5

WHAT YOU'LL LEARN

- What is Reconnaissance?
- Understanding the **Attack Surface**
- Information Gathering
- Subdomains & Technologies
- Identifying Web Application Entry Points
- Introduction to **Burp Suite**
- Intercepting **HTTP Requests**
- Understanding **Parameters** & **User Input**

6 Common Web Vulnerabilities

SESSION 6

WHAT YOU'LL LEARN

- What is a Web Vulnerability?
- **Input Validation**
- **Cross-Site Scripting (XSS)**
- **SQL Injection** — Basic Concept
- **Broken Access Control / IDOR** — Basic Concept
- **Authentication** vs. **Authorization**
- Realistic Vulnerability Demonstrations

BY THE END OF WEEK 2

You start thinking like an ethical hacker: professional reconnaissance, analyzing HTTP traffic with Burp Suite, and a solid grasp of the most common web vulnerabilities.

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The nine sessions

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PEAK Hands-on Attacks & Your Career Path

WEEK 3 · 3 SESSIONS · 9 HOURS

7 Social Engineering & Common Attacks

SESSION 7

WHAT YOU'LL LEARN

- What is Social Engineering?
- Credential Theft
- Password Attacks
- **Phishing**
- Malicious Links & Attachments
- How Attackers Trick Users

8 Password Attacks & Gaining Access

SESSION 8

WHAT YOU'LL LEARN

- From Vulnerability to Access — the Attack Path
- Dictionary Attacks & **Wordlists**
- Cracking Passwords Hands-on in the Lab
- **Post-Exploitation** — Basic Concept
- **Brute Force** Attacks
- **Hashing** — How Passwords Are Stored
- Password Attack Tools in **Kali Linux**
- **Privilege Escalation** — Basic Concept

9 Final Challenge & Career Roadmap

SESSION 9

WHAT YOU'LL LEARN

- Practical Cybersecurity Challenge
- Identify Security Issues
- Recommend Security Improvements
- Career Paths: **Offensive Security · SOC · AppSec · Cloud Security · GRC**
- Building Your Personal Cybersecurity Roadmap
- Analyze a Simulated Attack
- Basic Investigation
- Review of Key Concepts
- How to Continue Learning

BY THE END OF WEEK 3 You understand how real attacks are carried out — from recon to access — and you leave with a personal career roadmap for your next step.

COURSE ROADMAP

Practice & the final project

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HANDS-ON PRACTICE

Practical experience

Throughout the course, you will practice with:

- Kali Linux
- Linux Terminal
- Burp Suite
- Basic Web Security Labs
- HTTP Request Analysis
- Reconnaissance Tools
- Phishing Scenarios
- Security Investigation Exercises

THE FINAL PROJECT

A simulated security incident, in five stages

You will work through a simplified scenario that simulates a real security incident, moving through five stages — designed to test the fundamentals learned throughout the course without requiring advanced technical knowledge.

01 **Discover** — Collect evidence and the initial trace

→

02 **Analyze** — Understand what happened and how

→

03 **Identify** — Uncover the security issues

→

04 **Report** — Document the findings clearly

→

05 **Recommend** — Practical security improvements

3 weeks · **9** live sessions · **27** hours · from zero · a hands-on final project

Verifiable certificate of completion

Issued by Raqyan Academy · verify it by its number at raqyan.com/verify · not an accredited qualification — the project you build is the real proof of your skill

Start from zero. Understand cybersecurity. Discover your path.

Reserve your seat

Next cohort 1–21 November · registration closes 30 October

Register · raqyan.com/en/join?course=ethical-hacking

WhatsApp +966 56 006 6113 — we confirm your seat within 24 hours

Instructor

Moaaz Afify — Cybersecurity Engineer & Bug-Bounty Hunter