



CYBER SECURITY COURSE OUTLINE

Week	Class No.	Topics	Activities/Tools
Week 1	1	Introduction to Cyber Security	Presentation
	2	Common Threats: Malware, Phishing, Ransomware	Visual Examples
	3	Basic Terminologies & Concepts	Quiz + Discussion
Week 2	4	Cyber Hygiene & Safe Browsing	Browser Demos
	5	Password Management & 2FA	Tool: Bitwarden, Google Authenticator
	6	Project 1: Personal Security Audit	Checklist Activity
Week 3	7	Network Security Basics	Diagram Activities
	8	Firewalls, Antivirus, VPNs	Tool Demos: NordVPN, Windows Defender
	9	Ethical Hacking Introduction	Case Study
Week 4	10	Social Engineering Attacks	Roleplay Exercise
	11	Email Scams & Data Leaks	Live Examples
	12	Project 2: Simulate Phishing Detection	Practice
Week 5	13	Cyber Laws & Policies	Pakistan + Global Laws

	14	Mobile Security & App Permissions	Device Settings Check
	15	Tools: Wireshark, Kali Linux (Intro)	Lab Demo
Week 6	16	Cyber Security Careers	Role Overview
	17	Final Project Work	Security Plan Creation
	18	Final Presentations & Certificates	Feedback