

CYBER SECURITY

Program Details

Cyber security is an exponentially growing concern for all organizations and governments today. It is estimated that it will cost the world \$6 trillion annually in 2021 to fight this menace.

This project-based course consists of assignments and tasks to be conducted in diverse teams and is designed to help you get a birds-eye view of the global threat of cyber security.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Location	At the iWIL Pro training centre near you
Mode of Delivery	Hybrid
Mode of Assessment	Online (from the training centre)
Duration	160 hours (weekday/weekend batches)
Prerequisite / Entry Requirements	<ul style="list-style-type: none"> Graduate (or pursuing graduation) Desirable: 1-3 years of IT work experience/ Python programming
Possible occupational outcomes	Web Application Security Analyst, Cybersecurity Analyst - Assessment, Quality Assurance Security Analyst, Information Security Analyst, IS Process Compliance Analyst, Web Security Engineer and many more
Tuition fee	INR 1,50,000 + GST
Fees Includes	Training + Exam + Certificate (iWIL CSP)
Fees Excludes	Fees for external certificates (if applicable)

Units to Study

Introduction to cyber security

Know the ecosystem of cybersecurity. Live Operating Systems –Tails, Knoppix, Puppy linux, Jondo live, Tiny core linux

Enterprise Security

In this course, we examine the concept of security professionals. You will practice as team A versus team B, where A team attacks a company' security infrastructure, and an opposing B defends against the attack. Both teams work to strengthen a company' defenses.

Roleplay CISO - Chief Information Security Officer

You will fully explore the CISO' view from the top, as well as the position' toolkit, which includes policy, procedures and practices, technologies, awareness training, and audit. It will also dive into the approaches taken in private industry, government, academia, and the military.

Censorship Circumvention - Bypassing Firewalls & Deep Packet Inspection

Learn the fundamentals of firewall bypassing, Tunneling through HTTP proxies, Port sharing, knocking, cloaking & obfuscating, Remote login - VNC and RDP, Reverse shells, SSH remote tunneling and remote login

Hands-on experience with Privacy and Anonymizing Services

Installing and Secure Configuration JonDonym, Bullet Proof Hosting Services (BPHS), Botnets and Hacked Boxes

Network Security

Get advanced practical skill-set in assuring network security against all threats including - advanced hackers, trackers, exploit kits, Wi-Fi attacks and much more.

Criminal's Tactics

Decoding the Digital Evidences, Router Forensics, Stegano Analysis, Social Engineering, Password Cracking, Proactive Password, Trojan Horse Program, Logic Bomb, Cyber Terrorism

Cryptography in cyberspace

Surveillance of Internet, Public Key Encryption, Attacks on Cryptographic Systems, RSA based digital signature, Cryptography in user Authentication