INVENTATEQ

MASTER CYBER SECURITY

COURSE With Placement

Build In- Demand Professional Expertise with Real-Time Hands-on Cyber Security Training

ISO 9001:2015 CERTIFIED

COURSE MODES

- Live Online Instructor-led Real-Time Interaction
- Self-Paced Learning Pre-recorded Video Lectures
- Hands-on Real-world Projects
- 100% Practical Placement Support in MNC's & Top Recruiters

Enroll Anytime

STARTS HERE !

10+	500+	25K	10K
Years of Experience	Hours of Training	Students Trained	Students Placed

ARE YOU FACING THESE CHALLENGES ?

- Will searching for your first job after graduation?
- Not knowing Cyber Threats and Vulnerabilities in the Real-world Environment?
- Unsure in career, taking self-assessment by the time and not getting success?
- Have Limited Exposure to Cyber Security Tools and Technologies?
- Not confident to crack any interview for Cyber Security Jobs?

How Inventateq Helps You

- Industry Expert Trainers with Current Projects
- Certification Preparation & Consultations
- Resume Building & Mock Interviews
- Complete Placement Support
- Career Opportunities Interview Preparation
- Internship & Live Projects
- Personality Development

Why Thousands Choose Inventateq?

10+	500+	25,000+	10,000+
Years Experience	Hours Training	Students Trained	Students Placed

We Collaborate With

Deloitte. Capgemini HEXAWARE ZAFFRA Tech Mahindra

ABOUT INVENTATEQ

Inventateq is a leading IT training and placement company committed to transforming aspirations into careers using professional IT skills.

Our Mission

To provide quality education, personalized attention and practical training to our students to make them industry ready professionals.

Our Vision

To be the most trusted and preferred IT training institute in the world.

CAREER ACTION OF CYBER SECURITY

- Application Security Analyst
- Cyber Security Consultant
- Cyber Security Operations Manager
- Cyber Security Specialist
- Cyber Threat Intelligence Analyst
- Information Security Analyst
- Information Security Manager
- Information Security Officer
- Information Security Specialist
- Information Security Auditor
- Information Security Architect
- Information Security Lead Auditor
- Information Security Consultant
- Information Security Engineer
- Information Security Administrator
- Information Security Trainer
- Information Security Officer
- Information Security Specialist
- Information Security Auditor
- Information Security Architect
- Information Security Lead Auditor
- Information Security Consultant
- Information Security Engineer
- Information Security Administrator
- Information Security Trainer

COURSE & ALUMNI VIDEOS

Student Success Testimonial | Cyber Security Training

Practical Training Session

Alumni Success Story

Interview Skills & Resume Preparation Session

Cyber Security Training Course Duration

90 - 120 Hours

At Inventateq, Your Success Is Our Mission !

GUARANTEED PLACEMENT SUPPORT

Inventateq is committed to your success and dedicated to support you until you get placed in your dream job.

- Aptitude Training
- Mock Interviews
- Resume Preparation
- Interview Preparation
- Group Discussions
- Soft Skills Training
- LinkedIn Profile Optimization
- Job Portal Access
- Placement Drives & Hiring Events

OUR PLACEMENT STATS

15,000+	5000+	95%	4.2 PA
Students Placed	Hiring Partners	Placement Assistance	Highest Package

CAREER PROGRESSION

Our course benefits for technical professionals & graduates with basic IT knowledge and interest in cyber security.

Fresher Graduate	Software Developer/Tester	Technical Support
Cyber Security Analyst	Manage and Communicate Presentations, Reports, Briefings and Recommendations	Provide Cyber Security Consultancy Services to Clients and Internal Teams
Cyber Security Consultant	Conduct Penetration Tests and Vulnerability Assessments	Perform Cyber Incident Analysis, and Risk Assessments
Senior Cyber Security Expert	Lead Cyber Security Technical Strategy, Design and Implementation	Completely Cyber Security expertise in Organization and Lead Cyber Security Team

SKILLS ROADMAP

Prepare yourself for a successful career in cyber security using our structured roadmap.

BEGINNER	PRACTICAL JOURNEY	ADVANCE KNOWLEDGE
Cyber Security Foundations	Master hands-on skills in network security, cryptography, and ethical hacking techniques.	Develop expertise in cyber threat intelligence and advanced defensive strategies.
Network Fundamentals	Understand network architecture, protocols, and security principles.	Specialize in cloud security and secure software development practices.
Operating System Security	Learn Linux and Windows security, including hardening and monitoring techniques.	Develop leadership skills for managing cyber security teams and projects.
Cryptography Basics	Explore encryption algorithms, digital signatures, and secure communication protocols.	Prepare for industry certifications like CISSP, CISM, and CEH.
Ethical Hacking Fundamentals	Gain practical experience in penetration testing and vulnerability assessment.	Contribute to open-source security projects and build a strong professional network.

DETAILED MODULE PLAN

Our course is designed to provide you with the most comprehensive training.

Module 1 – Cybersecurity Foundations

- Cyber Security Introduction, Principles, Availability, Confidentiality & Integrity, Authentication, Non-Repudiation, AAA
- Hard Disc & Boot Process
- Kali Linux Basics
- HTML & CSS for Cybersecurity Basics
- Working Identification Exercise

▶ WATCH LIVE

Session will be conducted by Cyber Security professional and recorded session will be shared with you.

▶ PREPARE & ASSESSMENT

Session will be conducted by Cyber Security professional and recorded session will be shared with you.

Module 2 – Networking for Security

- Using TCP/IP Range
- Network Devices & Network Security
- Common Ports & Protocols
- Firewalls, IDS, IPS
- Wireless Network Security
- Traffic Capture & Analysis

▶ WATCH LIVE

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Module 3 – Windows & Linux Security Basics

- Windows Architecture and Design
- Local File System and Permissions
- Windows Registry and Configuration
- Process Monitoring
- Windows Hardening

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Module 4 – Security Monitoring & SIEM

- What is SIEM?
- Log Sources & Correlation
- Use Cases & Rules
- Splunk Basics & Dashboards
- Basic SOC Reporting
- Threat Hunting Concepts

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Module 5 – Endpoint Security & EDR

- Malware Analysis Basics
- Ransomware Prevention
- Endpoint Security Solutions
- Sysmon for Threat Detection

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Module 6 – Threat Detection & Log Analysis

- Advanced Log Analysis
- Brute Force Detection
- Lateral Movement Detection
- Network Behavior Analysis
- Threat Intelligence Integration

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Module 7 – Incident Response

- Incident Response Lifecycle
- Containment & Eradication
- Forensics Fundamentals
- Memory & Disk Forensics Basics
- Post-Incident Report Writing

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Module 8 – Cloud Security Basics

- Shared Responsibility Model
- Cloud Logging & SIEM
- Cloud Logging Basics
- Public Storage Exposure Risks
- Cloud Security Posture

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Module 9 – Vulnerability Management

- Vulnerability Scanning
- CVSS Scoring
- Vulnerability Scanning Concepts
- Patch Management
- Risk Prioritization Lifecycle

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Module 10 – Career & Capstone

- SOC Analyst Role & Responsibilities in Resume Building
- Interview Q&A / Preparation
- Capstone Project Execution
- End-to-End Investigation
- Capstone Project Presentation
- Understand SOC operations and monitoring workflows in Multiple security alerts and logs
- Conduct investigations and document findings
- Prepare a professional SOC Analyst resume

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THREE PORTFOLIO PROJECTS

Practical industry scenarios, hands-on projects, and real-time implementation projects.

Project 1: Cyber Attack Simulation

What to do: Simulate a real-world cyber attack, including reconnaissance, exploitation, and post-exploitation techniques.

What you get: Hands-on experience in ethical hacking and penetration testing methodologies.

Project outcome: Develop a comprehensive report detailing the attack simulation and findings.

Project 2: Network Intrusion Detection System

What to do: Design and implement a network intrusion detection system using open-source tools.

What you get: Practical knowledge of network security monitoring and threat detection.

Project outcome: Demonstrate the system's ability to detect and alert on simulated attacks.

Project 3: Learning Outcomes

What to do: Develop a personalized learning plan to enhance your cyber security skills.

What you get: Guidance on selecting relevant courses, certifications, and resources.

Project outcome: Create a roadmap for continuous learning and professional development.

Project 4: Identity common attack techniques

What to do: Identify common attack techniques, such as phishing, malware, and social engineering.

What you get: Practical knowledge of attack vectors and how to mitigate them.

Project outcome: Develop a presentation or report summarizing your findings.

Project 5: Cyber Security Risk-to-Grid Capstone

What to do: Conduct a comprehensive cyber security risk assessment for a simulated power grid.

What you get: Hands-on experience with risk assessment methodologies and tools.

Project outcome: Develop a detailed report with recommendations for mitigating identified risks.

ASSESSMENT FRAMEWORK

Our assessment framework is designed to evaluate your progress and ensure you're on track to achieve your goals.

Assessment	Assessment Focus	How to Assess
Project Knowledge Assessment	Assessing your understanding of project concepts and principles	Conduct knowledge quizzes and assessments
Performance Evaluation	Evaluating your performance in project tasks and deliverables	Use performance metrics and feedback forms
Skills Gap Analysis	Identifying areas for improvement and skill development	Conduct skills assessments and provide personalized training plans
Final Capstone Project	Evaluating your ability to apply project management concepts	Assess the final project deliverables and presentation
Technical Proficiency	Assessing your technical skills and knowledge	Conduct technical assessments and hands-on exercises

RESUME, GITHUB & LINKEDIN

Practical resume building and strong professional profile for your Cyber Analyst.

- Industry-standard resume format aligned to Cyber Analyst roles.
- Guidance on presenting projects, labs, and practical experience effectively.
- Cybersecurity projects, labs, and practical work hosted on GitHub.
- Project documentation and learning milestones tracked professionally.
- Professional profile optimized for Cyber Analyst opportunities.
- Strong connections for job referrals and networking with industry professionals.

OUR STUDENT

Here's what our students and alumni have to say about their experience with us.

READ REVIEWS

"Being a non-technical person, I was very confident on learning Cyber Security at Inventateq course. We have a very good trainer who explained us concepts in a very easy way. The..."

Read more on Google

"Inventateq Course is the best place to learn and get placed in Cyber Security. The trainer is very friendly and helpful. Placement team is also very supportive. They will..."

Read more on Google

"Recently I completed my Course in Cyber Security at Inventateq. I am very satisfied with the training and placement support provided by the institute. The trainers are very..."

Read more on Google

WATCH VIDEOS

Cyber Security Training Course Duration

Inventateq Review & Student Experience

Inventateq Cyber Security Training Course Review

Cyber Security Training Course Duration

Cyber Security Training Course Duration

Cyber Security Training Course Duration

CONTACT US

JOB HUNTING ENDS HERE

Start your career path in IT with Inventateq course that gets you a Dream Job!

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