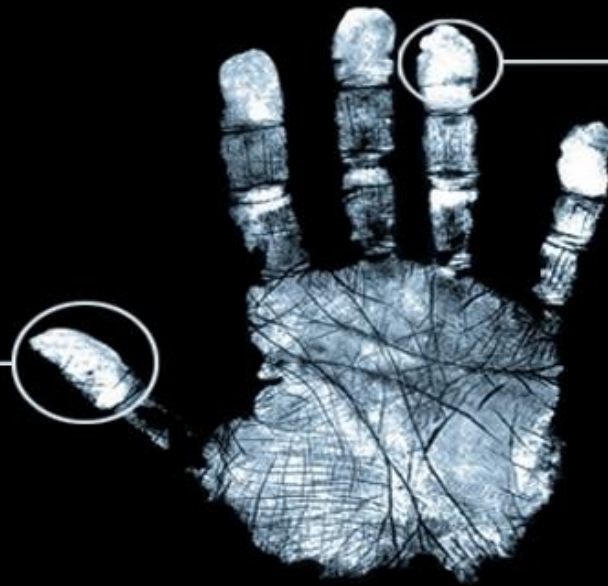


Cyber Security Training courses



Need of Cyber Security Experts

The need of
GOOD GUYS



- Today, everyone is dependent on the Internet and the Computer systems for their day-to-day and professional activities as well.
- And, the Cyber Security at personal and professional level has become more susceptible to Cybercrimes and terrorists attack.
- As the cyber crime is increasing steadily, there is a urgent need of 'GOOD GUYS' or the cyber security professionals who can defend the systems against the 'BAD GUYS' or the cyber criminals.
- In order to make the 'GOOD GUYS' more proficient in their efforts, there are IT Trainings and Certifications available to make an excellent private and Government jobs.



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Understanding **CYBERSECURITY**



- Cybersecurity refers to protection.
- It could be personal or family's privacy online to prevent illegal access of their bank account, or
- Secure data of a small businesses or the corporate giants
- Defense against country's defense system
- Prevent unauthorized access to personal/state/ country secrets
- Prevent unauthorized access to a complex aerospace program
- And more.

Why CYBERSECURITY COURSES?

- It is estimated that by 2019, the world requires 6 million cybersecurity experts. But there is a shortfall of 1.5 million professionals as per the experts at Symantec and Cisco.
- Moreover, the global cyber security industry is anticipated to cross US\$ 220 billion mark by 2021.
- The government and the public sector undertakings are offering lucrative packages attracting more professionals into the realm of cybersecurity
- In India, PM Narendra Modi is promoting cyber security professional jobs with hiked salaries, and also has allotted budgets for research on cyber security.

5 Globally Recognized
**Cyber Security
Certifications**

EC-COUNCIL: International Council of E-Commerce Consultants

CompTIA: The Computing Technology Industry Association

ISACA: Information Systems Audit and Control Association

GIAC: Global Information Assurance Certification

(ISC)2: The International Information System Security Certification Consortium

EC-COUNCIL CERTIFICATIONS

Certified Ethical Hacker (CEH):

- This certification enables the professionals to utilize the hacking tools and malware used by hackers, but at goodwill. The hacking helps the companies to expose the weaknesses and the vulnerabilities of IT systems.

EC-Council Certified Security Analyst (ECSA):

- This EC Council certification is one step ahead of CEH. It comprehends the impact of the hacking tools and damage assessment. The experts may land as administrators or the risk assessment professionals.

Computer Hacking Forensic Investigator (CHFI):

- This Certification enables the professional to track the evidence of hacker so as to sue the culprit under law. It delivers the complete knowledge of digital forensic techniques and standard forensic tools to identify intruder's footprints and gather evidence for its prosecution.

EC-COUNCIL CERTIFICATIONS

Average salaries for EC-Council certified professionals:

- Certified Ethical Hacker salary: **\$89,000**.
- Certified Security Analyst salary: **\$90,000**.
- Computer Hacking Forensic Investigator salary: \$96,000

[Salary by EC-Council Certificate (USA)

Source: Payscale.com]

RECOMMENDED READING: [EC-Council Certification Path You Should Follow!](#)

CompTIA CERTIFICATIONS:

CompTIA Security+:

- Being a globally-recognized benchmark certification, it signifies the best practices in IT security. It involves the essentials of network security and risk management, cryptography and prevention of attacks.
- The median salary for a professional with CompTIA Security+ certification varies as per the designation. The average salary of a network engineer varies from **\$42,128 – \$95,829**.

Ref.link: resources.infosecinstitute.com/security-salary/

ISACA CERTIFICATIONS

Certified Information Systems Manager (CISM):

- The certification given by ISACA focuses on the information security management. It assesses the skills to develop and manage the information security programs. It also helps to learn the proper responses to security situations.

Certified Information Security Auditor (CISA):

- It is also an ISACA certification which basically emphasizes on information system controls and monitoring skills. It helps the professional to identify and plug the vulnerabilities or other flaws in an enterprise environment.

Certified in Risk and Information Systems Control :

- This certification, that comes under ISACA, imparts skills for risk assessment and management. It enables the professionals to adopt precise security measures.

ISACA CERTIFICATIONS

- ISACA certifications ranks as the top paying security credentials always. The certifications are job role specific and is vendor-neutral.
- The salaries accountable for ISACA certifications are **\$131,298** for CRISC; **\$128,156** for CISM; and **\$115,471** for CISA.
- Apart from private/public sectors, the government agencies too identify ISACA certifications as a benchmark while hiring security personnel.

GIAC CERTIFICATIONS

- **GSEC – GIAC Security Essentials Certification: Global Security (GSEC):**

This certification is globally recognized and meant for freshers interested to make a career in cyber security.

- **GPEN – GIAC Penetration Tester:**

- This certification enable the professional to penetrate the IT network in an ethical manner and in compliance with any of the cyber laws.
- The average salary as per <https://www.payscale.com/research/US/Certification=SANS%2FGIAC.../Salary> is as follows.

Job	Average
Information Security Analyst	\$76,650
Security Engineer	\$93,780
Security Analyst	\$65,745
Information Security Engineer	\$89,933

ISC[2] CERTIFICATIONS

Certified Information Systems Security Professional (CISSP):

- The CISSP certification offered by the [ISC]2 imparts knowledge on how to handle the data and network security at corporate level.
- The Certification covers the major topics such as the Security and Risk Management; Asset Security; Security Engineering; Communications and Network Security; Identity and Access Management; Security Assessment and Testing; Security Operations, and Software Development Security.
- It is the first credential in the field of information security that has met the stern requirements of ISO/IEC Standard 17024.
- The Average salary for a female CISSP falls between **\$73,627** and **\$111,638**, while the average male salary is between \$78,788 and **\$119,184**. [Salary<http://resources.infosecinstitute.com/average-cissp-salary-2017>]
- The CISSP Professionals are positioned in organizations as the Cybersecurity compliance analyst , Information security senior analyst, Security Engineer, IT Security Specialist, Lead information systems analyst, Security and information protection director, Security Operations Specialist, Security Intervention Specialist, Information systems security officer, Data analyst, Cyber threat and risk advisor, and the Chief Information Officer.

RECOMMENDED READING: [How to Become CISSP Certified!](#)



CONCLUSION

These are a few globally recognized certifications that stands at the top list. The professionals with any of these certifications carry a high-profile and are in great demand in the IT industry.

Further, the demand of cyber security professionals are ever increasing as of today.

TRAINING & CERTIFICATIONS

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