info campus
INSPIRING THE FUTURE

Certified Cyber Security Analyst (CCSA)

Duration
3 month

Celebrating 15 years of glorious success and transforming futures!

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About Infocampus

Infocampus is a community of learners, educators, and industry professionals dedicated to creating a supportive and dynamic learning environment. Since 2009, we have specialized in IT and networking courses for both beginners and professionals, bridging the gap between theory and practice. Our mission is to prepare students for the evolving tech industry, making us a trusted choice for career advancement in technology.

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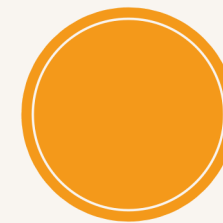
Key Features

- Hands on training for real world application
- Highly experienced and skilled faculties
- State-of-the-Art Infrastructure
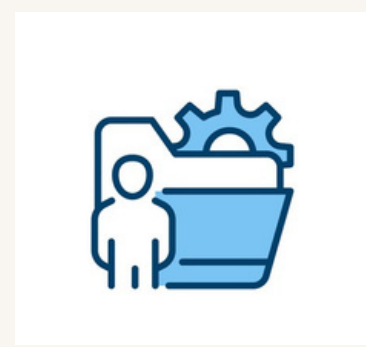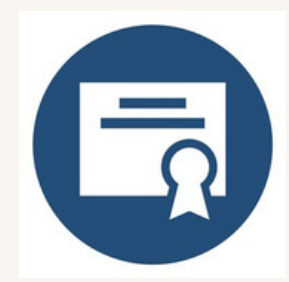- Course completion certificate
- Job Assistance

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OUR VISION

- ✅ **Assessments**
- ✅ **Projects**
- ✅ **Certification**
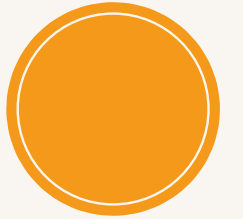- ✅ **Placement**

Certified Cyber Security Analyst(CCSA)

The Certified Cyber Security Analyst course is designed to equip participants with the essential skills and knowledge to protect organizations against cyber threats effectively. This comprehensive program covers proactive monitoring, threat detection, and real-time mitigation strategies. Participants will gain hands-on experience in deploying advanced open-source and commercial tools such as Vulnerability Assessment, Threat handling, Exploitation, Nmap, Wireshark, Metasploit, Burpsuite etc. By the end of the course, students will be proficient in setting up and integrating these technologies to safeguard networks and data, making them invaluable assets in the field of cyber security.

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Course Curriculum

Offensive security

1. Introduction to Cyber security

- .Whats is cyber security
- CIA triad c.Difference classification of cyber security
- Different types of hackers e.Importance of cyber security
- Certifications and positions in cyber security

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2. Network basics

- **What is network**
- **Different types of networking**
- **Osi layers d.Tcp,udp connections**
- **Cisco packet tracer (lab)**

3. Lab setup(virtual box,kali linux)

- **Virtual box installation**
- **Kali linux (OS) installation**

4. Linux commands

- **Linux basic commands (CLI)**
- **Bash scripting**

5. Ethical hacking

- **Phases of hacking**
- **Ethical hacking labs(over the wire,tryhackme)**

6. Web application pentesting

- **What is pentesting**
- **Difference type of pentesting**
- **Difference between ethical hacking and pentesting**
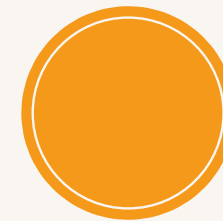- **OWASP top 10 vulnerabilities e.Tools installation**
- **Labs**

7. Mobile application pentesting (android)

- **Owasp guidance for mobile application pentesting**
- **Lab setup for mobile pentesting**
- **Labs**

8. Bug bounty.

- **Bug bounty guidance**
- **Bug bounty tips**
- **Introducing bug bounty platforms**

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Complex , Mavoor Road,
Opposite Private Bus
Stand , Kozhikode,
Kerala-673004