CISCO Cybersecurity Analyst

(Beginner Pathway Internship Program)

Course Name

Cisco Cybersecurity Analyst Pathway

Instructor

Cisco Networking Academy Instructor

Course Delivery

Online/Remote

Support and participate in cybersecurity-related activities, including vulnerability assessment, incident handling, and security reporting and documentation. As an entry-level position, they are not yet ready to take lead roles but have a broad range of knowledge and skills to participate in and assist with tasks performed by seasoned cybersecurity professionals.

Skills You Will Gain

- Core Cybersecurity Concepts
- Network Engineering, Security and Data Analysis Assistance
- System and Software Security, Malware, Cloud and End-point Security, Identify Management, Network Defense
- Risk Management Principles and Processes
- Incident Response and Disaster Recovery

Desired Certification

Cisco Certified Support Technician (CCST) Cybersecurity

Target Jobs & Expected Salaries

- Security Operations Center (SOC) Analyst – Level 1
- Network Security Engineer
- £25000-£33000

Course Schedule (190 Hours Learning)

| Week	Subject	Mode
Week 1	- What is Cybersecurity and why it matters - Threat landscape: attackers, motivations, and targets - Data confidentiality, integrity, availability (CIA Triad) - Careers in cybersecurity	Self-paced
Week 2	- Core security concepts: risk, threat, vulnerability - Security laws, policies, and ethical responsibilities - Cybersecurity governance and compliance frameworks	Self-paced
Week 3	- Overview of security technologies (firewalls, antivirus, IDS/IPS) - Authentication, authorisation, and accounting (AAA) - Access control models	Self-paced
Week 4	- Basic network architecture (LAN, WAN, protocols) - IP addressing and subnetting - Ports and protocols relevant to security - Packet analysis and Wireshark basics	Self-paced
Week 5	- Understanding endpoints and vulnerabilities - Malware types and prevention techniques - Host-based firewalls and antivirus - Endpoint protection solutions (EDR/AV)	Self-paced
Week 6	- Securing network devices (switches, routers) - Firewalls, VPNs, and secure protocols (HTTPS, SSH) - Intrusion detection/prevention systems (IDS/IPS) - Wireless security basics	Self-paced

Week	Subject	Mode
Week 7	• Cyber kill chain and threat lifecycle • Incident response process • SIEM (Security Information and Event Management) • Threat intelligence and analysis	Self-paced
Week 8	• Security monitoring, logging, and analysis • Vulnerability assessments and penetration testing basics • Cybersecurity certifications and career paths • Review, lab assessments, and final preparation	Self-paced

Exam schedule

Week	Subject
Week 5	Network Course Exam
Week 6	End-point Security Course Exam
Week 7	Network Defense Course Exam
Week 8	Cyber Threat Management Course Exam
Week 10	Cisco Certified Support Technician (CCST) Cybersecurity Exam

Achievement and Next Steps

See where your learning journey can take you
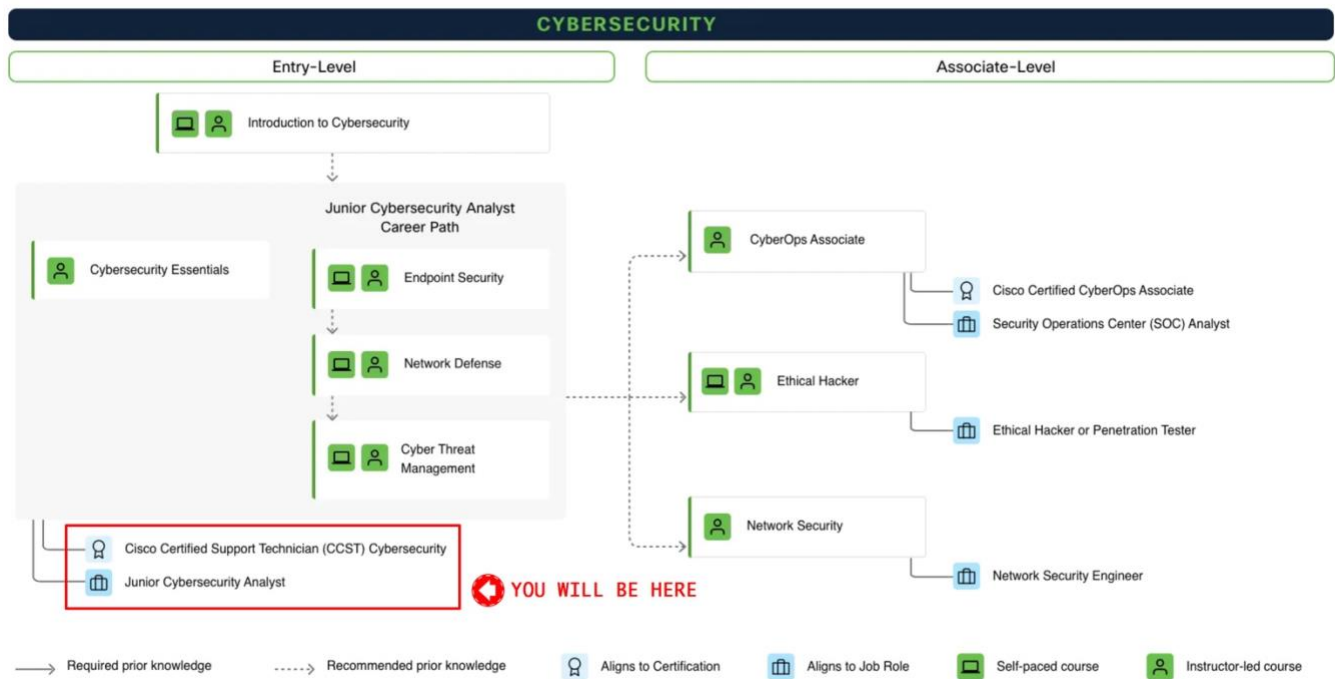
After completing the **Cybersecurity** training and **CCST** certificate exam, you will successfully achieve the **Junior Cybersecurity Analyst Level 1** which is a globally recognized certification from Cisco.

Cisco Verified Course Badges Included

Any Questions?
- **P: WhatsApp Call/Text:** +44 141 628 6918 – (for faster communication)
- **E:** info@csmentors.uk || support@computersciencementors.co.uk

Your next step

- Achieve the associate level by enrolling and registering in our **Cisco CYBEROPS Associate** training.