

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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Core security concepts: risk, threat, vulnerability• Security laws, policies, and ethical responsibilities• Cybersecurity governance and compliance frameworks	Self-paced
Week 3	<ul style="list-style-type: none">• Overview of security technologies (firewalls, antivirus, IDS/IPS)• Authentication, authorisation, and accounting (AAA)• Access control models	Self-paced
Week 4	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Understanding endpoints and vulnerabilities• Malware types and prevention techniques• Host-based firewalls and antivirus• Endpoint protection solutions (EDR/AV)	Self-paced
Week 6	<ul style="list-style-type: none">• Securing network devices (switches, routers)• Firewalls, VPNs, and secure protocols (HTTPS, SSH)• Intrusion detection/prevention systems (IDS/IPS)• Wireless security basics	Self-paced

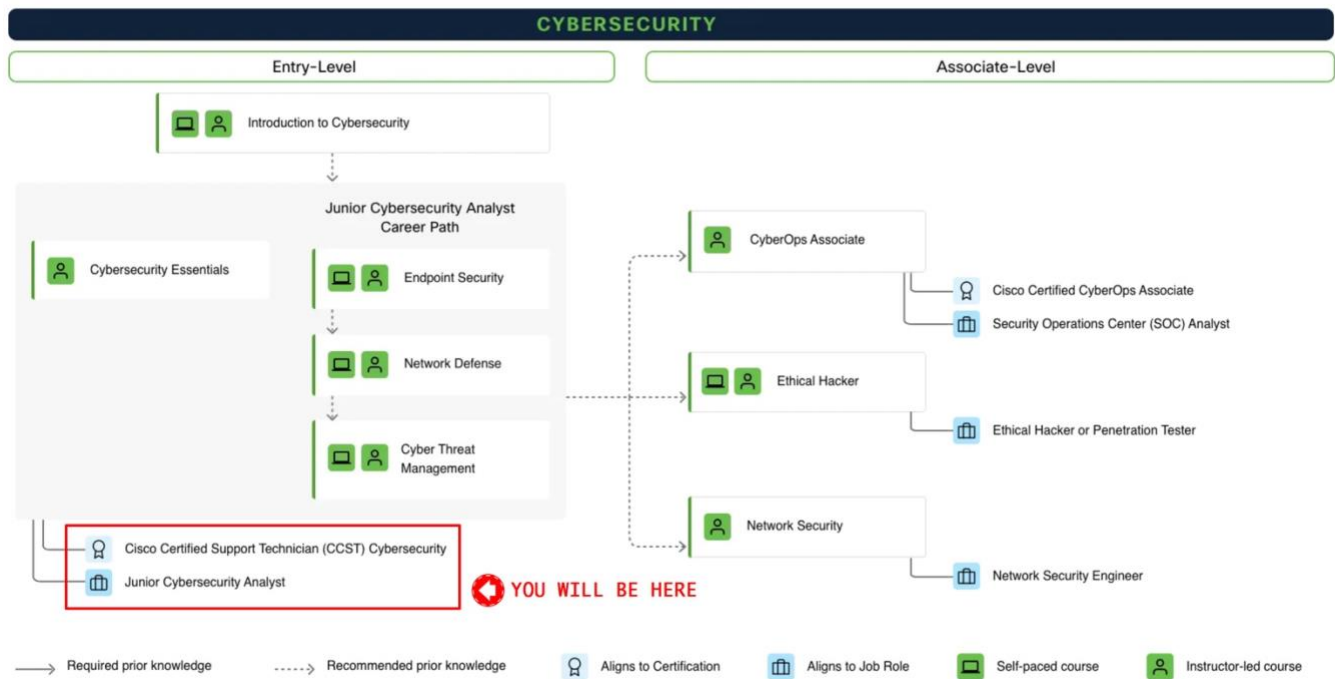
Week	Subject	Mode
Week 7	<ul style="list-style-type: none"> • Cyber kill chain and threat lifecycle • Incident response process • SIEM (Security Information and Event Management) • Threat intelligence and analysis 	Self-paced
Week 8	<ul style="list-style-type: none"> • Security monitoring, logging, and 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





Fees, Funding and Discounts

Program Fees

- **£49.00** (per month) or **£299.00** (full cost)

UK Government Funding

- Unfortunately, we don't provide any government funding or exemptions.

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.