



SKILLS CITY

Fair Access to Technology Futures

Skills Bootcamp:

Cyber Security

Kickstart your tech career through our Skills Bootcamp

About the course

This skills bootcamp is designed to help people with little cyber security knowledge enter the workforce as junior level network and cyber specialists. You will gain knowledge of network architecture, cyber security fundamentals and cyber threats. Students will develop a broad understanding of the building blocks needed to work with networks and cyber security.

This course is designed as a hybrid course with two days a week being based on site at the Skills City campus at HOST. This will allow you to practice your skills using our computers. The other three days, will be taught virtually via Teams.

You will also get a chance to meet with people already working in Cyber Security and find out what their roles really entail as well as having a chance to meet alumni from prior courses and our other students studying other tech routes.

As part of the course you will complete practical skills workshops and knowledge checks to make sure you're ready for your exam. You will also complete a client facing project which you can add to your CV. This will put your knowledge to the test in a real world scenario.

Course modules:

- ▶ Computer and Network Architectures
- ▶ Basic Windows and Linux Usage
- ▶ Cyberthreats
- ▶ Cyber security Fundamentals
- ▶ Client-facing Project
- ▶ Employability and Personal development

Qualifications:

Students can gain the CompTIA Network+ N10-008 Certification.

Skills developed:

You will develop an understanding of:

- ▶ Windows operating system
- ▶ Virtual machines
- ▶ Network structure
- ▶ Cyber threats and how they operate
- ▶ Security controls within a business environment
- ▶ Scoping and developing projects in relation to their briefs

As well as an ability to:

- ▶ Create basic bash and python scripts
- ▶ Use Linux operating system via CLI commands
- ▶ Use penetration testing tools
- ▶ Use network vulnerability tools
- ▶ Use various OSIN tools
- ▶ Produce risk assessments
- ▶ Set up a virtual network



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www.skills-city.com/apply

Example course structure

Mon	Tues	Weds	Thurs	Fri
Cyber security Session	Cyber security Session	Personal Development/ Employment or Network+ Session	Network+ Session	Personal Development/ Employment or Network+ Session
	Network+ Session	Project work (capstone/ client-facing)		

Where can this take me?

After completing this course, you will have the skills to start a career in the cyber security sector or go on to complete a range of qualifications to further develop your skills in the area of choice.

Career pathways:

Our students go on to a large variety of roles, including Network Administrator, Network Engineer, Network Support Specialist, Information/Security Analyst, Security Operations Centre Analyst, System Engineer, Help Desk Technician, Cyber Engineer, Risk & Compliance Analyst and Junior Penetration Tester

Salary insights:

Depending on the exact role, initially £21,000-£36,000. Apprentices will have a starting salary between £16K-£22K.

Eligibility criteria

Skills Bootcamps are available to:

- ▶ Adults, regardless of prior attainment (unless required by the role/regulations of the industry in which the vacancies are being offered)
 - ▶ Aged 19+ who are either:
 - Employed
 - Career changers /returners/redeployed
 - Self-employed
 - Unemployed within the last 12 months
 - ▶ All candidates will need to commit to this as a full-time hybrid course, meaning up to 40hrs hours a week
 - ▶ This course cannot be completed alongside any full-time work commitments. While it may be possible for some candidates to complete evening or weekend jobs, this is not recommended
- Essential:**
- ▶ This is a hybrid course students study 2 days a week at the Skills City campus, so students need to be able to travel
 - ▶ Individuals who have a strong interest in cyber security
 - ▶ Access to a laptop that can run Microsoft Teams, Zoom and includes a microphone and camera with the ability to run virtual machines (Oracle VirtualBox)
 - ▶ Keen to progress into a networking or cyber security role
 - ▶ Some basic understanding of what cyber security and networking is
 - ▶ Some technical knowledge or any experience in industry working with networks



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-  www.skills-city.com
-  0161 686 5770
-  skillscity@hostsalford.com