



## CYBER SECURITY TECHNOLOGIST APPRENTICESHIP - ST1021

LEVEL	This apprenticeship <b>standard</b> is set at level <b>four</b>
ENTRY REQUIREMENTS	Be employed in a relevant position and ideally hold a Level 3 apprenticeship or other relevant qualification. Hold a Level 2 (GCSE A/9 to C/4) Maths and English. If not already achieved, the apprentice will have to achieve Level 2 English and Maths and take the test for level 2 prior to taking their end-point assessment.
DURATION	Typical completion time is likely to be 24 months. This may reduce if an apprentice has gained previous relevant knowledge and skills.
START DATE	Commencing from February 2023
LOCATION	South Central Institute of Technology, City of Oxford College and University Centre - Technology Campus and in the workplace

### INTRODUCTION

Cyber Security Technologists all require an understanding of security concepts and technology and how to mitigate risks arising from threats. The specific tasks undertaken vary depending on what needs to be achieved by the team at any particular time. Some tasks may be very technical, others may be more analytical, business or user focused. All roles in this occupation work to achieve required cyber security outcomes in a legal and regulatory context in all parts of the economy.

They develop and apply practical knowledge of information security to deliver solutions that fulfil an organisations requirement. The Cyber Risk Analyst Focuses on risk assessment, analysis and giving advice on risk mitigations. The roles may support formal security governance, regulatory & compliance (GRC).

- Typical Job Roles: Cyber Security Consultant, Cyber Security Analyst, Cyber Risk Analyst, Intelligence Researcher, Cyber Security Specialist, Information Security Analyst, Governance & Compliance Analyst, Information Security Assurance & Threat Analyst, Information Security Auditor

## DELIVERY

The apprenticeship will be delivered within the college and workplace, with ongoing support from a dedicated performance coach. College attendance is required for one day per week throughout the duration of the programme to complete the mandatory qualifications and to learn the required Knowledge, Skills & Behaviours. However, there may also be a requirement for college attendance on additional days to support the delivery of functional Skills.

Please be aware that to support quality delivery may change from day release to block release. Employers and apprentices will be notified as soon as possible

## END POINT ASSESSMENT EPA)

The EPA can only be taken after the conditions of the Assessment Gateway have been successfully achieved;

- » Cyber security concepts and its importance to business and society
- » Rationale for security objectives
- » Ethical principles, codes of practice, law & regulation
- » Preventing security breaches & continuous improvement
- » Following organisations policies & processes
- » Operation of security management systems & incident response

On conclusion that the assessment gateway requirements have been achieved, the apprentice will be able to proceed to the end-point assessment stage of the apprenticeship. It is expected that apprentices will complete the assessment gateway requirements within three months of their planned apprenticeship completion.

EPA Consists of:

- » Summative Portfolio
- » Synoptic Project
- » Knowledge Test
- » Scenario demonstrations with questioning
- » Employer reference
- » Structured Interview (including discussion based on the portfolio)

FOR MORE INFORMATION, PLEASE CONTACT US:

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## FUNCTIONAL SKILLS

Apprentices must complete, or have previously completed recognised English and Mathematics Level 1 qualifications and undertake the English and Mathematics Level 2 qualification during the apprenticeship. For those with an education, health and care plan or a legacy statement the apprenticeship's English and Maths minimum requirement is Entry Level 3 and British Sign Language qualification is an alternative to English qualification for whom this is their primary language

## 20% OFF-THE-JOB TRAINING

Since the introduction of new style apprenticeships in May 2017, it's been a requirement that every apprentice spends at least 20% of their time on off-the-job training. The required 20% off-the-job training hours will be calculated via the apprentices contracted hours of work, holiday entitlement and length of programme and will be clearly specified in our commitment statement.

This requirement doesn't have to be a daunting prospect – and doesn't even mean the apprentice has to be away from their workplace 20% of the time

## PROGRESSION AND PROFESSIONAL RECOGNITION

On completion of this standard, apprentices progress into cyber security in risk analyst specialism with industry recognised qualification.

## APPRENTICE WAGES

Every apprentice must be paid a lawful wage for the time they are in work and in off the-job training. The employer must meet the cost of the apprentice's wages. An employer can only pay the apprenticeship minimum wage from the start of the apprenticeship programme and not before. You can find information on the national minimum wage, the apprenticeship rate, and the definition of an employee on GOV.UK.

