Cyber Security Technical Professional Integrated Degree Apprenticeship

<ARE YOU PART OF IT>

<Gain an Honours Degree while employed in the industry><Be debt free><Gain years of valuable experience><Work with our consummate business hub team>?<Enjoy our £3 million cyber security facilities coming to Cheltenham>?<Benefit from 20 years of UWE world-leading cyber research>

<There is a nationwide cyber skills shortage - HELP FILL IT>

Want to know more? Check out our Cyber Security Brochure

This apprenticeship standard is suitable for a cyber security technical professional operating in business or technology/engineering functions across a range of sectors including critical national infrastructure (such as energy, transport, water, finance), public and private. They will usually operate considerably autonomously, and will lead teams which research, analyse, model, assess and manage cyber security risks; design, develop, justify, manage and operate secure solutions; and detect and respond to incidents. They work in accordance with applicable laws, regulations, standards and ethics.

Delivery model

Workplace assessment and college block delivery (average 1 week per month)

Duration: 36 months plus up to six months for end point assessment

Ideal for:

Cyber Risk Manager
Cyber Risk Analyst
Cyber Research Analyst
Cyber Incident Manager
Cyber Security Engineer
Cyber Security Design Engineer

The apprenticeship will cover the following core areas:

Foundations of cyber security
Network foundations
Information management
Computer architecture
Operating system principles
Algorithm and program design
Malware, threats and defensive programming

Apply now at www.gloscol.ac.uk or call 0345 155 2020

Risk assessment
Security assurance
Legal, regulatory, compliance and standards

Benefits for learner

Achieve an honours degree
Develop skills that will increase your career potential
Support from your industry experienced staff
Be recognised for entry to the Institute of Information Security Professionals membership at Associate level

End Point Assessment
The End Point Assessment will test the entire Standard (skills, knowledge and behaviours)

and be undertaken as follows:

Portfolio of evidence – produced towards the end of the apprenticeship, containing evidence from real work projects which have been completed during the apprenticeship
Practical test – four exercises to assess skills, knowledge and behaviour, in a controlled environment over 48 hours
Employer reference – confirming the apprentice has met the standards
Completion and achievement of all the modules in the BSc Cyber Security Technical Professional Degree
Passes at Level 2 English and Maths (If not already achieved)
Technical discussion - to elicit sufficient evidence against the knowledge, skills and behaviours to inform whether the minimum standard has been achieved

Two independent assessors (from a University) will assess each element of the end point assessment and will then decide whether to award successful apprentices with a pass, a merit or a distinction.

Validated by University of the West of England

Entry Requirements

Employers will set the selection criteria, but this is likely to include three A Levels including maths, or other relevant qualifications or experience

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What's Next

MSc Cyber Security at UWE Bristol

Your Options

	Start Date	End Date	Course Level
Cyber Security Technical Professional Integrated Degree Apprenticeship (Part **Time**)			
Gloucester	TBC	TBC	6