



APPRENTICESHIP

Cyber Security Analyst

Level 3

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Apprenticeship Framework

The Level 3 Cyber Security Analyst Apprenticeship has been designed with employers in Wales to equip employees with the primary cyber security skills that they need to be able to support with identifying and managing cyber security risks, assisting to protect the integrity of cyber assets. This apprenticeship programme is designed to provide a robust vocational route to obtaining the skills and knowledge required to succeed as a cyber security analyst.

The programme prepares learners for roles such as:

- Junior Cyber Security Analyst
- Junior Cyber Incident Manager
- Junior Network Engineer/Technician

Who is this apprenticeship for?

The Level 3 Cyber Security Analyst Apprenticeship pathway has been designed with employers in Wales to equip those with cyber security responsibilities to be able to support the cyber security activities within an organisation. This apprenticeship programme is designed to provide a robust vocational route to applying cyber security processes and techniques in the workplace.

On completion of this apprenticeship, you will achieve the following:

- Level 3 Diploma in Cyber Security Analyst
- Essential Skills Wales Level 2 in Communication
- Essential Skills Wales Level 2 in Application of Number



Benefits of the apprenticeship programme:

- **Accelerate Your Career Growth:** With the Level 3 Cyber Security Analyst Apprenticeship, you will gain the essential information technology skills and hands on experience to supercharge your developing career across a broad range of industrial sectors.
- **Industry-Recognised Certification:** Upon successful completion of this programme, you'll earn an industry-recognised certification, providing you with a competitive edge in the job market. Employers value the skills and expertise gained through this apprenticeship, opening doors to exciting opportunities.
- **Practical and Real-World Learning:** Our programme emphasises practical, real-world learning. You will practice skills in the workplace collaborating with experienced colleagues and supported by ALS professionals who will guide you through every step of the process.
- **Tailored Curriculum:** Our comprehensive curriculum is designed to meet the information technology demands of organisations across the Welsh economy and wider. You'll cover essential topics such as system security, threat and risk analysis, continual development, and professionalism.
- **Experienced and Knowledgeable Advisors:** Throughout your apprenticeship, you'll have access to a network of experienced advisors who will provide guidance, coaching, support, and feedback.

Course Delivery

- Typical duration of 21 months.
- Induction session for apprentices and for their line managers.
- One to One tutor coaching and assessment support sessions.
- Supported by self-study online resources.
- 4 Essential skills assessment days. (2 Preparation days and 2 Live Task days) **
- 2 hour long essential skills confirmatory tests. **

***Essential Skills activities are not applicable to apprentices with exemptions.*



Level 3 Diploma in Cyber security Analyst

Course Delivery

This programme will primarily be delivered through 1-to-1 sessions with a member of the ALS delivery team, using a mixture of face-to-face and remote learning sessions. An ALS assessor will meet with the learner, either in the workplace or through digital means once a month for approximately two hours to support progress.

Learners will also be set tasks to complete between each visit which are tailored to the different needs of each learner and the workplace activities they are involved with.

Qualification Structure Summary

The Agored Cymru Level 3 Diploma in Cyber Security Analyst consists of 6 mandatory units, with a total of 50 credits plus a minimum of 27 optional credits.

Please note: at least 47 credits must be at Level 3 or above.

Unit rules of combination

- Mandatory Units (Learners must achieve all 6 units) – 50 credits.
- Optional units Group B – minimum 15 credits.
- Optional units Group C – minimum 12 credits.
- The same unit may not be selected at more than one level (e.g. Carrying out Information Security Audits Level 3 and Carrying out Information Security Audits Level 4)

What you will learn

This programme is made up of a mixture of mandatory units (these have to be completed by all learners as part of the qualification) and optional units (we will work with you to decide what units are relevant to your role, and your business).

Below is a brief overview of the units available.

Mandatory Units	
Unit Title	Level
IT & Telecom System Security 2	3
Health and Safety in IT	2
Principles of Information Governance and Assurance	3
Carrying out Information Security Risk Assessment	3
Carrying out Information Security Incident Management Activities	3
Professional Practice in an IT Context	3

Optional units Group B (minimum 17 credits required)		
Unit Title	Level	Credits
Testing the Security of Information Systems	4	15
Testing the Security of Information Systems	3	12
Carrying out Information Security Risk Assessment	3	9
Carrying out Information Security Risk Assessment	4	12
Investigating Information Security Incidents	3	9
Investigating Information Security Incidents	4	12
Carrying out Information Security Incident Management Activities	3	9
Carrying out Information Security Incident Management Activities	4	12
Carrying out Information Security Forensic Examinations	3	6
Carrying out Information Security Forensic Examinations	4	9
Carrying out Information Security Audits	3	6
Carrying out Information Security Audits	4	12
Threat Analysis	3	12
Digital Vulnerability Assessment	3	7

Optional units Group C (minimum 12 credits required)

Unit Title	Level	Credits
Testing IT & Telecoms Systems	4	15
IT System Operation 2	4	14
IT System Operation	3	12
User Profile Administration	3	3
Remote Support for IT Products and Services	3	9
IT System Management	3	12
Investigating and Defining Customer Requirements for IT Systems	3	12
Testing IT Systems	3	12
IT Technical Advice and Guidance	3	7
IT System Management	4	15
IT System Security	4	12
IT Technical Advice and Guidance	4	12
Remote Support for IT Products and Services	4	12
Managing Software Development	3	15
Managing Software Development	4	20
Investigating and Defining Customer Requirements for IT Systems	4	15
Computer Coding	3	20

Have any questions about our Level 3 Diploma in Cyber Security Analyst?

We are here to help. If you have any further questions or enquiries about the main qualification element of the programme, please contact at info@alstraining.org.uk

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Essential Skills Qualifications

When you agree to undertake an apprenticeship, you may be required to complete Essential Skills as part of your Apprenticeship framework.

Essential Skills Wales

The Essential Skills Wales (ESW) will be initially assessed via an online Wales Essential Skills Toolkit (WEST) Assessment. Where a Learner already holds an ESW certificate or equivalent qualification this can provide an exemption and learners will not need to complete that ESW element of the programme. Where a Learner is not exempt an Individual Learning Plan (ILP) will be generated from the initial assessment. The modules delivery will include independent learning via WEST, prior to guided learning sessions preparing the Learner for their assessment. ESWs are assessed via controlled tasks and confirmatory tests for Communication and Number, Digital Literacy is assessed via a controlled task and structured discussion.

Exemptions

If you already hold qualifications, these may be used as 'exemptions' towards your apprenticeship framework. As a result, you will be exempt from achieving that particular Essential Skill, if you wish. This will be discussed with you before you sign up with us, and will also be followed up by your assessor before and during your first visit from us.

Have any questions about Essential Skills?

We are here to help. If you have any further questions or enquiries about Essential Skills element of the programme, please contact info@alstraining.org.uk