Digital and IT Skills

General Support

16th July 2024

Housekeeping



This session is being recorded

The session is being recorded, which will be sent to all attendees after the webinar.



Everyone is on mute

Everyone is on mute



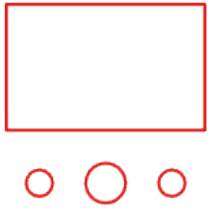
Slides

The slides will be sent to all attendees alongside the recording after the webinar



Questions

Please add your questions into the question function on the control panel. Will we endeavour to answer all questions.



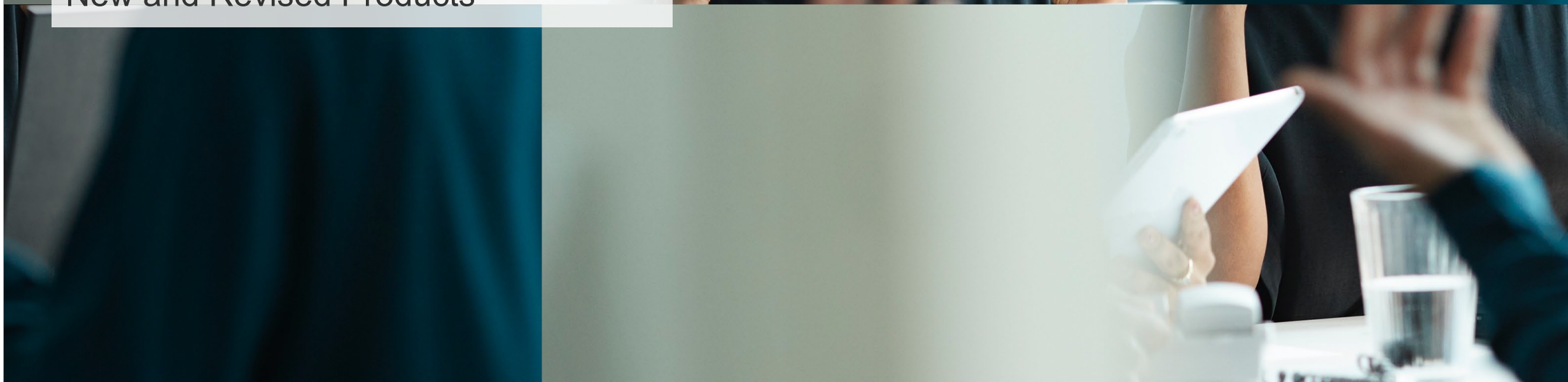
If the session cuts off

Please use the original webinar link to gain access back into the session.
To join over the telephone, select “Phone Call” in the Audio pane and the dial-in information will be displayed



Digital Standards

New and Revised Products



New and Revised Products

Revised

- ST0127 Level 4 Network Engineer
- ST0795 Level 3 Data Technician
- ST0118 Level 4 Data Analyst

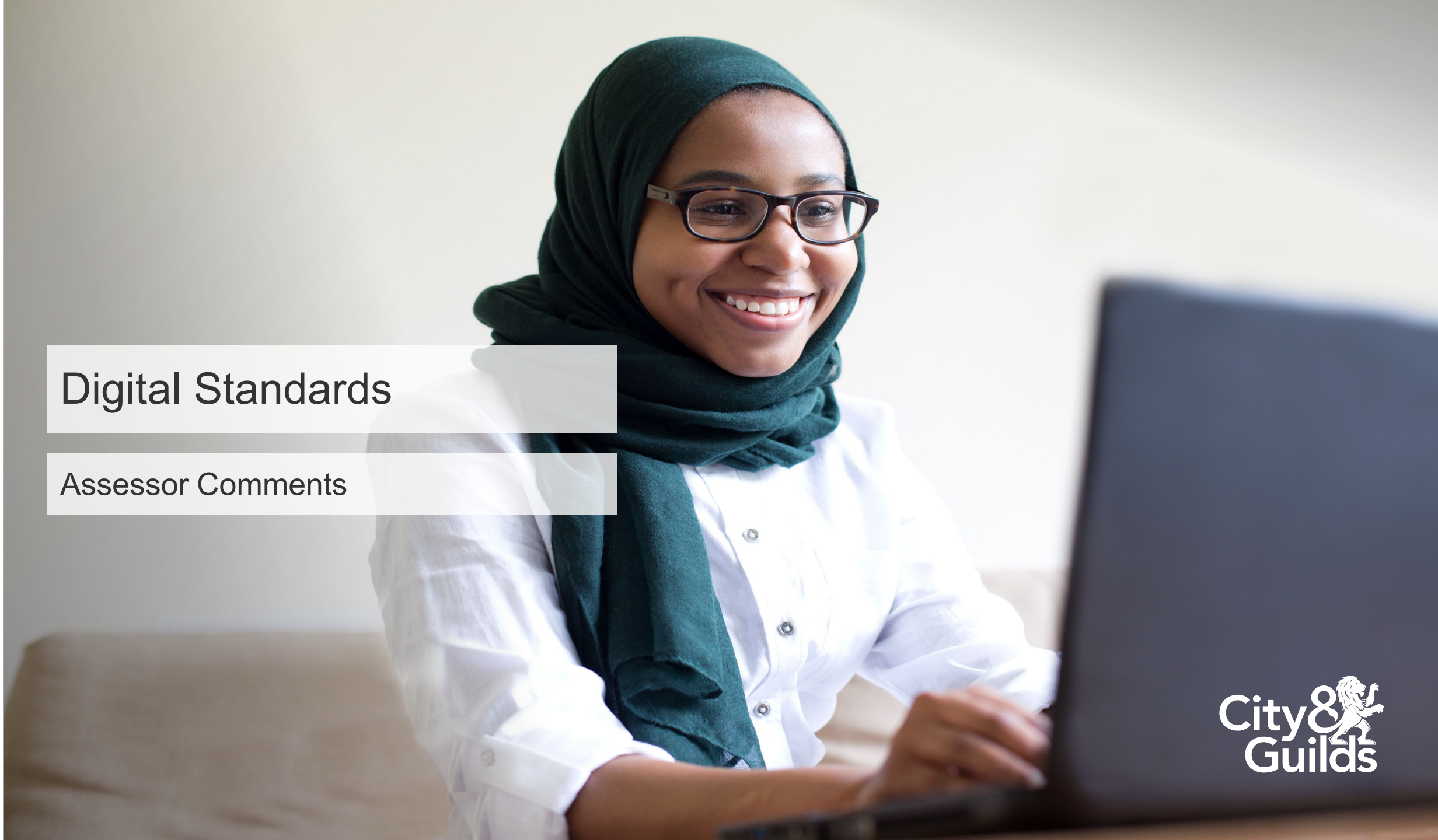
If you would like to be involved in a Trailblazer group for the proposed revisions, please do reach out to us and we will get you in contact with the relevant product manager.

New

- ST0128 Level 3 Software Development Technician
- ST0117 Level 4 Business Analyst

If you would like to be involved in this development, please do reach out to us.





Digital Standards

Assessor Comments

Assessor Comments

- **General – Naming Conventions** – Relevant naming conventions should be used in evidence uploads –clear differentiation between the Project Report and the Portfolio.
- **General – Uploads** – Uploads need to be timely. Assessment dates are planned in to ensure availability of the IEPA and also to comply with timescales set.
- **General – Evidence Matrix** – Within the Recording Forms on EPA Pro, there is an evidence Matrix to be used – ensure this is completed and uploaded.
- **General – Word Counts –** Where a word count is stated, ensure apprentices are within the tolerance of this.
- **General – Dates –** When booking assessment dates, ensure the apprentice has been given enough time to complete the project, giving 2 weeks between upload and assessment.
- **General – Portfolio Evidence –** Evidence compiled in the submitted portfolio should not be marked or assessed, if the evidence has been previously assessed, then this is not accepted. Evidence should be reviewed by the assigned IEPA only.
- **Digital Marketer – TC's & Min requirements –** Ensure all TC's are fully covered, making use of the minimum requirements.





Digital Standards

Apprenticeship Training Manuals (ATM)

Network Engineer ATM

Task 5:
Maintaining network security

Introduction

As a Network Engineer, you will need to develop an understanding of the fundamental concepts of operating securely, ensuring the confidentiality of data and system integrity. The concepts explored as part of this task include:

- applying security measures such as assigning file-level permissions
- configuring security devices such as firewalls
- intrusion detection systems (IDS)
- intrusion prevention systems (IPS)
- sharing, file and folder permissions
- users and groups.

Key terms

Active Directory (AD) – a database and set of services that allow users to access network resources.

Attack vector – the path or means by which an attacker can gain access to a network or system in order to deliver a payload or carry out malicious activities.

Authentication – the process of determining whether someone is, in fact, who they say that they are.

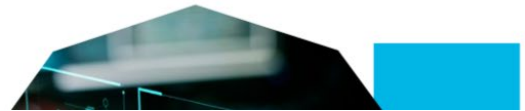
Biometric authentication – compares data from a person›s characteristics to that person›s biometric 'template' to determine if they match. If these characteristics match the stored information, they are granted access to the system.

Countermeasure – the protection that mitigates against potential risks.

Encryption – the process of converting information or data into a code, to prevent unauthorised access.

File permissions – system settings that determine who can access specified files and what they can do with those files.

Firewall – a network security system that monitors and controls incoming and outgoing network traffic based on predetermined set of security rules.



Task 5:
Maintaining network security

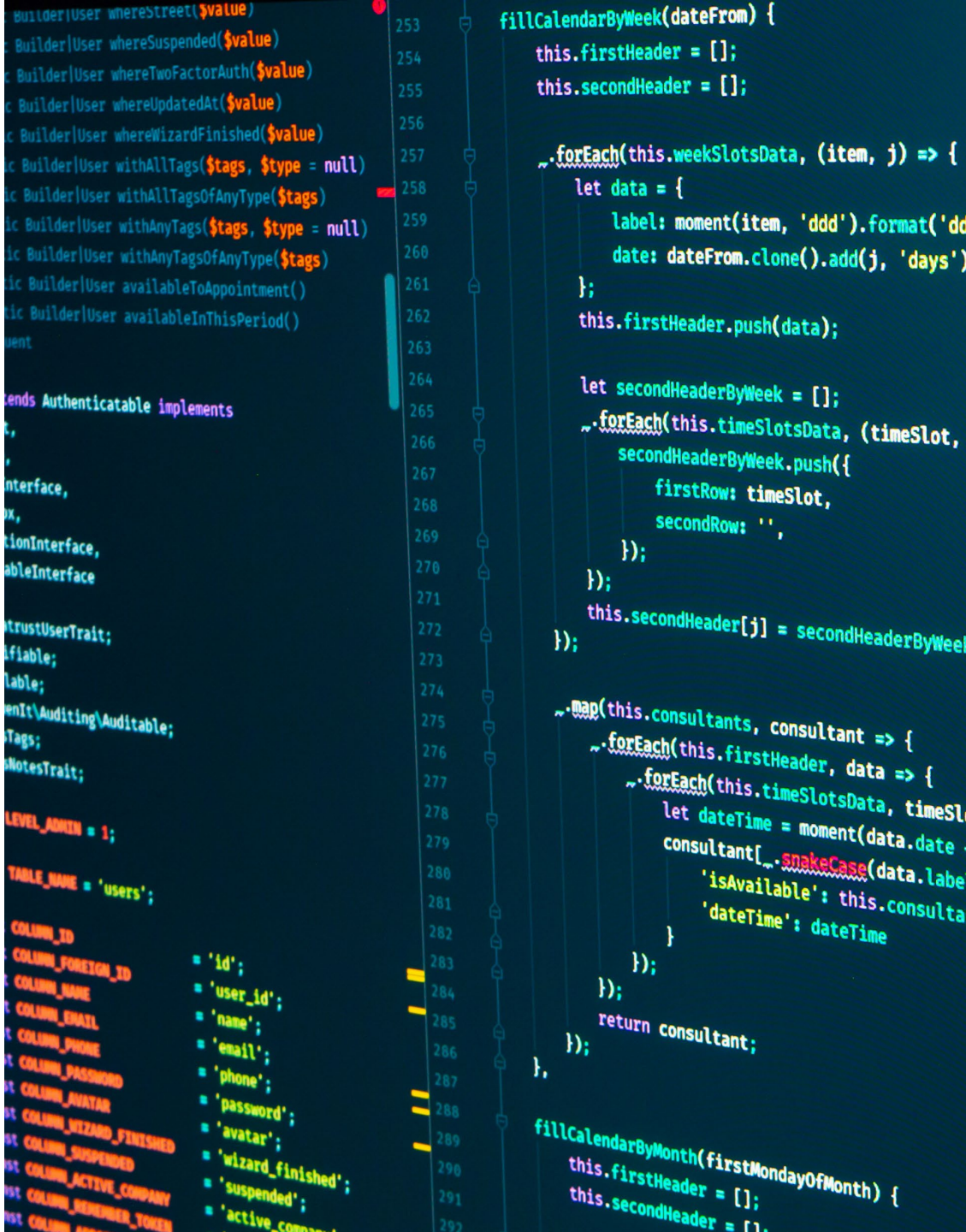
Know it (continued)

3. Describe the following threats and their impact on networks and systems.
   Type your answers in the boxes below.

Threat	Description	Impact
Advanced persistent threat (APT)		
Boot sector malware		
Brute force attack		
Denial-of-service (DOS) attack		
DNS hijacking		
Keylogging		
Ransomware		
Rootkit		
Social engineering		
Spyware		
SQL injection		
Trojan		

ATM Offering

- 9600 Level 4 Software Developer
- 9601 Level 4 Network Engineer
- 9602 Level 3 Information Communication Technician
- 9661 Level 4 Cyber Security Technologist
- 9665 Level 3 Data Technician
- 9700 Level 3 Digital Support Technician
- 9770 Level 4 Data Analyst

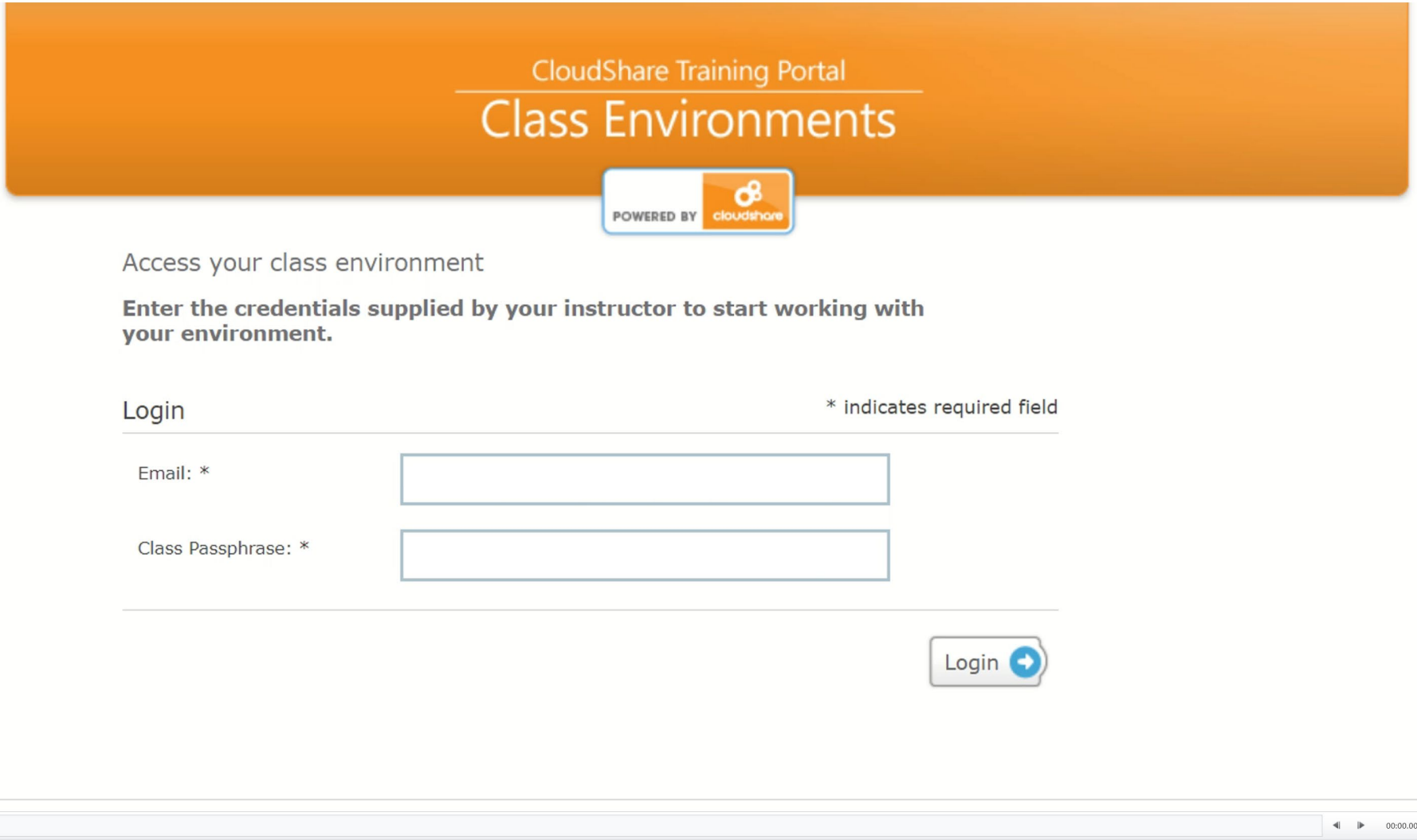




Digital Standards

CloudShare Apprentice User Guide

CloudShare Apprentice User Guide



Digital and IT Skills

Opportunities, Support and Next Steps

City & Guilds x IBM

We are hosting a Webinar 23rd July @ 11:00 where we will be launching 4 introductory learning pathways for learners to gain a greater insight into the world of careers in Digital and IT.

These short courses will be covering AI, Cybersecurity, Journey into Tech and Digital Sustainability – all will be free to sign up to.

Find out more on the launch webinar: Register



Associate Vacancies

We are looking for occupationally competent Independent End-point Assessors (IEPAs) and Lead Independent End-point Assessors (LIEPAs) to conduct End-point Assessments, as the apprentice completes their training.

Areas include (but not limited to):
- Information Communications Technician
- Cyber Security Technologist
- Data Technician
- Digital Support Technician
- Network Engineer
- Software Developer

Check out our Associate Vacancies site for Person Specifications, Task Profiles and How To Apply.

Home | City & Guilds Associate Vacancies (cityandguilds.com)



LinkedIn Group

We have a LinkedIn Group for all things Digital End-Point Assessment and Qualifications here at City & Guilds. We hope to continue to create a strong, supportive network with members from across centres, training providers and employers of all sizes. Asking questions and sharing of best practice is encouraged. The group will focus on information, resources and support for Qualifications and End-point Assessments.

To join, go to: https://lnkd.in/e94Dy3uP or scan the QR code below.



Remaining Webinars and Drop-Ins

Webinars

Wednesday 28th August – 14:00-15:00
Tuesday 1st October – 14:00-15:00
Monday 18th November – 14:00-15:00

Drop-Ins

Monday 12th August 09:00-12:00
Tuesday 24th September 13:00-16:00
Wednesday 23rd October 13:00-16:00
Monday 11th November 09:00-12:00
Monday 2nd December 09:00-12:00

All our events can be signed up to in advance with all the 2024 calendar available **here**.



Contacts

City & Guilds supports providers through their Account Manager, EPA Partnership Managers, Customer Support and the Digital Sector team.

centresupport@cityandguilds.com
OR
general.enquiries@cityandguilds.com

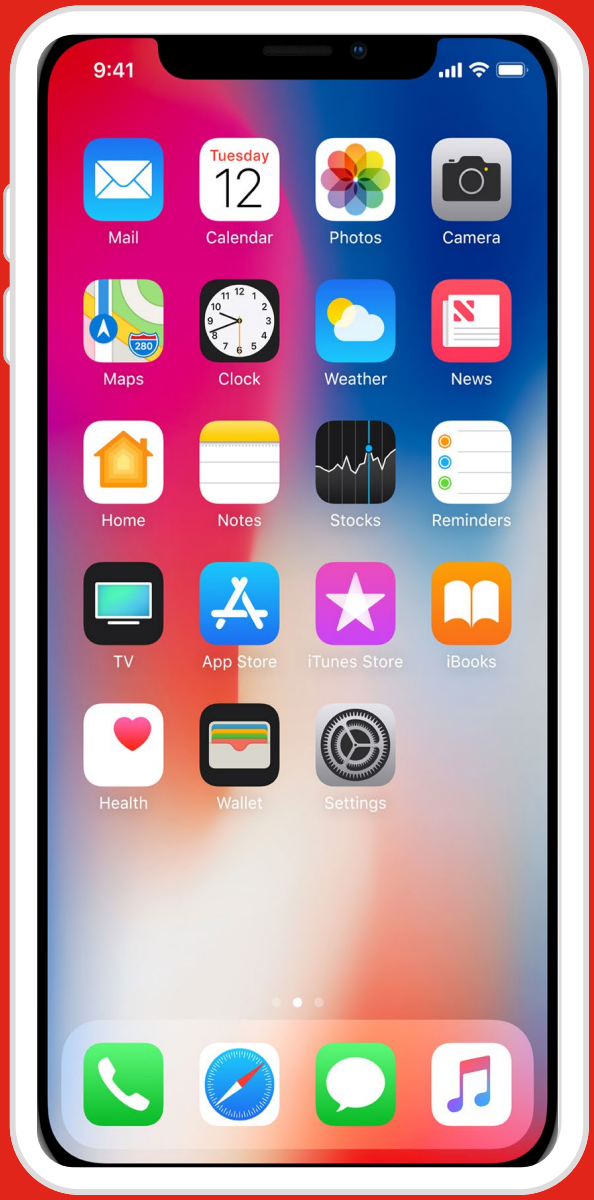
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Learner Support Number:
01924 930801

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Technical Advisor – Digital

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Keep up to date – register for email updates:
https://www.cityandguilds.com/what-we-offer/centres/email-updates

Thank you!

Any Questions?

About City & Guilds

City & Guilds is the global skills partner, empowering people, organisations and economies to develop the skills they need for growth. With almost 150 years of trusted expertise, we support people into work, help them develop on the job and move into the next job.

We work with Governments, employers, training providers, colleges and industry stakeholders to design and deliver high-quality training, qualifications, assessments and credentials that lead to meaningful career progression. We understand the life changing link between skills development, social mobility and success. Our solutions span critical sectors including construction, engineering, transport, energy and electrical, serving over 1 million learners annually.

Through our comprehensive portfolio of brands and trusted global network, we set industry-wide standards for technical, behavioural and commercial skills to improve performance and productivity. We believe you can achieve your potential - and we're here to help make it happen.

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www.cityandguilds.com/about-us

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