Australian Government

Assessment Requirements for ICTWEB421 Ensure website content meets technical protocols and standards

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- carry out checks and tests, for a mix of content for a website, to ensure that it meets specifications and standards
- check and use, correct streaming and compression techniques
- manage the file transfer protocols (FTPs)
- test and confirm, content functionality and operability.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- outline the applicability of copyright, privacy and intellectual property to website development
- explain common software compression algorithms, and associated technologies
- summarise the file transfer protocol (FTP) software protocols
- identify and summarise internet protocols
- explain the server access security principles and procedures
- outline the server operating systems
- summarise streaming technologies.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the website technologies field of work and, include access to:

- documents detailing organisational style guide or policies
- a personal computer, on which software installation may be performed
- compression and streaming software
- an internet connection
- a live network
- network components, hardware and software
- networked computers
- a server, and workstation hardware and software
- style guides, and the design brief
- technical documentation and installation manuals
- software currently used in industry
- vendor hardware and software components.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2