



Australian Government

Assessment Requirements for ICTWEB415 Produce server-side script for dynamic web pages

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:

- create dynamic web pages according to all job requirements, using server-side scripting to retrieve information from a web-hosted database
- create scripts for:
 - the quick upload of data to web-hosted databases
 - inserting, updating, and deleting data from a web server database
 - encoding passwords
 - uploading and retrieving images
 - managing sessions, and creating a secure login.

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:

- explain server-side technologies, and the relevant web scripting languages
- discuss server-side web analysis and design parameters
- summarise and apply, programming control structures and object-oriented programming
- outline web-programming concepts including:
 - the hypertext transfer protocol (HTTP)
 - stateless programming
 - session management
 - authentication and web security.

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 the:

- client requirements
- functionality and scope requirements
- security policy
- database server
- internet and server
- software development environment
- web browsers.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>