



**Australian Government**

# **Assessment Requirements for ICTWEB501 Build a dynamic website**

**Release: 1**

# Assessment Requirements for ICTWEB501 Build a dynamic website

## 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:

- analyse the technical requirements for a dynamic web site
- produce software design specifications
- create a website, using efficient and effective code to meet the technical requirements, and test and document a website against the requirements.

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:

- summarise the principles of analysis and design
- outline programming control and design structures, and object-oriented programming
- explain web programming concepts, including:
  - authentication and web security
  - hypertext transfer protocol (HTTP)
  - session management
  - stateless programming.

## 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:

- a development environment
- a server

- a database server
- 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>