



**Australian Government**

# **Assessment Requirements for ICTWEB514 Create dynamic web pages**

**Release: 1**

# Assessment Requirements for ICTWEB514 Create dynamic web pages

## Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

## Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- produce at least three dynamic web pages according to technical requirements.

In the course of the above, the candidate must:

- include client and server-side dynamic content in each web page
- create and debug code
- test web page and code on at least two different web browsers and at least two different devices
- comply with organisational and legislative standards and procedures.

## Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- web programming concepts, including:
  - authentication and web security
  - hypertext transfer protocol (HTTP)
  - session management
  - stateless programming
- types of technologies, including:
  - programming control structures
  - hypertext markup language (HTML) and markup languages
  - cascading style sheets (CSS)
  - syntax and uses of programming languages
- client and server-side scripting and its application to dynamic web page design
- data storage requirements

- debugging methods
- coding techniques
- cyber security protocols and procedures
- legislative and organisational procedures and standards applicable to creating dynamic web pages.

## Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- technical requirements
- a development environment
- a server
- a database server
- web browsers and devices
- web page testing and debugging tools required for creating dynamic web pages
- hardware, software and its components required for creating dynamic web pages.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volume Implementation Guide is found on VETNet -

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