



Australian Government

Assessment Requirements for ICTWEB514 Create 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 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>