



**Australian Government**

**Assessment Requirements for ICTWEB430  
Produce server-side script for dynamic web  
pages**

**Release: 1**

# Assessment Requirements for ICTWEB430 Produce server-side script for dynamic web pages

## Modification History

| Release   | Comments   |
|-----------|--|
| Release 1 | This version first released with ICT Information and Communications Technology Training Package Version 4.0. |

## Performance Evidence

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

- Create a dynamic web page according to one set of user requirements
- Use server-side scripting to retrieve information from a web-hosted database in two different instances
- Analyse three language options and the associated advantages and disadvantages based on web document requirements to select most appropriate language
- Configure one webserver to deliver the website using HTTPS
- Create one script for each of the following:
  - inserting, updating, and deleting data from a web server database
  - implementing security features
  - uploading and retrieving images
  - managing sessions and creating secure logins
- Test web document and undertake corrective actions to meet requirements
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## Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- Server-side technologies and at least three web scripting languages and associated advantages and disadvantages
- Server-side web analysis and design parameters
- XHTML standards
- Testing tools and processes and associated advantages and disadvantages
- Control structures and object-oriented programming
- Web-programming concepts including:
  - the hypertext transfer protocol (HTTP) and HTTP Secure (HTTPS)

- stateless programming
- session management
- authentication and web security
- database vulnerabilities and preventative software configuration and programming practices
- Organisational procedures to document test results
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## Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in an ICT working environment or workplace. This includes access to:

- Web-hosted database
- Server with software for configuration
- User requirements relating to web documents
- Software development environment
- XHTML standards
- Individual users as well as superior in the organisation

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

## Links

Companion Volume Implementation Guides are available from VETNet -

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