# ICTWEB502 Create dynamic web pages

**Release: 1**

# ICTWEB502 Create dynamic web pages

## Modification History

| Release | Comments |
| --- | --- |
| Release 1 | This version first released with ICT Information and Communications Technology Training Package Version 1.0. |

## Application

This unit describes the    skills and knowledge required to produce both server and client-side content.

It applies to individuals working as web developers who are responsible for creating dynamic pages to provide interaction between the user and the website. They use highly developed technical and analytical skills when developing the user-website interface.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Unit Sector

Web

## Elements and Performance Criteria

| ELEMENT | PERFORMANCE CRITERIA |
| --- | --- |
| *Elements describe the essential outcomes.* | *Performance criteria describe the performance needed to demonstrate achievement of the element.* |
| 1. Identify the client and server-side dynamic content | 1.1 Review the technical requirements<br><br>1.2 Identify the sections of the website, requiring client-side dynamic content<br><br>1.3 Identify the sections of the website, requiring server-side dynamic content<br><br>1.4 Select the appropriate languages and technology to meet the requirements |
| 2. Create the dynamic content | 2.1 Create pages using the appropriate languages<br><br>2.2 Ensure that the code conforms to current industry best practice |

| ELEMENT | PERFORMANCE CRITERIA |
|---|---|
|  | and standards |
| 3. Test the dynamic pages | 3.1 Test the website in a variety of browsers |
|  | 3.2 Ensure that the required dynamic content functions according to the specified requirements |

## Foundation Skills

*This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.*

| Skill | Performance Criteria | Description |
|---|---|---|
| Reading | 1.1, 3.2 | • Critically analyses documentation from a variety of sources and records, and consolidates information, to determine requirements |
| Writing | 2.1 | • Prepares documentation expressing ideas, explores complex issues, and is constructed logically, succinctly and accurately<br>• Writes and edits computer code, and technical data, to ensure the correct syntax and accuracy |
| Navigate the world of work | 2.1 | • Takes full responsibility for following policies, procedures and standards |
| Get the work done | 1.2-1.4, 3.1, 3.2 | • Accepts responsibility for planning and sequencing complex tasks and workload, negotiating key aspects with others and taking into account capabilities, efficiencies and effectiveness<br>• Applies systematic and analytical decision-making processes for complex and non-routine situations<br>• Uses and investigates new digital technologies, and applications, to manage and manipulate data, and to communicate effectively with others in a secure and stable digital environment |

PwC's Skills for Australia

## Unit Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|---|---|---|---|
| ICTWEB502 Create dynamic web pages | ICAWEB502A Create dynamic web pages | Updated to meet Standards for Training Packages | Equivalent unit |

## Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2