



**Australian Government**

# **ICTWEB414 Design simple web page layouts**

**Release: 1**

# ICTWEB414 Design simple web page layouts

## 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 scope web page requirements, and to create and implement designs.

It applies to individuals working as web designers and web developers, who apply a wide range of knowledge and skills for basic web development.

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                                                                                   |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>           | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i> |
| 1. Identify main layout sections from design specification | 1.1 Identify the required sections of the web page<br>1.2 Create the web page structure                |
| 2. Layout the web page to match design specification       | 2.1 Position document elements<br>2.2 Style web page elements to match the design specifications       |
| 3. Test and validate the layout                            | 3.1 Test the website in various browsers<br>3.2 Validate the web pages against industry standards      |

## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Learning                   | 1.1                     | <ul style="list-style-type: none"> <li>Identifies and explores, the connections between ideas and methodologies to extend the understanding of requirements</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                             |
| Reading                    | 2.2, 3.2                | <ul style="list-style-type: none"> <li>Recognises and interprets textual information, in order to determine and adhere to, requirements</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Writing                    | 1.1                     | <ul style="list-style-type: none"> <li>Develops clear and well-organised material for a specific audience, using precise language to convey explicit information, and requirements</li> </ul>                                                                                                                                                                                                                                                                                                                                                                      |
| Oral Communication         | 1.1                     | <ul style="list-style-type: none"> <li>Clearly articulates requirements, using the language appropriate to the audience and environment, and participates in a verbal exchange of ideas/solutions</li> </ul>                                                                                                                                                                                                                                                                                                                                                       |
| Numeracy                   | 1.2, 2.1                | <ul style="list-style-type: none"> <li>Takes measurements, and performs calculations for the web page layout</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Navigate the world of work | 3.2                     | <ul style="list-style-type: none"> <li>Identifies and acts on issues that contravene the relevant industry standards</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Get the work done          | 1.2, 2.1, 2.2, 3.1, 3.2 | <ul style="list-style-type: none"> <li>Takes responsibility for planning, sequencing, and prioritising tasks and own workload, for efficiency and effective outcomes</li> <li>Addresses less predictable problems, and initiates standard procedures in response to these problems, applying problem-solving processes in determining a solution</li> <li>Uses familiar digital technologies and systems to access information, search and enter data, and code, present information and communicate with others, cognisant of data security and safety</li> </ul> |

## Unit Mapping Information

| Code and title current version | Code and title previous version | Comments   | Equivalence status |
|--------------------------------|---------------------------------|------------|--------------------|
| ICTWEB414                      | ICAWEB414A                      | Updated to | Equivalent         |

| <b>Code and title<br/>current<br/>version</b> | <b>Code and title<br/>previous<br/>version</b> | <b>Comments</b>                               | <b>Equivalence<br/>status</b> |
|-----------------------------------------------|------------------------------------------------|-----------------------------------------------|-------------------------------|
| Design<br>simple web<br>page layouts          | Design simple<br>web page<br>layouts           | meet<br>Standards<br>for Training<br>Packages | unit                          |

## Links

Companion Volume implementation guides are found in VETNet -

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

# Assessment Requirements for ICTWEB414 Design simple web page layouts

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## Performance Evidence

Evidence of the ability to:

- develop a website according to design specifications
- lay out page elements
- test the web pages in a variety of browsers
- validate the web pages, against industry standards.

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 standard web and web scripting design principles
- define and explain the application of the following for website development:
  - cascading style sheets (CSS)
  - the hypertext transfer protocol (HTTP)
  - a markup language, such as hypertext markup language (HTML), or extensible hypertext markup language (XHTML)
  - World Wide Web Consortium (W3C) standards.

## 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 computer
- an aesthetic presentation brief

- a variety of browsers
- the internet, to validate against the W3C.

Assessors must satisfy NVR/AQTF assessor requirements.

## Links

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