



Australian Government

ICTWEB304 Build simple web pages

Release: 2

ICTWEB304 Build simple web pages

Modification History

Release	Comments
Release 2	This version first released with ICT Information and Communications Technology Training Package Version 8.0. Minor update of unit of competency. Amended typographical error in third bullet point of Knowledge Evidence.
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to use an integrated development environment (IDE) to create, modify and test, simple web pages and web content, according to client requirements.

The unit applies to those who are responsible for creating and maintaining simple websites.

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 authoring and task requirements	1.1 Select preferred integrated development environment (IDE) according to client requirements 1.2 Set preferences for IDE, including site file transfer protocol client
2. Organise required files	2.1 Create, maintain and save files in required location or directory 2.2 Access and use a range of features in IDE 2.3 Confirm use of IDE with required personnel

	2.4 Maintain directory structure for site 2.5 Upload files to required folder using file transfer protocol (FTP)
3. Add content and simple navigation to web pages	3.1 Insert and format text content according to client requirements 3.2 Insert images, data tables and simple forms 3.3 Access markup language and make basic modifications to code 3.4 Create sitemap and plan navigation 3.5 Seek feedback on work performed from required personnel and amend accordingly 3.6 Create links between pages using text and images
4. Test and finalise web pages	4.1 Test elements of website content across multiple browsers and browser versions 4.2 Confirm web page meets client and web content accessibility guidelines 4.3 Evaluate test results and confirm website meets client requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	Interprets a range of technical specifications and other information and determines solutions according to client requirements
Writing	Creates files using software and applicable technical language
Self-management	- Identifies and confirms own role and responsibility and complies with specific client requirements - Takes responsibility for planning, sequencing and prioritising tasks within own workload - Makes some critical and non-critical decisions within mostly familiar situations, to develop and test, functional websites according to client requirements - Initiates connections with others through verbal or nonverbal communication and responds as required
Technology	Identifies and confirms purposes, specific functions and key features of common digital systems and tools

Unit Mapping Information

Supersedes and is equivalent to ICTWEB302 Build simple websites using commercial programs.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for ICTWEB304 Build simple web pages

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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:

- create a website with at least three different web pages according to client requirements using applicable features of a selected integrated development environment.

In the course of the above, the candidate must:

- create and maintain files and upload them to required locations and servers
- test consistency and security of created web content.

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:

- legislative requirements applicable to developing simple web content
- web content accessibility guidelines including The World Wide Web Consortium (W3C)
- web navigation functions required in supporting web content functionality, including links between pages
- features of web authoring tools used for web page design
- website publishing and markup languages
- file transfer protocol (FTP) function
- common browsers used for accessing the web
- basic coding techniques
- site map creation methods

- website testing methodologies
- organisational procedures applicable to creating web pages.
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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 a working environment in this industry.

This includes access to:

- client specifications
- required hardware and software components
- selected integrated development environment (IDE)
- web servers and browsers
- storage media
- required FTP client software
- secure passwords and access procedures.

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

Links

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