



Australian Government

ICTWEB429 Create a markup language document to specification

Release: 1

ICTWEB429 Create a markup language document to specification

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 use a text editor to design, create and save web pages to a given specification, rather than using an authoring tool.

It applies to individuals working as web designers and developers who interpret client briefs, generate a framework for internet information, and are resourceful in their application of technology in using a markup language.

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. Analyse the specifications and requirements	1.1 Determine the uses and audience of the document 1.2 Determine the appropriate markup language, based on the document's uses and audience, and current industry best practice 1.3 Determine the document structure
2. Create the document structure	2.1 Create and assign the basic elements of the document, taking into account accessibility 2.2 Mark-up the sections of the document required to describe the structure

ELEMENT	PERFORMANCE CRITERIA
3. Incorporate the web page components	3.1 Identify the web page components 3.2 Evaluate suitable web page components 3.3 Include the required web page components
4. Validate the documents	4.1 Validate the markup language document, against the specifications and record the outcomes 4.2 Validate the markup language document in different browsers for compatibility, and record the outcomes

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	1.3, 4.1, 4.2	Identifies, analyses and evaluates instructions, technical information and industry guidelines, to determine client needs and business requirements
Writing	1.3, 2.1, 2.2, 3.3, 4.1, 4.2	- Produces documentation for a specific audience, using clear and detailed language in order to convey explicit information - Writes, edits and proofreads documents to ensure clarity of meaning, and accuracy and consistency of information
Navigate the world of work	1.2	Takes personal responsibility for following explicit and implicit policies, procedures and industry best practice
Get the work done	1.1, 1.2, 3.1, 3.2, 4.1, 4.2	- Takes responsibility for planning, sequencing and prioritising tasks and own workload, for efficiency and effective outcomes - Makes routine decisions and implements standard procedures for routine tasks, using formal decision-making processes for more complex and non-routine situations - Addresses less predictable problems and initiates standard procedures in response to these problems, applying problem-solving processes in determining a solution - 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
--	--	---

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTWEB429 Create a markup language document to specification	ICAWEB429A Create a markup language document to specification	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>

Assessment Requirements for ICTWEB429 Create a markup language document to specification

Modification History

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

Performance Evidence

Evidence of the ability to:

- design, create and save a document using a markup language, without using an automated code generation program
- use a text editor for generating the markup language code for use on common web browsers
- validate the markup document against the standards set by the World Wide Web Consortium (W3C).

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:

- recognise and outline the use of markup languages including:
 - dynamic hypertext markup language (DHTML)
 - hypertext markup language (HTML)
 - standard generalised markup language (SGML)
 - virtual reality modelling language (VRML)
 - extensible hypertext markup language (XHTML)
 - extensible markup language (XML)
- identify and describe, standards applicable to a markup language
- summarise the range of available web browsers and their accessibility
- identify and describe, the issues of accessibility.

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:

- an organisational style guide or policy
- all user requirements
- a text editor
- a range of browsers
- the internet, to validate the markup.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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