



Australian Government

ICTWEB409 Develop cascading style sheets

Release: 1

ICTWEB409 Develop cascading style sheets

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 develop cascading style sheets (CSS) that are attached to a markup language document, in order to externally define, and control, styles to enhance and achieve commonality between web documents.

It applies to individuals who are required to layout and ensure consistency of appearance between web pages.

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. Format, style and lay out the elements on a web page	1.1 Obtain user requirements 1.2 Style the elements of a web page using CSS 1.3 Apply CSS to multiple pages in a website 1.4 Position the document elements using CSS
2. Test and validate the web pages	2.1 Test the website in various browsers 2.2 Validate CSS against industry standards 2.3 Report the test results to the appropriate person

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	1.1-1.3, 2.1, 2.2	Identifies, interprets and uses information from technical and business documents to complete a work task
Writing	1.1-1.4, 2.3	Uses specific software and technical language to create, format, review, save and access web- based documents, diagrams and images
Oral Communication	1.1, 2.3	- Identifies work outcomes through open-ended questioning, active listening, paraphrasing and summarising - Uses clear and detailed verbal language in order to convey explicit information
Numeracy	1.2-1.4	- Extracts and evaluates the mathematical information embedded in a range of tasks and texts - Takes measurements and performs calculations for website layout
Navigate the world of work	1.1, 2.2	Completes work to user requirements and industry standards
Get the work done	1.1-1.4, 2.1-2.3	- Sequences and schedules complex activities within the specified timeframe, monitors implementation, and manages relevant communication - Analyses documentation in order to apply and obtain desired results, and to resolve problems - Utilises a combination of lateral and analytical thinking, to design and refine solutions that are adaptable to different contexts - Uses a range of digitally-based technologies, and the software packages and hardware required

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status

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ICTWEB409 Develop cascading style sheets	ICAWEB409A Develop cascading style sheets	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 ICTWEB409 Develop cascading style sheets

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Performance Evidence

Evidence of the ability to:

- develop a website style and format, using cascading style sheets (CSS), to user requirements
- lay out page elements, using CSS
- test web pages in a variety of browsers
- validate the CSS 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:

- discuss standard web and CSS design principles
- identify and describe the application of the following to CSS:
 - hypertext transfer protocol (HTTP)
 - hypertext mark-up language (HTML)
 - extensible hypertext mark-up language (XHTML)
 - industry standards for web design
- recognise a range of internet browsers.

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 should be typical of those experienced in the website technologies field of work and, include access to:

- special purpose tools, equipment and materials

- industry software packages
- a computer
- a variety of web browsers
- the organisational requirements documentation including:
 - an aesthetic presentation brief
 - website manuals
 - HTML documents
- the internet, for access to the World Wide Web Consortium (W3C).

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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