



Australian Government

ICTWEB520 Develop complex cascading style sheets

Release: 1

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Modification History

Release	Comments
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 develop complex cascading style sheets (CSS) that are attached to a markup language document.

It applies to individuals working as web designers and developers, who are involved in the layout and appearance of web pages have a highly developed understanding of design principles and software languages and can apply protocols and standards proficiently.

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. Determine CSS requirements	1.1 Identify and confirm applicable legislative and organisational standards and procedures applicable to CSS development 1.2 Identify and review user style requirements 1.3 Evaluate and select applicable markup language according to technical requirements
2. Develop CSS and web pages	2.1 Create CSS according to technical requirements 2.2 Style, lay out and position document elements of web page using advanced CSS techniques 2.3 Apply style sheets to applicable web pages in a website
3. Test and validate CSS and web pages	3.1 Debug web page and CSS and confirm security using cyber security procedures and protocols

ELEMENT	PERFORMANCE CRITERIA
	3.2 Test website in various browsers and devices 3.3 Rectify browser and device differences and confirm accessibility of website 3.4 Confirm user requirements are met and obtain sign-off from required personnel

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
Numeracy	Takes measurements and performs calculations for web page layout
Oral communication	Uses listening, questioning and summarising techniques to clarify job specifications with required personnel
Reading	Identifies and analyses technical, workplace and industry information, and confirms all job requirements are met
Writing	Develops organised technical material for specific audiences using required language
Planning and organising	- Accepts responsibility for planning and sequencing complex tasks and workload - Negotiates key aspects with others, including required capabilities, efficiencies and effectiveness
Problem solving	Applies systematic and analytical decision-making processes for complex situations
Self-management	Takes responsibility for following policies, procedures and industry standards
Technology	- Uses and investigates new digital technologies and applications - Manages and manipulates data, and communicate with others in a secure and stable digital environment

Unit Mapping Information

Supersedes and is equivalent to ICTWEB506 Develop complex cascading style sheets.

Links

Companion Volume Implementation Guide is found on VETNet -

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