ICTWEB516 Research and apply emerging web technology trends

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 1.0.

Application

This unit describes the skills and knowledge required to keep up-to-date and apply emerging web technologies.

It applies to individuals who have an understanding of internet technology, are highly skilled technicians, and have high-level knowledge of the principles of analysis and design.

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
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Identify emerging web technology trends and their uses	1.1 Review new developments in web technology 1.2 Identify the appropriate web technology to meet the needs of the web application
2. Implement new web technology trends in a portfolio	2.1 Create the code to apply the web technology 2.2 Test the web application in a variety of browsers, and rectify any problems that arise

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, 1.2	• Critically analyses complex information from a variety of sources, and consolidates information, relating to specific criteria to determine the requirements
Writing	2.1	• Writes and edits, computer code and technical data, ensuring the correct syntax and accuracy
Get the work done	1.2, 2.2	• Accepts responsibility for planning and sequencing complex tasks and workload, negotiating key aspects with others while taking into account capabilities, efficiencies and effectiveness • Investigates new and innovative ideas as a means to improve work practices and processes • Uses and investigates new digital technologies and applications, to manage and manipulate data, and to communicate effectively with others in a secure, and stable, digital environment

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTWEB516 Research and apply emerging web technology trends	ICAWEB516A Research and apply emerging web technology trends	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2