



**Australian Government**

# **ICTWEB416 Customise content management system**

**Release: 1**

## ICTWEB416 Customise content management system

### 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 create and integrate, a website into an open-source content management system.

It applies to individuals working as web developers who apply a wide range of knowledge and skills, across ICT, to support small to medium enterprises (SMEs) that require broader, rather than more specialised, ICT support.

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 required functionality of the website 1.2 Determine the appropriate server-side language that will be used to produce the website 1.3 Determine the content structure and navigation of the website 1.4 Determine the pre-existing restraints that need to be considered when developing a website solution
2. Research the requirements	2.1 Research the appropriate solutions, based on website requirements, including the programming language, content management system (CMS), licensing structure and hosting

ELEMENT	PERFORMANCE CRITERIA
	structure 2.2 Research the techniques, plug-ins and additions to the existing content management system, in order to allow the solution to fulfil the needs determined while analysing website requirements
3. Create a content-management system powered website	3.1 Install and configure the chosen CMS 3.2 Insert and manage, the website content 3.3 Install and implement the appropriate techniques, and plug-ins
4. Validate and evaluate the final website	4.1 Validate the final website markup against current website standards 4.2 Validate the content management system performance in different browsers, checking compatibility, and core content management system functionality

## 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
Learning	1.1, 1.2, 1.4, 2.1, 2.2	<ul style="list-style-type: none"> <li>Researches, analyses and validates information to determine the best solution for client requirements, and builds on prior knowledge to extend understanding</li> </ul>
Reading	1.1, 1.2, 2.1, 2.2	<ul style="list-style-type: none"> <li>Identifies, analyses and evaluates industry standards, workplace instructions, online and other technical documentation, to determine all business requirements</li> </ul>
Writing	3.2	<ul style="list-style-type: none"> <li>Develops clear and well-organised material for a specific audience, using precise language to convey explicit information requirements, and recommendations</li> </ul>
Oral Communication	1.1, 1.2	<ul style="list-style-type: none"> <li>Clearly articulates requirements, using language appropriate to the audience and participates in a verbal exchange of ideas/solutions</li> </ul>
Navigate the world of work	2.1	<ul style="list-style-type: none"> <li>Takes personal responsibility for following explicit and implicit requirements for licencing policies, procedures and regulatory requirements</li> </ul>
Get the work	1.1-1.4, 2.1-2.2,	<ul style="list-style-type: none"> <li>Takes responsibility for planning, sequencing and prioritising tasks and own workload, for efficiency and</li> </ul>

done	3.1-3.3, 4.1, 4.2	<p>effective outcomes</p> <ul style="list-style-type: none"> <li>• Makes routine decisions and implements standard procedures for routine tasks, using formal decision-making processes for more complex and non-routine situations</li> <li>• Addresses less predictable problems, and initiates standard procedures in response to these problems, applying problem-solving processes in determining solutions</li> <li>• 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</li> </ul>
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## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTWEB416 Customise content management system	ICAWEB416A Customise content management system	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>