

	UNIT ID: 2319
Domain	WEB DEVELOPMENT
Title:	Demonstrate an understanding of Content Management System (CMS)
Level: 5	Credits:10

Purpose

This unit standard is intended for those who demonstrate an understanding of Content Management System (CMS). People credited with this unit standard are able to demonstrate basic understanding of Content Management System (CMS), perform basic Content Management System (CMS) configuration, demonstrate an understanding of basic Content Management System (CMS) taxonomy, demonstrate an understanding of basic website development using Content Management System (CMS), Demonstrate an understanding of web page content and articles, demonstrate an understanding of Content Management System (CMS) user management and security.

This unit standard is intended for those who work as web developers.

Special Notes

1. Entry information:

Prerequisite:

- None

2. This unit standard is to be delivered and assessed in the context of information and communication technology.
3. Assessment evidence may be collected from a real or a simulated workplace in which ICT operations are carried out.
4. Tools and equipment may include but are not limited to computer, external devices, storage devices and basic computer applications.
5. Glossary of terms
 - *Content Management System (CMS) refers to a software application or set of related programs that are used to create and manage digital content.*
6. Performance of all elements in this unit standard must comply with industry standards.
7. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act 2007(Act No 11, 2007)

- Regulations relating to the health and safety of employees at work under schedule 1 (2) of the Labour Act No.11 of 2007 and all subsequent amendments.

Quality Assurance Requirements

This unit standard and others within this sub-field may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority on www.namqa.org and the Namibia Training Authority on www.nta.com.na

Elements and Performance Criteria

Element 1: Demonstrate basic understanding of Content Management System (CMS)

Range:

Content Management System (CMS) may include but not limited to WordPress, Joomla, Typo3 and Drupal.

Performance Criteria

- 1.1 Content Management System (CMS) is explained.
- 1.2 Significance and use of CMS is explained.
- 1.3 Open source CMS is outlined.
- 1.4 Commercial CMS is outlined.

Element 2: Perform basic Content Management System (CMS) configuration

Range

Hosting system requirements may include but not limited to storage capacity, processing capacity and bandwidth.

Performance Criteria

- 2.1. Hosting system requirements are outlined.
- 2.2. CMS is downloaded and installed according to instruction.
- 2.3. CMS configuration is explained and demonstrated.
- 2.4. CMS initial settings are explained and demonstrated.

- 2.5. CMS backend portal are demonstrated.
- 2.6. CMS client portal are demonstrated.

Element 3: Demonstrate an understanding of basic Content Management System (CMS) taxonomy

Performance Criteria

- 3.1 CMS structure elements are defined and demonstrated.
- 3.2 CMS categories are explained and demonstrated.
- 3.3 CMS sub categories are explained and demonstrated.
- 3.4 CMS featured layouts are explained.
- 3.5 CMS category access rights are explained.

Element 4: Demonstrate an understanding of basic website development using Content Management System (CMS)

Performance Criteria

- 4.1 CMS menu is explained and demonstrated.
- 4.2 CMS pages are demonstrated.
- 4.3 CMS templates are explained and demonstrated.
- 4.4 CMS template positions are defined and explained in terms of content layout.
- 4.5 CMS modules are explained.
- 4.6 CMS components are explained and demonstrated.
- 4.7 CMS plugins are explained and demonstrated.

Element 5: Demonstrate an understanding of web page content and articles

Performance Criteria

- 5.1 Home page is identified and described.
- 5.2 Pages are created and edited according to instruction.
- 5.3 Page types are identified and demonstrated.

- 5.4 Articles are created and edited in correct category.
- 5.5 Featured articles are identified and demonstrated.
- 5.6 Static pages are identified and demonstrated.

Element 6: Demonstrate an understanding of Content Management System (CMS) user management and security

Performance Criteria

- 6.1 Article access rights and permissions are applied.
- 6.2 Page access rights and permissions are demonstrated.
- 6.3 CMS security threats are identified.
- 6.4 Online form security features are described and demonstrated.
- 6.5 Website vulnerabilities are reviewed and documented.
- 6.6 User accounts are created.
- 6.7 User permission and access rights are granted.

Registration Data

Subfield:	Information and Communication Technology
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