

Specification of Competency Standards
for the Information & Communications Technology Industry
Unit of Competency

Functional Area - Operations Management

Title	Observe digital rights management
Code	108012L2
Description	This unit of competency applies to Digital Media Technology (DMT) practitioners. DMT practitioners should understand the importance of Digital Rights Management (DRM) and its access control technologies to secure digital media contents against unauthorized access and unlawful distribution.
Level	2
Credit	3
Competency	<p>Performance Requirements</p> <p>1. Knowledge for understanding digital rights management:</p> <ul style="list-style-type: none"> • Possess good literacy skill that can understand technical and non-technical documents • Possess good knowledge of the organisation's security policies • Understand the importance of information security and assurance for protecting the confidentiality, integrity and availability of information <p>2. Observe digital rights management:</p> <ul style="list-style-type: none"> • Comprehend the digital media production requirements • Understand how DRM is designed to manage copying by using various automation and surveillance technologies to identify contents and technologically enforce certain licensing conditions • Apply possible DRM techniques to protect digital media files / multimedia contents, including the following : <ul style="list-style-type: none"> ○ Encryption ○ Authentication ○ Access control ○ Digital watermarking ○ Tamper-resistant hardware and software ○ Risk management architectures • Observe an appropriate balance between DRM and privacy • Follow the laws related to DRM, such as: <ul style="list-style-type: none"> ○ Digital Millennium Copyright Act ○ EU Copyright Directive <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Apply the best practices of using DRM technologies to prevent unauthorized copying, sharing, piracy and other violations of service terms and partner agreements
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none"> • Fully grasp the DRM requirements needed for the digital media contents • Apply all available DRM technologies for the digital media contents • Follow the laws related to DRM
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