



Australian Government

CUAPHI513 Employ colour management in a digital imaging workplace

Release: 1

CUAPHI513 Employ colour management in a digital imaging workplace

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 2.0.

Application

This unit describes the skills and knowledge required to manage the integrity of colour across digital imaging devices.

It applies to individuals who apply self-directed technical skills and knowledge to manage the accuracy and consistency of colour in digital and hybrid (digitised or scanned film or print) work processes.

No licensing, legislative or certification conditions apply to this unit at the time of publication.

Unit Sector

Visual communication – photo imaging

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. Research principles and techniques for control of digital colour	1.1 Identify charts, measurements, spaces, models and systems, and industry standards relevant to colour in digital imaging contexts 1.2 Examine how colour is created, defined and managed in digital imaging devices 1.3 Investigate areas of capture, display, output and archive spaces in digital imaging devices 1.4 Document sources of information on colour management and standards
2. Apply colour	2.1 Identify and select appropriate calibration devices, profiling techniques and closed loop systems for managing colour in specific

ELEMENT	PERFORMANCE CRITERIA
management systems	digital imaging devices 2.2 Evaluate selected colour management systems and techniques for suitability and cost efficiency 2.3 Adopt and adapt selected colour management systems to digital workplace
3. Review and update colour management strategies	3.1 Review performance and assess impact of adapted colour management systems and strategies in digital workplace 3.2 Develop systems to update and respond to future colour management systems and strategies as they arise from emerging technologies and workplace practices

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, 1.3	Interprets and evaluates complex technical and theoretical information for application to colour management in digital imaging work practice
Writing	1.4	Records sources of information and required standards for future use
Numeracy	2.2	Calculates the cost efficiency of processes and techniques
Navigate the world of work	1.1	Meets workplace expectations to apply industry colour management standards to digital imaging work
Get the work done	1.1-1.3, 2.1-2.3, 3.1, 3.2	- Plans, organises and undertakes tasks required to investigate the application and operation of colour management processes and technologies - Researches colour management systems to inform critical decisions about selection, adaptation and use of systems and techniques in own digital workplace - Reviews the effectiveness of decisions to implement and refine colour management processes in the workplace - Establishes processes to maximise opportunities and responses to changes in colour management systems

		and strategies as they evolve
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAPHI513 Employ colour management in a digital imaging workplace	CUVPHI529A Employ colour management in a digital imaging workplace	Updated to meet Standards for Training Packages. Minor edits to elements and performance criteria.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>

Assessment Requirements for CUAPHI513 Employ colour management in a digital imaging workplace

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Performance Evidence

Evidence of the ability to:

- document research into the principles and techniques of digital colour management
- evaluate digital colour management systems and strategies, and select a system to apply in a digital imaging context
- manage digital colour across a range of digital devices to achieve consistent quality in products
- evaluate outcomes and document ways to respond to future changes or opportunities.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- explain how colour is created, defined and managed in digital imaging devices
- describe how common colour charts, spaces, measurement, systems and models are used in photo imaging
- outline the key industry standards that apply to colour measurement and management
- describe typical issues that may arise in managing digital colour and briefly outline solutions
- identify trends and emerging technologies that may have impact on colour management systems.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in creative arts industry environments. The assessment environment must include access to:

- an environment where a range of digital imaging devices and colour management systems can be applied.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational educational and training legislation, frameworks and/or standards.

Links

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