



Australian Government

CUAPHI523 Employ colour management in a digital imaging workplace

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Application

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

The unit applies to those 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 credible information on colour management and standards
2. Apply colour management systems	2.1 Identify and select required calibration devices, profiling techniques and closed loop systems for managing colour

ELEMENT	PERFORMANCE CRITERIA
	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 those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	Interprets and evaluates complex technical and theoretical information
Writing	Records sources of information and required standards for future use
Numeracy	Calculates the cost efficiency of processes and techniques
Self-management	Applies industry colour management standards according to workplace expectations
Planning and organising	- Plans, organises and undertakes tasks required to investigate the application and operation of colour management processes and technologies - Establishes processes to maximise opportunities and responses to changes in colour management systems and strategies as they evolve

Unit Mapping Information

Supersedes and is equivalent to CUAPHI513 Employ colour management in a digital imaging workplace.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for CUAPHI523 Employ colour management in a digital imaging workplace

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- apply colour management techniques according to at least two different project specifications.

In the course of the above, the candidate must:

- document research into the principles and techniques of digital colour management
- evaluate digital colour management systems and strategies
- select required systems to apply to imaging work
- 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.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- procedures and processes for creating, defining and managing colour in digital imaging devices
- procedures for using common colour charts, spaces, measurement, systems and models in photo imaging
- key industry standards that apply to colour measurement and management
- typical issues that may arise in managing digital colour and solutions for managing them
- trends and emerging technologies that may have impact on colour management systems.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes 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 education and training legislation, frameworks and/or standards.

Links

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