



Australian Government

CUAPHI412 Apply photo imaging lighting techniques

Release: 1

CUAPHI412 Apply photo imaging lighting techniques

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 set up, select and apply lighting to a range of subjects in different work spaces.

It applies to individuals who use light and shoot photos in a variety of contexts, including the fashion industry, advertising, live entertainment and screen and media, as well as those who use photography as a creative medium.

Testing and tagging of electrical equipment must be carried out by a person with the relevant certificate of competency according to the performance specifications of Australian Standard 3760: 2000 In-service safety inspection and testing of electrical equipment and Australian Standard 3002: 1985 Electrical installations – shows and carnivals.

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. Set up lighting for photo shoot	1.1 Confirm required lighting characteristics with required personnel 1.2 Select lighting equipment and accessories appropriate to purpose of required images 1.3 Determine work environment needs and select required camera systems and accessories 1.4 Assemble camera and lighting systems according to production requirements 1.5 Minimise waste and use equipment and materials safely
2. Light subjects	2.1 Position models and props according to photo shoot

ELEMENT	PERFORMANCE CRITERIA
	requirements 2.2 Create required effects by testing and modifying lighting techniques 2.3 Adjust and calibrate camera settings according to lighting specifications 2.4 Collaborate with required personnel when assessing photo shoot timelines
3. Capture images	3.1 Use required camera features and lighting techniques to shoot photos 3.2 Review images and collaborate with required personnel when ensuring lighting quality 3.3 Complete work documentation where required
4. Complete post-shoot activities	4.1 Reinstatement equipment and shoot site to original condition according to manufacturer standards 4.2 Report damage to equipment to required personnel according to enterprise procedures 4.3 Transport and store equipment according to workplace procedures

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

SKILL	DESCRIPTION
Reading	Interprets straightforward written instructions and requirements from relevant sources when identifying useful information
Writing	Uses clear language and industry-related terminology to document work progress and report equipment damage
Oral Communication	- Participates in detailed discussions using appropriate language when clarifying creative and technical requirements, considering solutions and providing relevant information - Uses questioning and active listening techniques to confirm understanding
Self-management	- Follows procedures and meets workplace expectations in the implementation and wrap up of lighting tasks - Observes safety, legal and regulatory responsibilities related to own work
Teamwork	Ensures image quality requirements are met through collaboration

SKILL	DESCRIPTION
	with others, incorporating feedback where required
Planning and organising	• Takes responsibility for planning, organising and completing tasks efficiently and effectively • Makes decisions directly related to completion of required tasks

Unit Mapping Information

Supersedes and is equivalent to CUAPHI402 Apply photo imaging lighting techniques.

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 CUAPHI412 Apply photo imaging lighting techniques

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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 photo imaging lighting techniques to at least two different project requirements.

In the course of the above, the candidate must:

- set up and use appropriate lighting techniques with a range of subjects in different physical environments that include studios and natural light environments
- select and use appropriate camera and lighting equipment and accessories for various photo shoots that include portraits
- test a range of lighting techniques to achieve varying effects in photo imaging.

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:

- operation and functions of a range of professional lighting equipment and accessories that include dedicated flash units
- set up and effects of a range of lighting techniques used in professional photo imaging
- ways to adjust camera settings for lighting
- technology used to generate, harness and use lighting in photo imaging work
- work health and safety considerations for the use of lighting and equipment in photo imaging contexts
- end of shoot procedures.

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:

- a range of professional lighting equipment and accessories
- a professional camera and accessories
- photographic materials
- suitable subjects, models and props.

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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