



Australian Government

CUAPHI520 Produce technical photo images

Release: 1

CUAPHI520 Produce technical photo images

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 produce technical photo images

The unit applies to those who produce photo images for forensic, medical, scientific (including mining and environmental) and museum or library purposes. Photographers in these roles may work independently or as part of a team within an institutional structure.

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. Plan for project	1.1 Evaluate requirements of technical photo imaging project with required personnel 1.2 Research styles and conceptual and aesthetic approaches used in similar technical photo imaging shoots 1.3 Liaise and discuss with required personnel their organisational and management procedures, sourcing information and specialised equipment that may be required 1.4 Prepare terms, conditions, budget, usage estimates and quotation for shoot and check against initial estimate 1.5 Make agreement and complete contract with required personnel
2. Prepare for shoot	2.1 Investigate and address required codes of practice and site specific work health and safety issues, consents, licence, permit and any special requirements

ELEMENT	PERFORMANCE CRITERIA
	2.2 Confirm technical requirements, shoot requirements and shoot responsibilities with required personnel 2.3 Develop shoot management timelines, brief required personnel and prepare equipment 2.4 Arrange access to locations and subjects with required personnel
3. Shoot and produce technical photo images	3.1 Capture in-production images to meet project style, content and specifications 3.2 Collaborate with production team and seek client feedback on shoot progress 3.3 Optimise images and output image products in suitable formats according to industry standards 3.4 Assemble work for electronic or physical dispatch and deliver to agreed location by required methods and within timeframe
4. Review shoot	4.1 Review feedback and evaluate personal performance in shoot context 4.2 Catalogue and archive photo images according to industry standards 4.3 Maintain contractual and financial records for business and taxation purposes
5. Wrap up shoot	5.1 Reinstate equipment and shoot site to original condition according to manufacturer's standards 5.2 Update work samples of technical photo images for self-promotional purposes 5.3 Identify future opportunities, work directions, equipment needs and workflow changes resulting from shoot

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 extensive visual and textual information of varying complexity and purpose when assessing work requirements
Writing	- Records information and outcomes required for project requirements - Prepares detailed business practice and compliance documents, including contractual, financial and other operational information and related correspondence using industry recognised structure, formats, language and terminology

SKILL	DESCRIPTION
	Documents detailed shoot management timelines
Oral Communication	- Establish project requirements and constraints through complex client discussions - Determine contractual conditions using appropriate tone and clear, straightforward language - Uses active listening and questioning techniques to elicit information and feedback and confirm understanding with clients and project personnel
Numeracy	Estimates fees and services costs through basic calculations
Self-management	- Meets workplace expectations for preparation and provision of technical photography services in compliance with professional practice requirements and industry standards, required legislation and codes of practice, with reference to site safety, permits, licences and consent - Assesses shoot outcomes to identify the practical aspects of potential changes in own work practice
Teamwork	Works collaboratively with production team to achieve project objectives
Planning and organising	- Uses systematic planning and processes to prepare for technical photo shoots, confirm shoot objectives, establish schedule and location requirements, prepare equipment and manage required communication - Assesses first images for consistency with project requirements and uses feedback to measure progress - Applies optimisation techniques to final images and output products to meet client requirements, industry standards and deadlines

Unit Mapping Information

Supersedes and is equivalent to CUAPHI510 Produce technical photo images.

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 CUAPHI520 Produce technical photo images

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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:

- produce technical photo images according to at least two different project requirements.

In the course of the above, the candidate must:

- interpret the brief and confirm requirements with required personnel
- arrange agreements, contracts, licences, permits and invoices following standard business practices
- devise the shoot schedule and organise photo imaging equipment, subjects and locations to shoot technical photo images according to legal requirements
- apply imaging skills to capture and optimise technical photo images, in collaboration with others
- apply work health and safety practices during photo shoot and production.
- process, catalogue and archive photo images in accordance with industry standards
- package photo images for self-promotional purposes
- evaluate own performance and creative products and identify one or more areas for future improvement.

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:

- contemporary styles and conceptual and aesthetic approaches that apply to technical photo images in various industry contexts
- features and capabilities of technical photo imaging capture technologies
- techniques to proof, optimise and process technical photo images
- key business and taxation practices associated with a technical photo imaging practice

- professional practice arrangements, work health and safety requirements, and codes of practice applicable to a technical photographer.

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:

- photo imaging capture and production equipment
- software for a technical photo imaging context
- locations and studios for technical photo imaging shoots.

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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