



Australian Government

CUALGT514 Develop lighting designs

Release: 1

CUALGT514 Develop lighting designs

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 interpret creative briefs and develop lighting designs for screen, media and entertainment productions. It involves the creation and implementation of lighting design concepts for various production formats.

The unit applies to those who create lighting designs that reflect the style and mood of productions. They work closely with directors, directors of photography (DOPs), production designers, technical producers and costume designers. On major productions, lighting designers manage the work and safety of a team of lighting assistants and technicians, lighting console operators, and electricians – and therefore, have responsibility for all aspects of lighting operations.

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

Unit Sector

Media and Entertainment Production – Lighting

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. Determine lighting requirements	1.1 Analyse performance outlines or scripts to determine required lighting design concepts 1.2 Participate in preliminary concept meetings with required personnel to discuss lighting options and requirements 1.3 Identify factors that may determine and affect lighting design 1.4 Access and prepare required documentation and brief lighting team on requirements
2. Research lighting	2.1 Identify and source references that may inform the design

ELEMENT	PERFORMANCE CRITERIA
design concepts and technologies	process 2.2 Analyse sources and references in context of design project 2.3 Evaluate impacts and potential of new and emerging technologies to inform the design 2.4 Obtain materials to develop initial design concepts
3. Evaluate lighting design ideas	3.1 Generate and provide creative solutions to technical lighting issues 3.2 Discuss ideas and collaborate with required personnel 3.3 Analyse ideas for implications on cost and time, technical feasibility, and their suitability for brief 3.4 Provide strategic lighting information that enhances production outcomes
4. Develop and document lighting designs	4.1 Consult with required personnel during the development of designs 4.2 Collaborate with required personnel to achieve consistent artistic interpretation 4.3 Evaluate and select approach according to budget, research findings and ongoing reflection and discussion 4.4 Use initial concepts as the basis for developing lighting designs within the required timeframe and according to budget, schedule, and WHS requirements 4.5 Complete documentation according to production requirements and organisational procedures
5. Finalise lighting design	5.1 Present draft lighting plans and specifications to required personnel in a required format and within required timeframes 5.2 Participate in initial and ongoing evaluation of draft designs 5.3 Negotiate and agree to modifications to designs and undertake necessary amendments 5.4 Agree to final designs and produce documentation 5.5 Present final design, plans and specifications to required personnel and confirm all production requirements have been met

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
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SKILL	DESCRIPTION
Reading	• Interprets a broad range of information and requirements in a variety of written forms
Writing	• Prepares written documentation of work
Oral Communication	• Uses clear language to contribute information, express requirements and make presentations to diverse audiences, and in different environments • Uses listening and questioning skills to discuss scope and objectives of the work with key others
Numeracy	• Calculates requirements, timeframes and cost of lighting design • Demonstrates understanding of numerical budgetary and time constraints
Self-management	• Complies with regulatory safety procedures in planning and developing lighting designs • Provides strategic improvements to production outcomes
Teamwork	• Selects and uses communication methods and practices to build rapport and establish effective work relationships with production personnel and team members • Plays a lead role in collaboration and consultation to achieve a shared understanding of artistic objectives • Participates in evaluation processes, negotiates agreement and presents final designs
Planning and organising	• Organises, plans and sequences own workload to conceive and develop lighting designs, and manages required communication
Problem solving	• Uses analysis and research to establish decision making criteria • Selects concept that matches established criteria and constraints for final design development

Unit Mapping Information

Supersedes and is equivalent to CUALGT504 Develop lighting designs.

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 CUALGT514 Develop lighting designs

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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:

- develop creative lighting designs for at least one production.

In the course of the above, the candidate must:

- use research to enhance interpretation and adaptation of design concepts when developing lighting design
- generate a range of creative responses to lighting design brief based on research and collaboration
- facilitate the design process with lighting team members and production personnel
- develop detailed documentation, including costs of lighting design from initial idea to realisation.

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:

- role of lighting design within the overall artistic direction of a production
- key features and purpose of creative and technical elements of the lighting design process, and their impact during various phases of the production process
- principles of script break-down as they relate to lighting design
- formats for documenting lighting design
- current and emerging technologies available to lighting designers
- construction methods and implementation issues associated with realisation of lighting designs
- typical issues, problems and challenges of developing lighting designs and strategies to resolve them
- relationship between different design elements such as costume, sets, lighting, props and sound

- work health and safety (WHS) legislation and regulations as they apply to lighting design and production.

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:

- performance outlines and/or scripts on which designs can be based
- reference sources and materials relating to lighting design.

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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