



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **CUE40303 Certificate IV in Live Production, Theatre and Events (Technical Operations)**

**Release: 1**

## **CUE40303 Certificate IV in Live Production, Theatre and Events (Technical Operations)**

### **Modification History**

Not applicable.

### **Description**

#### **Descriptor**

This qualification reflects the role of individuals working in technical areas who apply a broad range of skills including evaluation and planning, and who may provide leadership and guidance to others, with some responsibility for group outcomes.

This qualification is flexible and designed to meet a broad range of industry needs. It includes specialised streams to reflect specific job outcomes (e.g. for audio, lighting) plus a more general option to reflect the need for multi-skilling.

#### **Job roles**

- Multi-skilled technician.
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### **Pathways Information**

#### **Qualification pathways**

##### *Pathways into the qualification*

Candidates may enter the qualification with limited or no vocational experience and without a relevant lower-level qualification.

## **Licensing/Regulatory Information**

### **Licensing, legislative, regulatory and certification considerations**

There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

### ***Electrical work***

In some states and territories of Australia, a restricted electrical licence is required. Restricted electrical licences allow a person to carry out electrical work incidental to a trade. Incidental work may include fault-finding on equipment or changing like for like equipment by disconnecting and reconnecting the fixed wiring. It does not include any other changes to the fixed wiring.

### ***National Standard for Licensing Persons Performing High Risk Work***

The National Standard for Licensing Persons Performing High Risk Work applies to persons performing dogging and rigging work. Completion of the following units is required for certification at either basic, intermediate or advanced levels.

CPCCLDG3001A Licence to perform dogging

CPCCLRG3001A Licence to perform rigging basic level

CPCCLRG3002A Licence to perform rigging intermediate level

CPCCLRG4001A Licence to perform rigging advanced level.

### ***National Code of Practice for Induction for Construction Work***

Sets and staging for some performances or events may fall within the definition of construction work. If so, people entering the construction site are required to complete the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (Australian Safety Compensation Council, May 2007). Achievement of the unit 'CPCCOHS1001A Work safely in the construction industry' from the CPC08 Construction and Plumbing Integrated Framework Training Package fulfils this requirement.

Information on occupational licensing and its intersection with vocational education and training can be found in Licensing Line News at [www.licensinglinenews.com](http://www.licensinglinenews.com).

## **Entry Requirements**

Not applicable.

## Employability Skills Summary

### EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the employability skills required by the entertainment industry for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options. This table is a summary of employability skills that are typical of this qualification and should not be interpreted as definitive.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> <li>interpreting work instructions and production documentation, e.g. lighting and staging instructions</li> <li>completing workplace documentation</li> <li>explaining production requirements to other personnel</li> <li>clarifying production requirements with supervisor</li> <li>demonstrating lighting effects to colleagues</li> <li>advising licensed rigger of work requirements</li> <li>developing and maintaining industry networks</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>liaising with colleagues and supervisors during set-up and production</li> <li>completing installation and production tasks as a member of a team</li> <li>working with a licensed rigger</li> <li>leading a team</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>basic troubleshooting and maintenance of lighting equipment</li> <li>adjusting position of lighting equipment</li> <li>responding to equipment malfunction during performance</li> <li>identifying and responding appropriately to a safety issue</li> <li>working out transport arrangements that will prevent damage to set items</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>identifying problems with lighting and AV equipment and staging elements quickly and taking appropriate action</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>collecting information needed to record a series of lighting cues</li> <li>assessing the types of lighting effects required</li> <li>playing lighting cues in correct sequence</li> <li>setting up and testing equipment in advance to ensure working order</li> <li>positioning and placing equipment/set pieces ready for installation</li> <li>working with cue documentation and calculating timings</li> <li>calculating the number of people needed for bump in/bump out</li> </ul>

**EMPLOYABILITY SKILLS QUALIFICATION SUMMARY**

Self-management	<ul style="list-style-type: none"> <li>• developing personal time management skills</li> <li>• following workplace procedures, particularly in relation to OHS, e.g. ensuring electrical safety</li> <li>• acting within the scope of job role</li> <li>• knowing which rigging-related tasks may be completed by unlicensed personnel and those that required a licensed rigger</li> <li>• demonstrating leadership</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• keeping up to date with industry developments</li> <li>• providing OHS information to staff</li> <li>• providing feedback and coaching to colleagues</li> <li>• participating in rehearsals seeking advice from licensed riggers</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• operating a range of AV equipment</li> <li>• testing and operating digital lighting consoles, including complex functions</li> <li>• using equipment and tools for theatrical rigging</li> </ul>

**Packaging Rules****Packaging Rules****Total number of units = 14****5 core units****5 Group A units****4 elective units**

The **4elective units** may be selected from the **Group A** and/or **Group B units** listed below or any endorsed Training Package. **2 of these elective units** may be selected from any accredited course. Elective units must be chosen at the same qualification level.

Electives must be relevant to the work outcome, local industry requirements and the qualification level.

**Core units****Health, safety and security**

CUEOHS01C Implement workplace health, safety and security procedures

## **Packaging Rules**

### **Industry practice**

CUEIND01D Source and apply entertainment industry knowledge

### **Management**

BSBWOR402A Promote team effectiveness

### **Production planning and management**

CUETEM01C Coordinate production operations

CUETEM06B Organise and monitor bump in/bump out

### **Group A units (specialist)**

#### **Audio**

CUESOU03C Operate professional audio equipment

CUESOU04C Mix live audio

CUESOU08B Select and manage microphone and other audio input sources

CUESOU10B Operate wireless audio equipment

CUESOU12B Set up and operate audio system control networks

CUESOU13B Specify, install and operate audio for an outdoor event

CUSSOU303A Set up and disassemble audio equipment

CUSSOU402A Develop and implement sound plans

#### **Lighting**

CUFLGT301A Prepare, install and test lighting equipment

CUFLGT302A Record and operate standard lighting cues

CUFLGT401A Implement lighting designs

CUFLGT402A Set up, record and operate lighting cues and effects

#### **Staging**

CUESTA01C Install staging elements

CUESTA02C Operate staging elements

#### **Technical general**

MEM18001C Use hand tools

#### **Vision systems**

CUEAUD01C Repair and maintain vision systems

CUEAUD02C Prepare, rig, test and modify vision systems

CUEAUD03C Operate vision systems

## **Packaging Rules**

CUEAUD04C Develop vision system installation plans

### **Group B units**

#### **Audio**

CUESOU01C Repair and maintain audio equipment

CUESOU07B Apply a general knowledge of audio to work activities

CUESOU09B Manage and compile audio replay material

CUESOU11B Set up and operate stage monitor systems

CUFSSOU301A Prepare audio assets

CUSSOU301A Provide sound reinforcement

#### **Cinema projection**

CUECIN05C Maintain projection equipment

#### **Digital content and imaging**

CUFDIG301A Prepare video assets

CUFDIG303A Produce and prepare photo images

CUFPOS402A Manage media assets

#### **Industry practice**

BSBCON401A Work effectively in a business continuity context

CUFIND401A Provide services on a freelance basis

#### **Lighting**

CUELGT303A Install and operate follow spots

CUFLGT101A Apply a general knowledge of lighting to work activities

CUFLGT304A Operate floor electrics

#### **Pyrotechnics**

CUEFSH01B Identify and manage safety and health requirements at an outdoor fireworks display

CUEFSH02B Operate an outdoor fireworks display

#### **Special effects**

CUFSSFX301A Maintain and repair special effects items

CUFSSFX402A Coordinate the logistics of special effects operations

#### **Stage management**

CUESMT06C Plot technical requirements from scores

## **Packaging Rules**

CUESMT09B Plot and rehearse cues

CUESMT11B Create, update and use production reference documents

## **Staging**

CUESTA05C Apply a general knowledge of staging to work activities

CUESTA06B Apply a general knowledge of theatrical rigging

## **Sustainability**

BSBSUS301A Implement and monitor environmentally sustainable work practices

## **Technical general**

CPCCCA2002A Use carpentry tools and equipment

CPCCCM3001A Operate elevated work platforms

CPCCOHS1001A Work safely in the construction industry

CPCCPD3003A Apply texture coat paint by brush, roller and spray

CPCCPD3008A Apply decorative paint finishes

CPCCLDG3001A Licence to perform dogging

CPCCLRG3001A Licence to perform rigging basic level

CPCCLRG3002A Licence to perform rigging intermediate level

CPCCLRG4001A Licence to perform rigging advanced level

CPCCSC2002A Erect and dismantle basic scaffolding

CUFGMT301A Repair and maintain production equipment

CUVCOR09B Select and apply drawing techniques and media to represent and communicate the concept

CUVCRS03B Produce computer-aided drawings

CUVCRS04B Produce technical drawings

CUVCRS06B Make scale models

TDTD1097B Operate a forklift

UEENEPP001A Disconnect and reconnect fixed wired electrical equipment connected to a low voltage supply

UEENEPP002A Attach cords and plugs to electrical equipment for connection to a single phase 250 Volt supply

UEENEPP003A Attach cords and plugs to electrical equipment for connection to 1000 Va.c. or 1500 Vd.c. supply

UEENEPP007A Locate and rectify faults in electrical low voltage equipment following prescribed procedures

## **Technical workplace management**



## **Packaging Rules**

CUETEM03C Establish and manage production requirements and resources

CUETEM07B Tour the production

### **Vision systems**

CUEAUD06B Apply a general knowledge of vision systems to work activities

### **Selecting electives for different outcomes**

The context for this qualification varies, and this must guide the selection of elective units. An example of appropriate elective units for a particular outcome at this level follows.

### **Multi-skilled technician**

Core units plus:

- CUEAUD03C Operate vision systems
- CUESTA01C Install staging elements
- CUESTA02C Operate staging elements
- CUESTA03C Operate flying systems
- CUESTA06B Apply a general knowledge of theatrical rigging
- CUFLGT101A Apply a general knowledge of lighting to work activities
- CUFLGT301A Prepare, install and test lighting equipment
- CUFLGT302A Record and operate standard lighting cues
- CUFLGT402A Set up, record and operate lighting cues and effects

## **Unit Grid**

BSBCON401A Work effectively in a business continuity context

BSBSUS301A Implement and monitor environmentally sustainable work practices

BSBWOR402A Promote team effectiveness

CPCCCA2002A Use carpentry tools and equipment

CPCCCM3001A Operate elevated work platforms

CPCCLDG3001A Licence to perform dogging

CPCCLRG3001A Licence to perform rigging basic level

CPCCLRG3002A Licence to perform rigging intermediate level

CPCCLRG4001A Licence to perform rigging advanced level

CPCCOHS1001A Work safely in the construction industry

CPCCPD3003A Apply texture coat paint by brush, roller and spray

CPCCPD3008A Apply decorative paint finishes

CPCCSC2002A Erect and dismantle basic scaffolding

CUEAUD01C Repair and maintain vision systems

CUEAUD02C Prepare, rig, test and modify vision systems

CUEAUD03C Operate vision systems  
CUEAUD04C Develop vision system installation plans  
CUEAUD06B Apply a general knowledge of vision systems to work activities  
CUECIN05C Maintain projection equipment  
CUEFSH01B Identify and manage safety and health requirements at an outdoor fireworks display  
CUEFSH02B Operate an outdoor fireworks display  
CUEIND01D Source and apply entertainment industry knowledge  
CUEOHS01C Implement workplace health, safety and security procedures  
CUESMT06C Plot technical requirements from scores  
CUESMT09B Plot and rehearse cues  
CUESMT11B Create, update and use production reference documents  
CUESOU01C Repair and maintain audio equipment  
CUESOU03C Operate professional audio equipment  
CUESOU04C Mix live audio  
CUESOU07B Apply a general knowledge of audio to work activities  
CUESOU08B Select and manage microphone and other audio input sources  
CUESOU09B Manage and compile audio replay material  
CUESOU10B Operate wireless audio equipment  
CUESOU11B Set up and operate stage monitor systems  
CUESOU12B Set up and operate audio system control networks  
CUESOU13B Specify, install and operate audio for an outdoor event  
CUESTA01C Install staging elements  
CUESTA02C Operate staging elements  
CUESTA03C Operate flying systems  
CUESTA05C Apply a general knowledge of staging to work activities  
CUESTA06B Apply a general knowledge of theatrical rigging  
CUETEM01C Coordinate production operations  
CUETEM03C Establish and manage production requirements and resources  
CUETEM06B Organise and monitor bump in\_bump out  
CUETEM07B Tour the production  
CUFDIG301A Prepare video assets  
CUFDIG303A Produce and prepare photo images  
CUFGMT301A Repair and maintain production equipment  
CUFIND401A Provide services on a freelance basis  
CUFLGT101A Apply a general knowledge of lighting to work activities  
CUFLGT301A Prepare, install and test lighting equipment  
CUFLGT302A Record and operate standard lighting cues  
CUFLGT304A Operate floor electrics  
CUFLGT401A Implement lighting designs  
CUFLGT402A Set up, record and operate lighting cues and effects  
CUFPOS402A Manage media assets  
CUFSFX301A Maintain and repair special effects items  
CUFSFX402A Coordinate the logistics of special effects operations  
CUFSOU301A Prepare audio assets  
CUSSOU301A Provide sound reinforcement  
CUSSOU303A Set up and disassemble audio equipment  
CUSSOU402A Develop and implement sound plans

CUVCOR09B Select and apply drawing techniques and media to represent and communicate the concept

CUVCRS03B Produce computer-aided drawings

CUVCRS04B Produce technical drawings

CUVCRS06B Make scale models

MEM18001C Use hand tools

TDTD1097B Operate a forklift

UEENEOP001A Disconnect and reconnect fixed wired electrical equipment connected to a low voltage supply

UEENEOP002A Attach cords and plugs to electrical equipment for connection to a single phase 250 Volt supply

UEENEOP003A Attach cords and plugs to electrical equipment for connection to 1000 V.a.c. or 1500 V.d.c. supply

UEENEOP007A Locate and rectify faults in electrical low voltage equipment following prescribed procedures