Australian Government

CUA40420 Certificate IV in Live Production and Technical Services

Release 2

CUA40420 Certificate IV in Live Production and Technical Services

Modification History

Release	Comments
Release 2	This version first released with CUA Creative Arts and Culture Training Package Version 6.0. Minor change to add the following units of competency in the elective unit list: • CUABRT415 Provide technical support during virtual and hybrid events • CUAMWB403 Prepare to work with confronting material and processes in the creative industries.
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Qualification Description

This qualification reflects the role of individuals working in a range of technical production jobs in creative arts industry environments. It applies to work in lighting and sound, music industry, entertainment customer service, entertainment technical operations, entertainment administration, staging, wardrobe, scenery and set construction, broadcasting production, live production and entertainment technical operations work environments.

They apply solutions to a defined range of unpredictable problems, and analyse and evaluate information from a variety of sources. They may provide leadership and guidance to others and have limited responsibility for the output of others.

The job roles that relate to this qualification may include Pyrotechnician, Head Fly Operator, Fly Operator, Sound Recordist, Community Theatre Centre Worker, Wardrobe Technician, Costume Maker, Sound Technician, Set Maker, Lighting, Audio and Staging Worker, Assistant Stage Manager, Audiovisual Technician, Community Theatre Production Worker, Front of House Worker, Venue Technician, Lighting Technician and Operator, Props Maker, Model Maker, Scenic Artist, Audio Operator, Video Operator, Workshop Technician, Staging Team Leader, Production Coordinator and Show Control Technician. It also provides a pathway to other roles in similar work environments.

Licensing, legislative, regulatory or certification considerations

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:

- CPCCLDG3001 Licence to perform dogging
- CPCCLRG3001 Licence to perform rigging basic level
- CPCCLRG3002 Licence to perform rigging intermediate level
- CPCCLRG4001 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 'CPCCWHS1001 Prepare to work safely in the construction industry' from the Construction, Plumbing and Services Training Package fulfils this requirement.

Pyrotechnics

In some States and Territories of Australia a licence is required to allow a person to plan and operate a fireworks display.

Users are advised to check with the relevant licensing authority for requirements.

Units of competency in qualification

Some individual units of competency may have their own licensing, legislative, regulatory or certification requirements. Users must check individual units of competency for licensing, legislative, regulatory or certification requirements relevant to that unit.

Entry Requirements

Individuals must provide evidence of their skills in live production and technical services and the ability to:

- produce a body of work demonstrating the ability to respond effectively to workplace requirements associated with live production and technical services in line with current industry standards
- apply a basic knowledge of trends and traditions in at least one area of technical production.

Skills and knowledge may have been acquired through experience or formal study.

Packaging Rules

Total number of units = 16

4 core units plus

12 elective units, of which:

- 1 must be from Group A
- 9 must be from the electives listed below, with no more than 3 from Group C
- 2 may be from the remaining electives in Group A, B and/or D, or any currently endorsed training package qualification or accredited course.

Elective units must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid industry-supported vocational outcome.

Where relevant, the choice of elective units set out in the packaging rules above can serve to provide the qualification with one of the following specialisations. The rules to achieve a specialisation are detailed at qualification end.

- Sound
- Vision
- Costume
- Lighting
- Scenery and Props
- Live Production Management
- Stage Management
- Staging

Core units

BSBCRT413 Collaborate in creative processes

CUAIND413 Communicate effectively with arts professionals

CUAMWB401 Develop and implement own self-care plan in the creative industries

CUAPPM421 Contribute to organising productions

Elective units

Group A – Safety Skills

CPCCWHS1001 Prepare to work safely in the construction industry

BSBWHS414 Contribute to WHS risk management

CUAWHS312 Apply work health and safety practices

CUAWHS313 Apply work health and safety practices in a live production environment

Group B – Technical Skills

CPCCBC4021 Minimise waste on the building and construction site

CPCCCM3005 Calculate costs of construction work

CPCCLRG3002* Licence to perform rigging intermediate level

CUAACD412 Experiment with moulding and casting techniques

CUABRD412 Vision mix productions

CUACAM411 Shoot different screen content

CUACOS404 Construct blocks for period costumes

CUACOS405 Develop expertise in pattern development for costume

CUACOS411 Make costumes for dance and physical theatre

CUACOS412 Make costume accessories

CUACOS413 Develop expertise in costume component construction

CUAHAZ405 Perform hazardous action sequences

CUALGT411 Operate complex lighting

CUALGT412 Implement lighting designs

CUALGT413 Set up and operate lighting cues and effects

CUAPOS412 Manage media assets

CUAPPM422 Organise and facilitate rehearsals

CUAPPM431 Compile production schedules

CUAPPM432 Coordinate production operations

CUAPPM433 Coordinate touring arrangements

CUAPRP411 Coordinate props

CUAPRP412 Use casting and moulding techniques to make props

CUAPRP413 Make props using mixed media

CUAPRP414 Make prop furniture

CUAPRP415 Construct mechanical props

CUAPYR411 Manage health and safety requirements at fireworks displays

CUAPYR412 Operate outdoor fireworks displays

CUAPYR413 Plan outdoor fireworks displays

CUAPYR414 Operate close proximity fireworks displays

CUAPYR415 Plan close proximity fireworks displays

CUASCE411 Create special effects for scenic art

CUASET401 Make sets

CUASET412 Construct mechanical sets

CUASFX411 Create special effects items

CUASFX412 Coordinate the logistics of special effects operations

CUASMT412 Assist in stage managing rehearsals

CUASMT413 Develop and implement production work plans

CUASOU406 Develop and implement sound plans

CUASOU411 Coordinate sound recording operations on location

CUASOU412 Manage audio input sources

CUASOU413 Manage audio system control networks

CUASOU414 Manage wireless audio operations

CUASOU415 Record sound

CUASOU417 Edit sound

CUASOU418 Edit dialogue

CUASOU421 Mix audio for live productions

CUASTA411 Operate show control systems

CUASTA412 Install and uninstall specialist staging equipment

CUASTA413 Operate flying systems

CUASTA414* Undertake arena rigging activities

CUAVSS312 Operate vision systems

CUAVSS401 Operate complex vision systems

CUAWOO401 Experiment with techniques to produce wood objects

MSTCL2021 Use a sewing machine

MSTCL2023 Sew components

MSTCL3009 Develop patterns from a block using basic pattern making principles

MSTCL3015* Perform garment repairs and alterations

MSTCL4002 Assemble and fit commercially tailored or bespoke garments

MSTCL4003 Measure, lay-up and cut custom-made garments

MSTFD4010* Create pattern to meet design specifications applying advanced patternmaking principles

MSTFD4013 Grade 2-D patterns

MSTFD4015* Create pattern from block to meet customer specifications

MSTFD4020 Use electronic fashion design tools

MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry

MSTML4001 Undertake specific millinery construction techniques

MSTML4002 Rejuvenate millinery

RIIWHS204E Work safely at heights

TLIA0003 Complete and check import/export documentation

UEERL0001* Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply

UEERL0003* Conduct in-service safety testing of electrical cord connected equipment and cord assemblies

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Group C – Transferable Skills

BSBCMM411 Make presentations

BSBESB401 Research and develop business plans

BSBESB402 Establish legal and risk management requirements of new business ventures

BSBESB403 Plan finances for new business ventures

BSBHRM413 Support the learning and development of teams and individuals

BSBLDR414 Lead team effectiveness

BSBMKG431 Assess marketing opportunities

BSBOPS402 Coordinate business operational plans

BSBOPS405 Organise business meetings

BSBPMG427 Apply project management procedures

BSBPRC402 Negotiate contracts

BSBSTR402 Implement continuous improvement

BSBTWK401 Build and maintain business relationships

BSBWRT411 Write complex documents

CHCDIV001 Work with diverse people

CUAACD411 Integrate colour theory and design processes

CUAANM313 Create 3D digital models

CUAANM411* Create advanced 3D digital models

CUADES411 Generate design solutions

CUADES412 Interpret and respond to a design brief

CUADES413 Develop and extend design skills and practice

CUADIG415 Produce innovative digital images

CUAFIM411 Obtain revenue to support operations

CUAIND411 Extend expertise in specialist creative fields

CUAIND412 Provide freelance services

CUAMWB402 Manage feedback on creative practice

CUAPPR406 Plan work space

CUAPPR411 Realise a creative project

CUAPPR415 Develop and discuss ideas for own creative work

CUARES403 Research history and theory to inform own arts practice

FNSCUS401 Participate in negotiations

HLTAID014 Provide advanced first aid

HLTAID016 Manage first aid services and resources

MSS014008 Improve sustainability through readily implementable change

PSPGEN036 Provide workplace coaching

SITEEVT005 Plan in-house events or functions

SITXCOM005 Manage conflict

SITXFIN003 Manage finances within a budget

SITXHRM002 Roster staff

SITXHRM003 Lead and manage people

SITXMPR001 Coordinate production of brochures and marketing materials

SITXMPR004 Coordinate marketing activities

TAEDEL404 Mentor in the workplace

Group D – General

BSBCRT412 Articulate, present and debate ideas

BSBESB301 Investigate business opportunities

BSBESB301 Investigate business opportunities

BSBESB302 Develop and present business proposals

BSBESB303 Organise finances for new business ventures

BSBESB304 Determine resource requirements for new business ventures

BSBESB305 Address compliance requirements for new business ventures

BSBPEF301 Organise personal work priorities

BSBCRT311 Apply critical thinking skills in a team environment

BSBSTR401 Promote innovation in team environments

BSBTEC301 Design and produce business documents

BSBTEC302 Design and produce spreadsheets

BSBTEC303 Create electronic presentations

BSBTWK301 Use inclusive work practices

CPCCCA2002* Use carpentry tools and equipment

CPCCCA2011* Handle carpentry materials

CPCCOM1013 Plan and organise work

CPCCOM1015 Carry out measurements and calculations

CPCCOM2001 Read and interpret plans and specifications

CPCCCM3001 Operate elevated work platforms up to 11 metres

CPCCJN3100* Process materials to produce components using static machines

CPCCLDG3001 Licence to perform dogging

CPCCLRG3001* Licence to perform rigging basic level

CPCCLRG4001* Licence to perform rigging advanced level

CPCCLSF2001 Licence to erect, alter and dismantle scaffolding basic level

CPCCPD2012* Use painting and decorating tools and equipment

CPCCPD3021* Prepare existing coated surface for painting

CPCCPD3023* Apply texture coat paint finishes by brush, roller and spray

CPCCPD3024* Apply paint by spray

CPCCPD3028* Apply decorative paint finishes

CPCCSC2002* Erect and dismantle basic scaffolding

CPCCVE1011 Undertake a basic construction project

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

CPPSEC2109 Monitor and control access and exit of persons and vehicles from premises

CPPSIS3019 Produce basic plans of surveys

CUAACD311 Produce drawings to communicate ideas

CUAACD312 Produce computer-aided drawings

CUAACD313 Produce technical drawings

CUAACD314 Make scale models

CUABRT415 Provide technical support during virtual and hybrid events

CUACMP311 Implement copyright arrangements

CUACMP511 Manage copyright arrangements

CUACOS303 Modify, repair and maintain costumes

CUACOS304 Develop and apply knowledge of costume

CUACOS311 Apply art finishing

CUACOS312 Dress performers

CUACOS315 Maintain costume continuity

CUADES301 Explore the use of colour

CUADES302 Explore and apply the creative design process to 2D forms

CUADES303 Explore and apply the creative design process to 3D forms

CUADES304 Source and apply design industry knowledge

CUADES305 Source and apply information on the history and theory of design

CUADIG303 Produce and prepare photo images

CUADIG311 Prepare video assets

CUADIG315 Produce digital images

CUAFOH311 Provide seating and ticketing services

CUAFOH312 Monitor entry to venues

CUAIND311 Work effectively in the creative arts industry

CUAIND313 Work effectively in the music industry

CUAIND314 Plan a career in the creative arts industry

CUALGT311 Operate basic lighting

CUALGT312 Repair and maintain lighting equipment

CUALGT313 Install and test lighting equipment

CUALGT314 Install and operate follow spots

CUALGT315 Operate floor electrics

CUAMKG311 Assist with marketing and promotion

CUAMLT302 Apply knowledge of style and genre to music industry practice

CUAMPF311 Develop technical skills for musical performances

CUAMPF314 Make music demos

CUAMWB403 Prepare to work with confronting material and processes in the creative industries

CUAPPM311 Assist with conceiving and preparing performance spaces

CUAPPR314 Participate in collaborative creative projects

CUAPRP311 Repair, maintain and alter props

CUARES412 Conduct research

CUASCE301 Paint scenic art elements

CUASET311 Construct soft scenery

CUASET312 Assemble and maintain sets

CUASFX301 Maintain and repair special effects items

CUASMT311 Work effectively backstage during performances

CUASOU302 Compile and replay audio material

CUASOU303 Repair and maintain audio equipment

CUASOU304 Prepare audio assets

CUASOU306 Operate sound reinforcement systems

CUASOU308 Install and disassemble audio equipment

CUASOU331 Undertake live audio operations

CUASTA311 Assist with production operations for live performances

CUASTA312 Install staging elements

CUASTA313 Operate staging elements

CUASTA314 Maintain physical production elements

CUAVSS311 Install and test vision systems

CUAVSS313 Repair and maintain vision system equipment

CUAWHS312 Apply work health and safety practices

CUAWOR301 Document equipment installation requirements

HLTAID011 Provide first aid

ICTICT306 Migrate to new technology

ICTICT312 Use advanced features of applications

ICTNWK311 Install and test network protocols

MEM05001* Perform manual soldering/desoldering – electrical/electronic components

MEM05012* Perform routine manual metal arc welding

MEM05050* Perform routine gas metal arc welding

MEM09002* Interpret technical drawing

MEM09009* Create 2-D drawings using computer aided design system

MEM12024* Perform computations

MEM16008* Interact with computing technology

MSS014009 Evaluate sustainability impact of a work or process area

MSTFD3004 Draw a trade drawing for fashion design

MSTTF2005 Translate information into measurements or diagrams

MSTTF2006* Measure and scale geometric shapes

RIIWHS204E Work safely at heights

SIRXSLS001 Sell to the retail customer

SITHFAB002 Provide responsible service of alcohol

SITXCCS004 Provide lost and found services

SITXCCS006 Provide service to customers

TAEDEL301 Provide work skill instruction

TLILIC0003 Licence to operate a forklift truck

TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 meters or more)

TLILIC2014 Licence to drive light rigid vehicle

*Note the following prerequisite unit requirements:

Unit in this qualification	Prerequisite unit(S)
CPCCCA2002 Use carpentry tools and equipment	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCCA2011 Handle carpentry materials	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCJN3100 Process materials to produce components using static machines	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCLRG3001 Licence to perform rigging basic level	CPCCLDG3001 Licence to perform dogging
CPCCLRG3002 Licence to perform rigging intermediate level	CPCCLRG3001 Licence to perform rigging basic level
CPCCLRG4001 Licence to perform rigging advanced level	CPCCLRG3002 Licence to perform rigging intermediate level
CPCCPD2012 Use painting and decorating tools and equipment	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCPD3021 Prepare existing coated surface for painting	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCPD3023 Apply texture coat paint finishes by brush, roller and spray	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCPD3024 Apply paint by spray	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCPD3028 Apply decorative paint finishes	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
CPCCSC2002 Erect and dismantle basic scaffolding	CPCCWHS2001 Apply WHS requirements, policies and procedures in

Unit in this qualification	Prerequisite unit(S)
	the construction industry
CUAANM411 Create advanced 3D digital models	CUAANM313 Create 3D digital models
CUASTA414 Undertake arena rigging activities	CPCCLRG3002 Licence to perform rigging intermediate level
MSTCL3015 Perform garment repairs and alterations	MSTCL2021 Use a sewing machine MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry
MSTFD4010 Create pattern to meet design specifications applying advanced patternmaking principles	MSTCL3009 Develop patterns from a block using basic patternmaking principles
MSTFD4015 Create pattern from block to meet customer specifications	MSTCL3009 Develop patterns from a block using basic pattern making principles MSTFD4010 Create pattern to meet design specifications applying advanced patternmaking principle
MSTTF2006 Measure and scale geometric shapes	MSTTF2005 Translate information into measurements or diagrams
MEM05001 Perform manual soldering/desoldering – electrical/electronic components	MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM09009 Create 2-D drawings using computer aided design system	MEM09002 Interpret technical drawing MEM12023 Perform engineering measurements MEM12024 Perform computations MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information MEM16008 Interact with computing technology
UEERL0001 Attach cords and plugs to electrical	UEECD0007 Apply work health and safety

PwC's Skills for Australia

Unit in this qualification	Prerequisite unit(S)
equipment for connection to a single phase 230 Volt supply	regulations, codes and practices in the workplace
UEERL0003 Conduct in-service safety testing of electrical cord connected equipment and cord assemblies	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Specialisations

The achievement of a specialisation will be identified on testamurs as follows:

- CUA40420 Certificate IV in Live Production and Technical Services (Sound)
- CUA40420 Certificate IV in Live Production and Technical Services (Vision)
- CUA40420 Certificate IV in Live Production and Technical Services (Costume)
- CUA40420 Certificate IV in Live Production and Technical Services (Lighting)
- CUA40420 Certificate IV in Live Production and Technical Services (Scenery and Props)
- CUA40420 Certificate IV in Live Production and Technical Services (Live Production Management)
- CUA40420 Certificate IV in Live Production and Technical Services (Stage Management)
- CUA40420 Certificate IV in Live Production and Technical Services (Staging)

Packaging rules to achieve a specialisation

Sound

- 5 Group B electives must be selected, and must include CUASOU421 Mix audio for live productions, CUASOU412 Manage audio input sources, and CUASOU413 Manage audio system control networks.

Vision

- 5 Group B electives must be selected, and must include CUAVSS312 Operate vision systems and CUAVSS401 Operate complex vision systems.

Costume

- 5 Group B electives must be selected, and must include CUACOS411 Make costumes for dance and physical theatre, CUACOS412 Make costume accessories, and CUACOS413 Develop expertise in costume component construction.

Lighting

- 5 Group B electives must be selected, and must include CUALGT411 Operate complex lighting, CUALGT412 Implement lighting designs, and CUALGT413 Set up and operate lighting cues and effects.

Scenery and Props

- 5 Group B electives must be selected, and must include CUAPRP411 Coordinate props, CUAPRP412 Use casting and moulding techniques to make props, CUAPRP413 Make props using mixed media, and CUASCE411 Create special effects for scenic art.

Live Production Management

- 5 Group B electives must be selected, and must include CUAPPM432 Coordinate production operations, CUAPPM433 Coordinate touring arrangements, CUAPPM431 Compile production schedules.

Stage Management

- 5 Group B electives must be selected, and must include CUASMT412 Assist in stage managing rehearsals and CUASMT413 Develop and implement production work plans.

Staging

- 5 Group B electives must be selected, and must include RIIWHS204E Work safely at heights, CUASTA412 Install and uninstall specialist staging equipment, and CUASTA413 Operate flying systems.

Qualification Mapping Information

No equivalent qualification. Supersedes and is not equivalent to CUA40415 Certificate IV in Live Production and Technical Services.

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5