



**Australian Government**

# **CUA50425 Diploma of Live Production and Technical Services**

# CUA50425 Diploma of Live Production and Technical Services

## Modification History

Release	Comments
1	This qualification was first released in CUA Creative Arts and Culture Training Package Release 7.0.

## Qualification Description

This qualification reflects the role of individuals who possess a sound theoretical knowledge base and use specialised, technical or managerial competencies to design, plan, coordinate, carry out and evaluate technical requirements for productions, events or exhibitions in the creative arts industry. They have autonomy in carrying out their own work and can be responsible for planning, coordinating and evaluating the output of others within broad parameters.

It applies to work in staging, broadcasting, scenery and set construction, wardrobe, entertainment administration, lighting and sound, performing arts, arts administration, entertainment customer service, entertainment technical operations and live production work environments.

The job roles that relate to this qualification may include Special Effects Designer, Production Designer, Audio Visual Designer, Workshop Manager (Sets and Props), Costume Designer, Props Supervisor, Lighting Supervisor, Line Manager, Scenic Art Supervisor, Lighting Designer, Senior Stage Carpenter, Production Supervisor, Front of House Manager, Assistant Stage Manager, Stage Manager, Production Manager, Set Supervisor, Venue Manager (Theatre and Cinema), Set Designer, AV Systems Designer, AV Manager, AV IT Manager, Tour Manager, Automation Technician and Department Manager. It also provides a pathway to other roles in similar work environments.

## Licensing/Regulatory Information

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.

### *Pyrotechnics*

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

### *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 'CPCWHS1001 Prepare to work safely in the construction industry' from the Construction, Plumbing and Services Training Package fulfils this requirement.

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:

- develop solutions in at least one technical area
- produce a body of work demonstrating skills in at least one technical area
- respond effectively to workplace challenges and requirements in line with current industry standards
- apply knowledge of trends and traditions in at least one technical area.

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

## **Packaging Rules**

**Total number of units = 15**

**4 core units** plus

**11 elective units**, of which

- 1 must be from Group A
- at least 8 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.

- Production Design
- Sound
- Vision
- Costume
- Lighting
- Props
- Live Production Management
- Stage Management
- Staging

Units of competency that contain pre-requisites are identified with an \*

### **Core units**

- BSBLDR522 Manage people performance
- BSBPMG541 Manage complex projects
- CUAIND512 Enhance professional practice using creative arts industry knowledge
- CUAPPR515 Establish and maintain safe creative practice

### **Elective units**

#### **Group A – Safety skills**

- BSBWHS504 Manage WHS risks
- BSBWHS512 Contribute to managing work-related psychological health and safety
- BSBWHS521 Ensure a safe workplace
- CUAWHS312 Apply work health and safety practices
- CUAWHS313 Apply work health and safety practices in a live production environment
- CPCWHS1001 Prepare to work safely in the construction industry

#### **Group B – Technical Skills**

- CPCCLRG3002 Licence to perform rigging intermediate level\*
- CUAACD508 Refine model making skills

- CUAACD533 Select and refine a specialised drawing technique
- CUACOS404 Construct blocks for period costumes
- CUACOS405 Develop expertise in pattern development for costume
- CUACOS413 Develop expertise in costume component construction
- CUACOS501 Make period costumes
- CUACOS502 Make character costumes
- CUACOS503 Create theatrical millinery
- CUACOS507 Construct costume corsetry and undergarments
- CUACOS508 Cut and drape complex period costumes\*
- CUACOS510 Realise costumes
- CUACOS514 Make specialised costumes
- CUACOS515 Coordinate costume manufacture
- CUACOS516 Manage an off-site costume department
- CUACOS519 Design costumes
- CUADES511 Implement design solutions
- CUADES512 Establish, negotiate and refine a design brief
- CUADES521 Design events
- CUADES522 Realise production designs
- CUADRA502 Investigate drawing materials and processes
- CUAGR502 Produce graphic designs for 2-D and 3-D applications
- CUAGR515 Design and manipulate complex layouts
- CUAHAZ405 Perform hazardous action sequences
- CUAINN511 Adopt an innovative approach to creating production elements
- CUALGT511 Realise lighting designs
- CUALGT512 Manage installation of lighting systems
- CUALGT513 Manage lighting operations for outdoor events
- CUALGT514 Develop lighting designs
- CUAPAI511 Refine painting techniques
- CUAPAI512 Investigate painting materials and processes
- CUAPPM511 Manage small-scale live productions
- CUAPPM512 Realise productions
- CUAPPM513 Incorporate creative and technical needs into management processes

- CUAPPM514 Manage bump in and bump out of shows
- CUAPRP511 Design props
- CUAPRP512 Develop prop construction plans
- CUASET511 Design sets
- CUASET512 Develop set construction plans
- CUASMT511 Stage manage productions and events
- CUASMT513 Develop and maintain production documents
- CUASMT514 Manage audition support services
- CUASMT515 Manage plotting sessions and cue calling
- CUASMT517 Assist in stage managing and calling performances
- CUASOU504 Produce sound recordings
- CUASOU505 Implement sound designs
- CUASOU506 Create a final sound balance
- CUASOU511 Manage audio operations for outdoor events
- CUASOU512 Manage operation of stage monitor systems
- CUASOU513 Develop sound designs
- CUASOU517 Compile music for soundtracks
- CUASTA414 Undertake arena rigging activities\*
- CUASTA511 Manage specialist staging operations\*
- CUASTA512 Manage show control operations
- CUAVSS502 Implement vision system designs
- CUAVSS511 Design vision systems
- ICTNWK529 Install and manage complex ICT networks
- 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

- BSBFNG407 Oversee asset management in an Aboriginal and Torres Strait Islander organisation
- BSBAUD514 Interpret compliance requirements
- BSBCRT512 Originate and develop concepts

- BSBESB406 Establish operational strategies and procedures for new business ventures
- BSBHRM525 Manage recruitment and onboarding
- BSBMKG441 Develop public relations documents
- BSBMKG541 Identify and evaluate marketing opportunities
- BSBMKG542 Establish and monitor the marketing mix
- BSBMKG543 Plan and interpret market research
- BSBMKG544 Plan and monitor direct marketing activities
- BSBMKG549 Profile and analyse consumer behaviour for international markets
- BSBMKG553 Develop public relations campaigns
- BSBMKG555 Write persuasive copy
- BSBOPS502 Manage business operational plans
- BSBOPS505 Manage organisational customer service
- BSBPEF501 Manage personal and professional development
- BSBPEF502 Develop and use emotional intelligence
- BSBPMG430 Undertake project work
- BSBPMG533 Manage project cost
- BSBPMG536 Manage project risk
- BSBPMG537 Manage project procurement
- BSBPRC501 Manage procurement strategies
- BSBSTR501 Establish innovative work environments
- BSBSTR502 Facilitate continuous improvement
- BSBSUS511 Develop workplace policies and procedures for sustainability
- BSBTWK501 Lead diversity and inclusion
- BSBTWK502 Manage team effectiveness
- BSBTWK503 Manage meetings
- CHCDIV001 Work with diverse people
- CUACMP511 Manage copyright arrangements
- CUAFIM511 Source funding for projects
- CUAFOH511 Manage front of house services
- CUAMKG511 Manage the promotion of creative acts
- CUAPPR512 Develop sustainability of own professional practice
- CUAPPR514 Establish and maintain environmentally sustainable creative practice

- CUARES502 Critique cultural works
- CUARES503 Analyse cultural history and theory
- CUAWHS406 Interact appropriately with children in performing arts environments
- FNSORG501 Develop and manage a budget
- PSPGEN125 Support workplace coaching and mentoring
- SITEEVT025 Select event venues and sites
- SITEEVT026 Manage event production components
- SITEEVT027 Organise event infrastructure
- SITEEVT028 Manage on-site event operations
- SITXGLC002 Identify and manage legal risks and comply with law
- SITXMGT005 Establish and conduct business relationships
- SITXMPR015 Obtain and manage sponsorship
- SITXMPR016 Prepare and present proposals

#### Group D – General

- BSBCMM411 Make presentations
- BSBCRT413 Collaborate in creative processes
- 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
- BSBPRC402 Negotiate contracts
- BSBSTR402 Implement continuous improvement
- BSBTWK401 Build and maintain business relationships
- BSBWRT411 Write complex documents
- CPCCBC4021 Minimise waste on the building and construction site
- CPCCCM3005 Calculate costs of construction work
- CPCCLDG3001 Licence to perform dogging
- CPCCLRG3001 Licence to perform rigging basic level\*

- CPCCLRG4001 Licence to perform rigging advanced level\*
- CUAACD312 Produce computer-aided drawings
- CUAACD412 Experiment with moulding and casting techniques
- CUAANM313 Create 3D digital models
- CUAANM411 Create advanced 3D digital models\*
- CUABRD412 Vision mix productions
- CUABRT415 Provide technical support during virtual and hybrid events
- CUABRT502 Manage and operate technical requirements for virtual and hybrid events
- CUACAM411 Shoot different screen content
- CUACAM412 Shoot screen content in a multi-camera environment
- CUACOS411 Make costumes for dance and physical theatre
- CUACOS412 Make costume accessories
- CUADES523 Design virtual and hybrid events
- CUADIG415 Produce innovative digital images
- CUAFIM411 Obtain revenue to support operations
- CUAIND411 Extend expertise in specialist creative fields
- CUAIND412 Provide freelance services
- CUAIND413 Communicate effectively with arts professionals
- CUALGT411 Operate complex lighting
- CUALGT412 Implement lighting designs
- CUALGT413 Set up and operate lighting cues and effects
- CUAMWB401 Develop and implement own self-care plan in the creative industries
- CUAMWB402 Manage feedback on creative practice
- CUAMWB403 Prepare to work with confronting material and processes in the creative industries
- CUAPOS412 Manage media assets
- CUAPPM421 Contribute to organising productions
- CUAPPM422 Organise and facilitate rehearsals
- CUAPPM431 Compile production schedules
- CUAPPM432 Coordinate production operations
- CUAPPM433 Coordinate touring arrangements
- CUAPPR406 Plan work space

- CUAPPR411 Realise a creative project
- CUAPPR415 Develop and discuss ideas for own creative work
- 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
- CUARES403 Research history and theory to inform own arts practice
- 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

- CUAVSS401 Operate complex vision systems
- CUAWOO401 Experiment with techniques to produce wood objects
- FNSCUS411 Participate in negotiations
- HLTAID014 Provide advanced first aid
- HLTAID016 Manage first aid services and resources
- MEM05037 Perform geometric development\*
- MEM09002 Interpret technical drawing\*
- MEM12023 Perform engineering measurements
- MEM12024 Perform computations\*
- MSS014015 Improve sustainability through readily implementable change
- MSTAT3002 Develop patterns using basic patternmaking principles
- MSTAT4014 Assemble and fit bespoke garments
- MSTAT4013 Measure, lay up and cut bespoke garments
- MSTAT4008 Create standard-size garment patterns from existing blocks\*
- MSTGN4025 Use digital design tools
- MSTAT5013 Analyse individual fit and make pattern alterations\*
- PSPGEN124 Provide workplace coaching
- SITEEVT023 Plan in-house events
- SITXCOM010 Manage conflict
- SITXFIN009 Manage finances within a budget
- SITXHRM008 Roster staff
- SITXHRM009 Lead and manage people
- SITXMPR009 Coordinate production of brochures and marketing materials
- SITXMPR012 Coordinate marketing activities
- TAED414 Mentor in the workplace
- TLIA0003 Complete and check import/export documentation
- 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

## Specialisations

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

- CUA50425 Diploma of Live Production and Technical Services (Production Design)
- CUA50425 Diploma of Live Production and Technical Services (Sound)
- CUA50425 Diploma of Live Production and Technical Services (Vision)
- CUA50425 Diploma of Live Production and Technical Services (Costume)
- CUA50425 Diploma of Live Production and Technical Services (Lighting)
- CUA50425 Diploma of Live Production and Technical Services (Props)
- CUA50425 Diploma of Live Production and Technical Services (Live Production Management)
- CUA50425 Diploma of Live Production and Technical Services (Stage Management)
- CUA50425 Diploma of Live Production and Technical Services (Staging).

## Packaging rules to achieve a specialisation

### Production Design

- 5 Group B electives must be selected, and must include CUASET511 Design sets, CUACOS519 Design costumes and CUAPRP511 Design props.

### Sound

- 5 Group B electives must be selected, and must include CUASOU505 Implement sound designs, CUASOU506 Create a final sound balance and CUASOU512 Manage operation of stage monitor systems.

### Vision

- 5 Group B electives must be selected, and must include CUAVSS511 Design vision systems and CUAVSS502 Implement vision system designs.

### Costume

- 5 Group B electives must be selected, and must include CUACOS515 Coordinate costume manufacture, CUACOS516 Manage an off-site wardrobe department, and CUACOS510 Realise costumes.

### Lighting

- 5 Group B electives must be selected, and must include CUALGT511 Realise lighting designs, CUALGT512 Manage installation of lighting systems, and CUALGT514 Develop lighting designs.

### Props

- 5 Group B electives must be selected, and must include CUAPRP511 Design props, and CUAPRP512 Develop prop construction plans.

### Live Production Management

- 5 Group B electives must be selected, and must include CUAPPM511 Manage small-scale live productions, CUAPPM512 Realise productions, and CUAPPM513 Incorporate creative and technical needs into management processes.

#### Lighting

- 5 Group B electives must be selected, and must include CUALGT511 Realise lighting designs, CUALGT512 Manage installation of lighting systems, and CUALGT514 Develop lighting designs.

#### Stage Management

- 5 Group B electives must be selected, and must include CUASMT511 Stage manage productions and events, CUASMT513 Develop and maintain production documents, and CUASMT517 Assist in stage managing and calling performances.

#### Staging

- 5 Group B electives must be selected, and must include CUASTA511 Manage specialist staging operations\*, and CUASTA512 Manage show control operations.

### Pre-requisite Requirements

Unit of competency	Prerequisite requirement
CUACOS508 Cut and drape complex period costumes	CUACOS405 Develop expertise in pattern development for costume
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
CPCCLRG4001 Licence to perform rigging advanced level	CPCCLRG3002 Licence to perform rigging intermediate level
CUASTA414 Undertake arena rigging activities	CPCCWHS1001 Prepare to work safely in the construction industry  CUAWHS313 Apply work health and safety practices in a live production environment  RIIWHS204E Work safely at heights  CPCCLRG3002 Licence to perform rigging intermediate level

MSTAT5013 Analyse individual fit and make pattern alterations	MSTAT3002 Interpret patterns and apply pattern information
UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
CUAANM411 Create advanced 3D digital models	CUAANM313 Create 3D digital models
CUASTA412 Install and uninstall specialist staging equipment	CPCCWHS1001 Prepare to work safely in the construction industry  CUAWHS313 Apply work health and safety practices in a live production environment  RIIWHS204E Work safely at heights
MEM12024 Perform computations	MEM16006 Organise and communicate information  MEM13015 Work safely and effectively in manufacturing and engineering
MSTAT4008 Create standard-size garment patterns from existing blocks	MSTAT3002 Interpret patterns and apply pattern information
MEM05037 Perform geometric development	MEM16006 Organise and communicate information  MEM14006 Plan work activities  MEM12024 Perform computations  MEM13015 Work safely and effectively in manufacturing and engineering  MEM12023 Perform engineering measurements

	MEM09002 Interpret technical drawing
MEM09002 Interpret technical drawing	<p>MEM16006 Organise and communicate information</p> <p>MEM12024 Perform computations</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM12023 Perform engineering measurements</p>
MEM12023 Perform engineering measurements	<p>MEM16006 Organise and communicate information</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p>
CUASTA511 Manage specialist staging operations	CUASTA413 Operate flying systems
CPCCLRG3002 Licence to perform rigging intermediate level	CPCCLRG3001 Licence to perform rigging basic level
CPCCLRG3001 Licence to perform rigging basic level	CPCCLDG3001 Licence to perform dogging

## Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
CUA50425 Diploma of Live Production and Technical Services	CUA50420 Diploma of Live Production and Technical Services	All superseded imported units have been replaced with the most current unit. All deleted imported units have been removed.	Equivalent

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## Links

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>.