



Australian Government

CUA50420 Diploma of Live Production and Technical Services

Release 1

CUA50420 Diploma of Live Production and Technical Services

Modification History

| Release | Comments |
|-----------|----------------------------------------------------------------------------------------------|
| 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 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, 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 'CPCCWHS1001 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

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

CPCCWHS1001 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
CUAGRD502 Produce graphic designs for 2-D and 3-D applications
CUAGRD515 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

BSBATSIM514 Recruit and induct staff

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

BSBPUR501 Develop, implement and review purchasing strategies

BSBSTR501 Establish innovative work environments

BSBSTR502 Facilitate continuous improvement

BSBSUS511 Develop workplace policies and procedures for sustainability

BSBTWK501 Lead diversity and inclusion

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
PSPGEN048 Support workplace coaching and mentoring
PSPGEN072 Manage compliance with workplace relations legislation
SITEEVT007 Select event venues and sites
SITEEVT008 Manage event staging components
SITEEVT009 Organise event infrastructure
SITEEVT010 Manage on-site event operations
SITXGLC001 Research and comply with regulatory requirements
SITXMGT002 Establish and conduct business relationships
SITXMPR006 Obtain and manage sponsorship
SITXMPR008 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
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
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
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
FNSCUS401 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
MSS014008 Improve sustainability through readily implementable change
MSTCL3009 Develop patterns from a block using basic pattern making principles
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
MSTFD4020 Use electronic fashion design tools
MSTFD5019* Analyse individual fit and make pattern alterations

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
 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
 *Note the following prerequisite unit requirements:

| Unit in this qualification | Prerequisite unit(s) |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| CUAANM411 Create advanced 3D digital models | CUAANM313 Create 3D digital models |
| CUACOS508 Cut and drape complex period costumes | CUACOS405 Develop expertise in pattern development for costume |
| CUASTA414 Undertake arena rigging activities | CPCCLRG3002 Licence to perform rigging intermediate level |
| CUASTA511 Manage specialist staging operations | CUASTA413 Operate flying systems |
| MSTFD5019 Analyse individual fit and make pattern alterations | MSTCL3009 Develop patterns from a block using basic pattern making principles MSTFD4010 Create pattern to meet design specifications applying advanced patternmaking principle |

| Unit in this qualification | Prerequisite unit(s) |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEM05037 Perform geometric development | MEM09002 Interpret technical drawing MEM12023 Perform engineering measurements MEM12024 Perform computations MEM13015 Work Safely and effectively in manufacturing and engineering MEM14006 Plan work activities MEM16006 Organise and communicate 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 |
| 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:

- CUA50420 Diploma of Live Production and Technical Services (Production Design)
- CUA50420 Diploma of Live Production and Technical Services (Sound)
- CUA50420 Diploma of Live Production and Technical Services (Vision)
- CUA50420 Diploma of Live Production and Technical Services (Costume)
- CUA50420 Diploma of Live Production and Technical Services (Lighting)
- CUA50420 Diploma of Live Production and Technical Services (Props)
- CUA50420 Diploma of Live Production and Technical Services (Live Production Management)
- CUA50420 Diploma of Live Production and Technical Services (Stage Management)
- CUA50420 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.

Qualification Mapping Information

No equivalent qualification. Supersedes and is not equivalent to CUA50415 Diploma of Live Production and Technical Services. Supersedes and is not equivalent to CUA50513 Diploma of Live Production Design.

Links

Companion Volumes are available from VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>