



**Australian Government**

# **CUA40415 Certificate IV in Live Production and Technical Services**

**Release 1**

## CUA40415 Certificate IV in Live Production and Technical Services

### Modification History

Release	Comments
Release 1	This qualification first released with CUA Creative Arts and Culture Training Package version 2.0.

## Qualification Description

This qualification reflects the role of individuals working in a range of technical production jobs in creative arts industry 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.

### *Licensing/Regulatory Information*

#### **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, 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.

## Entry Requirements

To enter this qualification, individuals must provide evidence of their technical skills in either costume, lighting, scenery and props, screen and media, sound, staging or vision systems and the ability to:

- produce a body of work demonstrating the ability to respond effectively to workplace requirements associated with at least one stream in line with current industry standards
- apply a basic knowledge of trends and traditions in at least one area of technical production; and
- have completed CUAWHS302 Apply work health and safety practices or can demonstrate equivalence.

Those skills and knowledge may have been acquired through personal or work experience, or through formal study.

## Packaging Rules

**Total number of units = 16**

**5 core units** plus

**11 elective units** of which:

- 1 unit must be selected from Group A
- 5 units must be selected from Group B
- 3 units must be selected from Group B or Group C
- 2 units may be selected from listed electives in Groups A, B, C or D or any currently endorsed training package qualification or accredited course at Certificate IV level
- if not listed, 1 unit may be from any currently endorsed training package qualification or accredited course at Certificate III or Diploma level.

This qualification can provide for a specialisation in Costume for Performance. Refer to the Implementation Guide for details about choosing electives to support specialisation.

The elective units chosen must be relevant to the work environment and the qualification, maintain the integrity of the AQF alignment and contribute to a valid vocational outcome.

### Core units

BSBCRT402 Collaborate in a creative process

BSBLDR403 Lead team effectiveness

CPCCOHS1001A Work safely in the construction industry

CUAPPM401 Contribute to the organisation of productions

CUAIND403 Communicate effectively with arts professionals

### Elective Units

#### Group A

BSBWHS404 Contribute to WHS hazard identification, risk assessment and risk control

BSBWHS401 Implement and monitor WHS policies, procedures and programs to meet legislative requirements

**Group B**

CPCBC4021A Minimise waste on the building and construction site  
CPCCCM2003B Calculate and cost construction work  
CPCCLRG4001A\* Licence to perform rigging advanced level  
CUACOS401 Make costumes for dance and physical theatre  
CUACOS402 Make costume accessories  
CUACOS403 Develop expertise in costume component construction  
CUACOS404 Construct blocks for period costumes  
CUACOS405 Develop expertise in pattern development for costume  
LMTCL2001B Use a sewing machine  
LMTCL2003B Identify fibres and fabrics  
LMTCL2004B Sew components  
LMTCL3003B\* Perform garment repairs and alterations  
LMTCL3009B Develop patterns from a block using basic pattern making principles  
LMTCL4002A Assemble and fit commercially tailored or bespoke garments  
LMTCL4003A Measure, lay-up and cut custom-made garments  
LMTFD4010B Create pattern to meet design specifications applying advanced pattern making principles  
LMTFD4013B Grade 2D patterns  
LMTFD4015B\* Create pattern from block to meet customer specifications  
LMTFD4020B Use electronic fashion design tools  
LMTML4001A Undertake specific millinery construction techniques  
LMTML4002A Rejuvenate millinery  
CUALGT401 Operate complex lighting  
CUAPPM402 Coordinate production operations  
CUAPPM403 Coordinate touring arrangements  
CUAPRP401 Coordinate props  
CUAPRP402 Use casting and moulding techniques to make props  
CUAPRP403 Make props using mixed media  
CUAPRP404 Make prop furniture  
CUAPRP405 Construct mechanical props  
CUAPYR401 Manage safety and health requirements at fireworks displays  
CUAPYR402 Operate outdoor fireworks displays  
CUAPYR403 Plan outdoor fireworks displays  
CUAPYR404 Operate close proximity fireworks displays  
CUAPYR405 Plan close proximity fireworks displays  
CUASCE401 Create special effects for scenic art  
CUASET401 Make sets  
CUASET402 Construct mechanical sets  
CUAACD402 Experiment with moulding and casting techniques  
CUAWOO401 Experiment with techniques to produce wood objects  
CUASMT401 Assist in stage managing performances  
CUASMT402 Assist in stage managing creative rehearsals  
CUASMT403 Develop and implement production work plans  
CUASOU401 Mix live audio  
CUASOU402 Manage audio input sources  
CUASOU403 Manage audio system control networks  
CUASOU404 Manage wireless audio operations

CUASOU405 Record sound  
CUASOU406 Develop and implement sound plans  
CUASOU407 Perform advanced sound editing  
CUASOU408 Edit dialogue  
CUASOU411 Coordinate sound recording operations on location  
CUASTA401 Operate show control systems  
CUASTA402 Install and uninstall specialist staging equipment  
CUASTA403 Operate flying systems  
CUAVSS401 Operate complex vision systems  
CUABRD402 Vision mix television productions  
CUACAM401 Shoot a wide range of screen content  
CUALGT402 Implement lighting designs  
CUALGT403 Set up and operate lighting cues and effects  
CUAPOS402 Manage media assets  
CUAPPM411 Compile production schedules  
CUAPPM412 Organise and facilitate rehearsals  
CUASFX401 Create special effects items  
CUASFX402 Coordinate the logistics of special effects operations  
TLIA2009 Complete and check import/ export documentation  
UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace  
UEENEPP024A\* Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply  
UEENEPP026A\* Conduct in-service safety testing of electrical cord connected equipment and cord assemblies

### **Group C**

BSBPMG416 Apply project procurement procedures  
BSBADM405 Organise meetings  
BSBCMM401 Make a presentation  
BSBCON401 Work effectively in a business continuity context  
BSBDES401 Generate design solutions  
BSBDES402 Interpret and respond to a design brief  
BSBDES403 Develop and extend design skills and practice  
BSBIPR401 Use and respect copyright  
BSBLED401 Develop teams and individuals  
BSBMGT402 Implement operational plan  
BSBMKG408 Conduct market research  
BSBPUR402 Negotiate contracts  
BSBREL401 Establish networks  
BSBREL402 Build client relationships and business networks  
BSBSMB401 Establish legal and risk management requirements of small business  
BSBSMB402 Plan small business finances  
BSBSMB404 Undertake small business planning  
BSBWRT401 Write complex documents  
CUAIND401 Extend expertise in specialist creative fields  
CUAANM303 Create 3D digital models  
CUAANM401\* Create advanced 3D digital models

CUAIND402 Provide freelance services  
CUAACD401 Integrate colour theory and design processes  
CUADIG405 Produce innovative digital images  
CUAFIM401 Obtain revenue to support operations  
CUAPPR401 Realise a creative project  
CUAPPR405 Develop and discuss ideas for own creative work  
CUAPPR406 Plan work space  
CUARES403 Research history and theory to inform own arts practice  
FNCSUS401 Participate in negotiations  
HLTAID008 Manage first aid services and resources  
HLTAID006 Provide advanced first aid  
MSS014001A Improve sustainability through readily implementable change  
PSPGOV415A Provide workplace coaching  
SITXCOM401 Manage conflict  
SITXEVT401 Plan in-house events or functions  
SITXFIN402 Manage finances within a budget  
SITXHRM401 Roster staff  
SITXHRM402 Lead and manage people  
SITXMPR401 Coordinate production of brochures and marketing materials  
SITXMPR404 Coordinate marketing activities  
TAEDEL404A Mentor in the workplace

#### **Group D**

CUARES402 Conduct research  
CUAWHS302 Apply work health and safety practices  
BSBCRT301 Develop and extend critical and creative thinking skills  
BSBCRT401 Articulate, present and debate ideas  
BSBDES301 Explore the use of colour  
BSBDES302 Explore and apply the creative design process to 2D forms  
BSBDES303 Explore and apply the creative design process to 3D forms  
BSBDES304 Source and apply design industry knowledge  
BSBDES305 Source and apply information on the history and theory of design  
BSBDIV301 Work effectively with diversity  
BSBINN301 Promote innovation in a team environment  
BSBITU302 Create electronic presentations  
BSBITU303 Design and produce text documents  
BSBITU304 Produce spreadsheets  
BSBSMB301 Investigate micro business opportunities  
BSBSMB302 Develop a micro business proposal  
BSBSMB303 Organise finances for the micro business  
BSBSMB304 Determine resource requirements for the micro business  
BSBSMB305 Comply with regulatory, taxation and insurance requirements for the micro business  
BSBSMB306 Plan a home-based business  
BSBSMB307 Set up information and communications technology for the micro business  
BSBWOR301 Organise personal work priorities and development  
\*CPCCCA2002B Use carpentry tools and equipment  
\*CPCCCA2011A Handle carpentry materials

CPCCCM1013A Plan and organise work  
CPCCCM1015A Carry out measurements and calculations  
CPCCCM2001A Read and interpret plans and specifications  
\*CPCCCM2010B Work safely at heights  
\*CPCCCM3001C Operate elevated work platforms  
\*CPCCCJN3001A Use static machines  
CPCCLDG3001A Licence to perform dogging  
\*CPCCLRG3001A Licence to perform rigging basic level  
\*CPCCLRG3002A Licence to perform rigging intermediate level  
CPCCLSF2001A Licence to erect, alter and dismantle scaffolding basic level  
CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry  
\*CPCCCPD2012A Use painting and decorating tools and equipment  
\*CPCCCPD3021A Prepare surfaces for painting  
\*CPCCCPD3023A Apply texture coat paint finishes by brush, roller and spray  
\*CPCCCPD3024A Apply paint by spray  
\*CPCCCPD3028A Apply decorative paint finishes  
\*CPCCCSC2002A Erect and dismantle basic scaffolding  
CPCCVE1011A Undertake a basic construction project  
CPPSEC3017A Plan and conduct evacuation of premises  
CPPSIS3019A Perform basic drafting  
CUACOS301 Apply art finishing  
CUACOS302 Dress performers  
CUACOS303 Modify, repair and maintain costumes  
CUACOS304 Develop and apply knowledge of costume  
CUACOS305 Maintain costume continuity  
CUAFOH301 Provide seating and ticketing services  
CUAFOH302 Monitor entry to venues  
CUAIND301 Work effectively in the creative arts industry  
CUALGT301 Operate basic lighting  
CUALGT302 Repair and maintain lighting equipment  
CUAMKG301 Assist with marketing and promotion  
CUAPPM301 Assist with designing performance spaces  
CUASCE301 Paint scenic art elements  
CUASET301 Construct soft scenery  
CUASMT301 Work effectively backstage during performances  
CUASOU301 Undertake live audio operations  
CUASOU302 Compile and replay audio material  
CUASOU303 Repair and maintain audio equipment  
CUASTA301 Assist with production operations for live performances  
CUASTA302 Install staging elements  
CUASTA303 Operate staging elements  
CUASTA304 Maintain physical production elements  
CUAVSS301 Install and test vision systems  
CUAVSS302 Operate vision systems  
CUAVSS303 Repair and maintain vision system equipment  
CUAWOR301 Document equipment installation requirements  
CUACMP301 Implement copyright arrangements



CUADIG301 Prepare video assets  
CUADIG303 Produce and prepare photo images  
CUALGT303 Install and test lighting equipment  
CUALGT304 Install and operate follow spots  
CUALGT305 Operate floor electrics  
CUAPRP301 Assemble and maintain props  
CUASET302 Assemble and maintain sets  
CUASFX301 Maintain and repair special effects items  
CUASOU304 Prepare audio assets  
CUAIND303 Work effectively in the music industry  
CUAIND304 Plan a career in the creative arts industry  
CUAMLT302 Apply knowledge of style and genre to music industry practice  
CUAMPF301 Develop technical skills in performance  
CUAMPF304 Make a music demo  
CUASOU306 Operate sound reinforcement systems  
CUASOU308 Install and disassemble audio equipment  
CUAACD301 Produce drawings to communicate ideas  
CUAACD302 Produce computer-aided drawings  
CUAACD303 Produce technical drawings  
CUAACD304 Make scale models  
CUADIG305 Produce digital images  
CUAPPR304 Participate in collaborative creative projects  
HLTAID003 Provide first aid  
ICTICT306 Migrate to new technology  
ICTICT308 Use advanced features of computer applications  
ICTNWK305 Install and manage network protocols  
LMTFD3004B Draw a trade drawing for fashion design  
LMTTF2005A Translate information into measurements or diagrams  
LMTTF2006A\* Measure and scale geometric shapes  
MEM05001B Perform manual soldering/desoldering – electrical/electronic components  
MEM05012C Perform routine manual metal arc welding  
MEM05050B Perform routine gas metal arc welding  
MEM09002B Interpret technical drawing  
\*MEM09009C Create 2D drawings using computer aided design system  
MEM12024A Perform computations  
MEM16008A Interact with computing technology  
MSS014002A Evaluate sustainability impact of a work or process area  
SIRXMER201 Merchandise products  
SIRXMER303 Coordinate merchandise presentation  
SIRXSLS201 Sell products and services  
SITHFAB201 Provide responsible service of alcohol  
SITXCCS301 Provide lost and found services  
SITXCCS303 Provide service to customers  
TAEDEL301A Provide work skill instruction  
TLILIC2001A Licence to operate a forklift truck  
TLILIC2005A Licence to operate a boom-type elevating work platform (boom length 11 meters or more)  
TLILIC2014B Licence to drive light rigid vehicle

\*Note the following prerequisite unit requirements:

Unit in this qualification	Prerequisite unit
CPCCCA2002B Use carpentry tools and equipment	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCCA2011A Handle carpentry materials	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCCM2010B Work safely at heights	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCCM3001C Operate elevated work platforms	CPCCCM2010B Work safely at heights CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCJN3001A Use static machines	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCLRG3001A Licence to perform rigging basic level	CPCCLDG3001A Licence to perform dogging
CPCCLRG3002A Licence to perform rigging intermediate level	CPCCLRG3001A Licence to perform rigging basic level
CPCCLRG4001A Licence to perform rigging advanced level	CPCCLRG3002A Licence to perform rigging intermediate level
CPCCPD2012A Use painting and decorating tools and equipment	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction
CPCCPD3021A Prepare surfaces for painting	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCPD3023A Apply texture coat paint finishes by brush, roller and spray	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCPD3024A Apply paint by spray	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCPD3028A Apply decorative paint finishes	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCSC2002A Erect and	CPCCOHS2001A Apply OHS requirements, policies and

dismantle basic scaffolding	procedures in the construction industry
CUAANM401 Create advanced 3D digital models	CUAANM303 Create 3D digital models
LMTCL3003B Perform garment repairs and alterations	LMTCL2001B Use a sewing machine LMTCL2003B Identify fibres and fabrics LMTCL2004B Sew components
LMTFD4015B Create pattern from block to meet customer specifications	LMTCL3009B Develop patterns from a block using basic pattern making principles LMTFD4010B Create pattern to meet design specifications applying advanced pattern making principle
LMTTF2006A Measure and scale geometric shapes	LMTTF2005A Translate information into measurements or diagrams
MEM09009C Create 2D drawings using computer aided design system	MEM09002B Interpret technical drawing MEM16008A Interact with computing technology
UEENEPP024A Attach cords and plugs to electrical equipment for connection to a single phase 250 Volt supply	UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEPP026A Conduct in-service safety testing of electrical cord connected equipment and cord assemblies	UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUA40415 Certificate IV in Live Production and Technical Services	CUA40413 Certificate IV in Live Production and Technical Services	Qualifications merged to remove duplication.  Unit codes updated.	Equivalent qualification
	CUF40507 Certificate IV in Costume for	Updated to meet Standards for	No equivalent qualification

Code and title current version	Code and title previous version	Comments	Equivalence status
	Performance  AND  CUF40607 Certificate IV in Scenery and Set Construction	Training Packages.  Qualifications merged to remove duplication.  Core units changed.  Unit codes updated.	

## Links

Companion volumes are available from the IBSA website -  
[http://www.ibsa.org.au/companion\\_volumes](http://www.ibsa.org.au/companion_volumes)