



Australian Government

CUASTA401 Operate show control systems

Release: 2

CUASTA401 Operate show control systems

Modification History

Release	Comments
Release 2	This version released with CUA Creative Arts and Culture Training Package version 2.0. Updated assessment conditions section. Updated modification history section to reflect changed name of training package.
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 1.0.

Application

This unit describes the performance outcomes, skills and knowledge required to program and operate show control systems that store, play back and control audio, video, digital images and other inputs in a programmed sequence.

Individuals who apply these skills work autonomously in a team environment as they take responsibility for ensuring that technical elements of shows, presentations or installations deliver the desired effect.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Media and entertainment production - staging

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for show control operations	1.1 Liaise with relevant personnel to confirm timelines and show control requirements 1.2 Assess capabilities of available show control systems and reach agreement on ways to overcome shortcomings as required 1.3 Document plans that specify how show control requirements will be programmed to meet timelines

	1.4 Discuss plans with relevant personnel and amend as required
2. Input sources	2.1 Establish file paths for video and audio cues using appropriate file formats 2.2 Set musical instrument digital interface (MIDI) or similar device cues 2.3 Set trigger points for cues 2.4 Test and confirm external connections 2.5 Review settings to ensure that show requirements have been met and amend cues as required
3. Undertake show control activities	3.1 Participate in technical run-throughs to test show control operations 3.2 Modify programming of show control systems to take account of faults identified during technical run-throughs 3.3 Confirm cues are executed at appropriate points during shows, presentations or installations 3.4 Monitor equipment for correct operation and resolve problems as required
4. Complete post-show operations	4.1 Identify and complete necessary equipment adjustments, including maintenance and re-setting if required, in preparation for the next performance 4.2 Amend documentation as required 4.3 Identify problems with show control systems, take appropriate action and report to relevant personnel as required 4.4 In consultation with relevant personnel, evaluate effectiveness of show control operations and note areas for future improvement

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.2	Interprets information and specifications in user guides for show control systems
Writing	1.3, 4.2, 4.4	Generates documentation in relation to show control operations

		Documents outcomes of evaluations
Oral communication	1.1, 1.2, 1.4, 3.1, 3.4, 4.4	- Obtains information by listening and questioning - Discusses ideas and solutions in relation to show control operations
Numeracy	2.3	Makes precise calculations when setting show control timelines
Navigate the world of work	1.1, 1.3, 3.1, 4.1, 4.2, 4.3	Follows workplace protocols and safety procedures
Interact with others	1.1, 1.2, 1.4, 3.1, 3.4, 4.4	Works collaboratively with personnel involved in staging shows
Get the work done	1.1, 1.2, 1.3, 1.4, 2.1, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4	- Undertakes show control preparation and operations in a logical sequence - Assesses information about show control systems and devises the most effective way to meet creative requirements - Programs and operates show control systems to meet creative requirements - Recognises and takes responsibility for addressing predictable, and some less predictable, problems in show control operations - Meets work deadlines - Identifies improvement opportunities based on evaluations of show control operations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUASTA401 Operate show control systems (Release 2)	CUASTA401 Operate show control systems (Release 1)	Updated assessment conditions section. Updated modification history section to reflect changed name of training package.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for CUASTA401 Operate show control systems

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Performance Evidence

Evidence of the ability to:

- program and operate a show control system to create the sound, vision and movement effects required in a show, presentation or installation on at least two occasions
- work collaboratively.

Note: If a specific volume or frequency is not stated, then evidence must be provided for each of the above points at least once.

Knowledge Evidence

To complete the unit requirements the individual must:

- explain features of, and process for selecting, files in standard show control systems
- describe issues and challenges that typically arise when setting up and operating show control systems, along with solutions to address them
- explain musical instrument digital interface (MIDI) and show-based protocols and control mediums.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in creative arts industry environments. The assessment environment must include access to show control systems used for performances, presentations or installations.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational educational and training legislation, frameworks and/or standards.

Links

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