



Australian Government

CUASTA411 Operate show control systems

Release: 2

CUASTA411 Operate show control systems

Modification History

Release	Comments
Release 2	This version first released with CUA Creative Arts and Culture Training Package version 5.1. Version created to correct unit mapping error.
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 5.0.

Application

This unit describes 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. It involves confirming show control requirements, establishing input sources, operating control systems and completing post-show tasks.

The unit applies to those who 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

ELEMENT	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 Confirm timelines and show control requirements in consultation with required personnel 1.2 Assess capabilities of available show control systems and resolve issues as required in consultation with required personnel 1.3 Develop plan documents and specify how show control

ELEMENT	PERFORMANCE CRITERIA
	requirements will be programmed to meet timelines 1.4 Discuss plans with required personnel and amend as required
2. Input sources	2.1 Establish file paths for video and audio cues using applicable file formats 2.2 Set trigger points for cues 2.3 Test and confirm connections as required 2.4 Review settings and confirm show requirements are met
3. Undertake show control activities	3.1 Participate in technical run-throughs and test show control operations 3.2 Modify programming of show control systems in response to faults as required 3.3 Confirm cues are executed at required points during shows, presentations or installations 3.4 Monitor equipment for required operation and resolve problems as required
4. Complete post-show operations	4.1 Identify and complete required equipment adjustments, maintenance and re-setting 4.2 Identify problems with show control systems, take applicable action and report to required personnel as required 4.3 Evaluate effectiveness of show control operations and note areas for future improvement in consultation with required personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	Interprets information and specifications in user guides for show control systems
Oral communication	- Obtains information using listening and questioning techniques - Discusses ideas and solutions in relation to show control operations
Numeracy	Makes precise calculations when setting show control timelines
Self-management	- Follows workplace protocols and safety procedures - Meets work deadlines
Teamwork	Works collaboratively with personnel involved in staging shows

SKILL	DESCRIPTION
Planning and organising	• Undertakes show control preparation and operations in a logical sequence
Problem-solving	• Assesses information about show control systems and devises the most effective way to meet creative requirements • Recognises and takes responsibility for addressing predictable, and some less predictable, problems in show control operations
Technology	• Programs and operates show control systems according to creative requirements

Unit Mapping Information

Supersedes and is equivalent to CUASTA401 Operate show control systems.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for CUASTA411 Operate show control systems

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

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

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- features of, and process for selecting, files in standard show control systems
- issues and challenges that typically arise when setting up and operating show control systems, and solutions to address them
- internet protocol (IP) connectivity in the context of operating show control systems
- industry technology used to automate the operation of shows and show control systems
- common rigging and staging elements used in shows.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- show control systems used for performances, presentations or installations.

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

Links

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