



Australian Government

CUAVSS401 Operate complex vision systems

Release: 2

CUAVSS401 Operate complex vision 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 prepare and operate complex vision systems with multiple vision sources and display devices that require the use of media servers and control networks.

Individuals who apply these skills work autonomously in a team environment as they take responsibility for ensuring that vision systems for 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 - vision systems

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 vision system operations	1.1 In consultation with relevant personnel, clarify vision system requirements 1.2 Provide creative input into discussions and planning sessions about ways to realise visual concepts for shows or installations 1.3 Ensure that vision system equipment is appropriate for the type of installation and that sufficient operators are available

	1.4 Determine need for media servers and control networks and ensure that computer hardware, networks and operating systems are compatible as required 1.5 Anticipate problems that may arise during installation, testing and operational phases and plan accordingly 1.6 Incorporate safety and security considerations into planning the installation and operation of vision systems 1.7 Document and submit operational plans as required
2. Manage multiple vision outputs and displays	2.1 Input data and images into vision systems in a timely fashion and according to production or installation requirements 2.2 Advise where data or image sources do not meet quality and production requirements and propose options to resolve issues as required 2.3 Manipulate vision system applications to produce desired outcomes and to resolve problems that arise during rehearsals or testing phase 2.4 Install and test automated and interactive vision systems so that all functions operate as required 2.5 Install and calibrate vision outputs and displays 2.6 Operate multiple source and display vision systems during live shows or events and resolve problems with minimal disruption 2.7 Manage media servers and vision system control networks as required 2.8 Undertake routine maintenance of vision systems as required 2.9 Build trust and respect through effective use of communication skills
3. Evaluate vision system operations	3.1 Seek feedback from relevant personnel on effectiveness of vision system operations 3.2 Incorporate feedback as required into future planning 3.3 Review own work performance and adjust work practices accordingly

Foundation Skills

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

Skill	Performanc	Description
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	e Criteria	
Learning	3.3	Seeks the input of others to improve work performance
Writing	1.7	Develops operational plans in relation to vision system operations
Oral communication	1.1, 1.2, 2.2, 2.3, 2.6, 2.9, 3.1	- Obtains information by listening and questioning - Discusses ideas and solutions in relation to operating complex vision systems
Numeracy	2.4, 2.5	Applies mathematical calculations when calibrating and testing vision system equipment
Navigate the world of work	1.1, 1.6, 1.7, 2.1, 2.8	Follows workplace protocols and safety procedures
Interact with others	1.1, 1.2, 2.2, 2.3, 2.6, 2.9, 3.1	Works collaboratively to achieve joint outcomes
Get the work done	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 3.1, 3.2	- Adopts a methodical and logical approach to planning and operating a range of vision systems - Meets work deadlines - Uses knowledge of vision systems to contribute ideas about ways to realise visual concepts - Plans for contingencies - Recognises and takes responsibility for addressing predictable, and some less predictable, problems when operating complex vision systems - Plans improvements based on outcomes of evaluations of vision system operations - Installs, sets up and operates complex digital vision systems to meet creative requirements - Uses standard word processing and spreadsheet applications to prepare operational plans

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAVSS401 Operate complex vision systems	CUAVSS401 Operate complex vision systems (Release 1)	Updated assessment conditions section. Updated modification history section to	Equivalent unit

Code and title current version	Code and title previous version	Comments	Equivalence status
(Release 2)		reflect changed name of training package.	

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 CUA VSS401 Operate complex vision systems

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Performance Evidence

Evidence of the ability to:

- plan the operation of, and operate, vision systems that feature multiple sources and display devices, for at least two productions or installations
- work collaboratively with others involved in productions or installations.

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 the purpose and function of media servers and control networks in relation to vision systems
- describe issues and challenges that typically arise when setting up and operating complex vision systems, along with solutions to address them
- describe routine maintenance procedures for vision systems that need to be undertaken for both temporary and permanent installations.

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 complex vision systems used for performances, shows 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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