



Australian Government

CUAVSS501 Design vision systems

Release: 2

CUAVSS501 Design 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 design vision systems for productions in a diverse range of industries.

Individuals who apply these skills are expected to display a high level of initiative, judgement and responsibility as they negotiate creative solutions to design briefs with clients and production personnel.

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. Interpret creative briefs	1.1 Analyse design brief to determine overall vision system requirements 1.2 Participate in preliminary concept meetings with relevant personnel to discuss requirements 1.3 Identify factors that influence the design of vision systems 1.4 Clarify whether installation of vision systems is to be temporary or permanent and use answers to inform the design

	process
2. Conduct and evaluate research	2.1 Identify and source references that may inform the design process 2.2 Assess venues and critically analyse reference material in the context of design projects 2.3 Take account of the impacts and potential of new and emerging technologies to inform the design 2.4 Collect information and select equipment and accessories to develop initial design concepts
3. Generate and assess ideas for designs	3.1 Generate a range of ideas for designs that respond to briefs and provide creative solutions to technical issues 3.2 Discuss ideas and collaborate with relevant personnel to maximise their contribution of ideas to initial concepts 3.3 Continue to evaluate ideas about cost and time implications, technical feasibility, and suitability to meet briefs 3.4 Prepare preliminary documentation and brief relevant personnel
4. Develop and document designs	4.1 Hold ongoing discussions with relevant personnel so that additional or changed requirements and new ideas are considered and incorporated during the development of designs 4.2 Ensure that agreement is reached with relevant personnel in matters of artistic interpretation 4.3 Evaluate initial concepts and select the most appropriate approach, giving due consideration to budget, available time, and ongoing reflection and discussion 4.4 Use initial concepts as the basis for developing vision system designs 4.5 Accurately complete documentation according to organisational procedures 4.6 Ensure that vision system designs and plans can be achieved within budget constraints and production schedules 4.7 Incorporate relevant legislative and regulatory requirements into the vision system design
5. Finalise designs	5.1 Present draft vision systems plans and specifications to relevant personnel in an appropriate format 5.2 Participate in the initial and ongoing evaluation of draft designs 5.3 Negotiate and reach agreement on design modifications and amend documentation accordingly

	5.4 Agree to final designs and produce accurate and comprehensive documentation to support implementation 5.5 Present final designs, plans and specifications to relevant personnel and confirm that all requirements have been met
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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	1.1, 2.1, 2.2, 4.3	Organises, evaluates and critiques ideas and information from a range of complex written sources
Writing	4.4, 4.5, 5.1, 5.4	Generates documentation in relation to the design of vision systems
Oral communication	1.2, 1.4, 2.2, 3.2, 3.3, 4.1, 4.2, 4.3, 5.1, 5.2, 5.3, 5.4, 5.5	- Seeks the views and opinions of others - Obtains information by listening and questioning - Discusses ideas and solutions - Uses clear language to contribute information and express requirements
Numeracy	4.3, 4.6	Performs calculations to confirm that projected expenditure on design aspects of vision systems can be achieved within budget
Navigate the world of work	1.1, 1.3, 3.3, 4.3, 4.5, 4.6, 4.7, 5.1, 5.5	- Works independently and collectively with a strong sense of responsibility for goals, plans, decisions and outcomes - Takes responsibility for meeting legal and regulatory requirements within scope of own role - Applies organisational procedures when designing vision systems
Interact with others	1.2, 1.4, 2.2, 3.2, 3.3, 4.1, 4.2, 4.3, 5.1, 5.2, 5.3, 5.4, 5.5	- Responds to and draws on others' perspectives when negotiating the design of vision systems - Collaborates to achieve joint outcomes in the design process, playing an active role in facilitating effective group interaction, influencing direction and taking a leadership role on occasion

Get the work done	1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 5.1, 5.2, 5.3, 5.4, 5.5	• Uses a combination of logical planning processes and an understanding of context to identify relevant information and risks, and evaluate alternative strategies and resources • Manages time efficiently to meet work deadlines • Considers whether, and how, others should be involved, often using consultative or collaborative processes during the decision-making process • Invests time in developing and shaping several options before making a final choice, using a combination of lateral and analytical thinking • Manages time efficiently to complete tasks within deadlines • Applies knowledge of new and emerging technologies to the design process • Uses standard word processing and spreadsheet applications to prepare workplace documentation
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAVSS501 Design vision systems (Release 2)	CUAVSS501 Design vision 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 CUAVSS501 Design vision systems

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Performance Evidence

Evidence of the ability to:

- design vision systems that meet the requirements of at least two design briefs
- negotiate realistic design solutions that take technical issues into account
- 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 factors that need to be considered depending on whether vision systems are being installed on a temporary or permanent basis
- explain issues that need to be considered when designing automated and interactive vision systems and those with multiple input sources and output and display devices
- explain technical requirements and constraints associated with installing a range of vision systems
- describe typical formats for documenting vision system designs
- describe industry trends and developments that impact on the design and operation of vision systems.

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:

- appropriate practice and performance space
- resources and equipment used to develop basic acting skills.

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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