



Australian Government

CUABRD412 Vision mix productions

Release: 1

CUABRD412 Vision mix productions

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 5.0.

Application

This unit describes the skills and knowledge required to vision mix productions from a control room or an outside broadcast van. Individuals prepare vision mixing documentation, set up different effects and processes and ensure mixing is completed according to production requirements.

The unit applies to those who mix components from a variety of sources to create composite images, transitions and effects for live or pre-recorded television productions. They apply a broad range of technical and communication skills in an operational role.

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

Unit Sector

Media and entertainment production – Broadcasting

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 vision mixing documentation	1.1 Confirm production requirements with required personnel 1.2 Mark actions, effects and processes on scripts or production schedules according to organisational procedures 1.3 Prepare contingency plans for unscripted effects and processes that may arise during recordings in consultation with required personnel 1.4 Contribute to creative process as required
2. Set up for vision mixing	2.1 Select applicable vision mixing methods according to production requirements 2.2 Negotiate alternative strategies where designated effects and

ELEMENT	PERFORMANCE CRITERIA
	processes are beyond capabilities of available equipment 2.3 Check selected effects and processes are prepared, and monitors are working within specifications 2.4 Check vision sources can be accessed on vision mixing unit and previewed on monitoring equipment 2.5 Note key reference points and complexities requiring special attention during productions 2.6 Test equipment for technical problems and arrange for repairs or replacements as required
3. Mix vision	3.1 Preview sources throughout production process and put to air on cue 3.2 Respond to cues from production personnel according to production requirements 3.3 Perform transitions between vision sources and reassign sources as required 3.4 Assign effects and processes to applicable storage devices 3.5 Respond to equipment failure, unanticipated situations and different effects and processes according to production requirements 3.6 Monitor quality of creative and technical output during productions

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
Oral communication	- Explains production requirements using language and features appropriate to audience - Exchanges ideas through listening and questioning
Reading	Analyses vision mixing effects and processes and interprets textual information
Writing	Prepares and annotates documents related to productions
Planning and organising	Plans, organises and implements required tasks
Self-management	Understands and follows organisational procedures

SKILL	DESCRIPTION
Teamwork	• Works collaboratively and achieves required outcomes • Liaises, consults and negotiates with personnel using appropriate communication practices
Technology	• Documents and stores files using digital tools and technologies

Unit Mapping Information

Supersedes and is equivalent to CUABRD402 Vision mix television productions.

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 CUABRD412 Vision mix productions

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 5.0.

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:

- vision mix at least one production according to project requirements.

In the course of the above, the candidate must:

- prepare vision mixing documentation that clearly shows production timelines and strategies for dealing with unforeseen circumstances during productions
- explore different approaches to vision mixing with required personnel
- ensure vision mixing equipment is functioning correctly prior to start of productions
- facilitate smooth mixing of vision inputs and check required actions, effects and processes are cued
- communicate with required production personnel throughout mixing process
- mix different vision inputs that meet creative and technical requirements, in collaboration with required personnel
- develop contingency plans and resolve problems with equipment and vision inputs.

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:

- roles and responsibilities of production personnel involved with vision mixing operations
- the nature and style of typical effects and processes required for productions
- equipment and resources available for vision mixing, including any limitation of equipment
- productions that require vision mixing for broadcast across platforms, including:
 - television
 - webcasting
 - live streaming
- vision mixing methods that achieve creative and technical outputs

- organisational procedures for marking actions, effects and processes on scripts and production schedules
- common contingency plans used during productions
- strategies to resolve typical problems that arise in context of vision mixing productions.

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:

- facilities for television broadcasting, webcasting or live streaming
- vision mixing equipment
- broadcast materials
- interaction with others required to demonstrate the performance evidence.

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

Links

Companion Volume Implementation Guide is found on VETNet -

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