



Australian Government

CUAPOS502 Perform primary and secondary colour correction

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 2.0.

Application

This unit describes the skills and knowledge required to do high resolution conform and colour grading of moving images.

It applies to individuals who work in television and digital cinema and use and manipulate colour to create the overall look and colour of the final product, and make it available in appropriate files and formats. Colourists work with directors, producers, post-production supervisors, editors, audio post-production and technical staff.

Unit Sector

Media and Entertainment Production – Post-Production

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. Clarify post-production briefs	1.1 Confirm technical and creative briefs for proposed productions in consultation with relevant production personnel 1.2 Liaise with camera operators to select and test suitable codecs for acquisition 1.3 Evaluate creative treatment for colour grade of program 1.4 Select suitable colour grading software for the work 1.5 Test workflow for proposed media and rectify, if required, to confirm metadata is compatible with chosen software package 1.6 Ascertain deadlines for completion and modify approach to complete work on schedule
2. Prepare assets for	2.1 Check video monitor calibration, and organise correction as

ELEMENT	PERFORMANCE CRITERIA
colour grade	required 2.2 Choose suitable media drive with required performance for media assets 2.3 Ingest media and metadata assets and make required adjustments for any colourspace variations 2.4 Check transferred metadata correctly references desired edits and adjust as required 2.5 Perform backups of all supplied and generated media and metadata
3. Perform primary colour grade	3.1 Select appropriate lookup table (LUT) for media if required 3.2 Use technical scopes to read and check contrast and colour values 3.3 Adjust contrast of clips to achieve desired creative result 3.4 Adjust colour and saturation of clips to correct for imbalances and set to a neutral tone 3.5 Ensure sequential shots from scenes are suitably matched 3.6 Adjust contrast and colour to meet requirements of the brief
4. Perform secondary colour grade	4.1 Choose clips that require secondary colour grading 4.2 Make selective adjustments to parts of the images based on colour and contrast 4.3 Make selective adjustments to images based on preset and custom shapes 4.4 Combine multiple secondary corrections in the one clip 4.5 Adjust and change values of secondary colour corrections over time, if required 4.6 Create and store different colour grade versions of the same clip, if required 4.7 Make changes as required by relevant production personnel
5. Create and output deliverables	5.1 Check brief and supplied specification documents for required output files 5.2 Create low resolution output files 5.3 Create high resolution output files that comply with specification documents 5.4 Create metadata files if necessary 5.5 Archive all media and metadata according to enterprise

ELEMENT	PERFORMANCE CRITERIA
	procedures 5.6 Complete all required tasks within deadlines

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, 5.1	Interprets relevant documentation, extracts and reviews important information to establish job requirements
Writing	1.1,	Records and updates documentation with relevant information and instructions
Oral Communication	1.1, 1.2	- Uses clear, specific language to provide information, and discuss ideas, requirements and solutions - Uses listening and questioning techniques to obtain information and confirm understanding
Navigate the world of work	5.5	Understands and complies with enterprise procedures for storage of information
Interact with others	1.1, 1.2	Selects and uses appropriate communication methods and practices to discuss goals and outcomes
Get the work done	1.1, 1.4-1.6, 2.1-2.5, 4.1-4.7, 5.1-5.6	- Plans, organises and sequences complex tasks and workload - Analyses project documentation and feedback from others to make project-related decisions - Fully utilises features of vision and sound editing software and associated digital equipment to complete complex tasks

Range of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Technical scopes must include at least 2 of:	• waveform monitors • vectorscopes • RGB parades • histograms.
Colour grading software must include:	• primary colour grading with specific controls for blacks, whites, mid-tones, curves adjustment, saturation and hue • secondary colour grading capability with tools for selecting and colour grading specific parts of the image.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAPOS502 Perform primary and secondary colour correction	Not applicable	New unit	No 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 CUAPOS502 Perform primary and secondary colour correction

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Performance Evidence

Evidence of the ability to:

- interpret briefs and other production documentation and liaise with relevant personnel to meet production requirements and deadlines
- use industry standard colour grading software to colour grade moving images
- use media and metadata workflows when colour grading
- assess colour grading equipment for correct calibration
- apply attention to detail and assess and optimise image quality
- specify and use correct codecs and compression for media that is to be colour graded
- utilise file management protocols for transferring media from one software application to another
- organise and file media assets logically and accurately.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- explain differences in colour grading processes for television broadcasting, digital cinema and film
- explain ways colours are used to affect the mood of the audience
- explain current colour grading techniques and their applications
- explain typical issues and challenges of colour grading for complex screen productions, and describe solutions
- explain differences between different colour spaces.

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:

- colour grading equipment and software that has primary and secondary colour grading capability
- high quality moving images that require colour grading
- projects requiring different colour grading techniques.

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

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