



Australian Government

CUAPOS512 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 5.0.

Application

This unit describes the skills and knowledge required to do high resolution conform and colour grading of moving images. It involves interpreting briefs and preparing assets for colour grading, before completing primary and secondary colour grading.

The unit applies to those who work in television and digital cinema, and use and manipulate colour to create the overall look and colour of the final product. 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 Obtain brief and confirm production requirements and timelines in consultation with required personnel 1.2 Select and test codecs for acquisition in collaboration with camera operators 1.3 Evaluate creative treatment for colour grade of program 1.4 Select suitable colour grading software for work 1.5 Test workflow for proposed media and confirm metadata compatible with chosen software, rectifying if required
2. Prepare assets for colour grade	2.1 Check video monitor calibration and organise correction as required 2.2 Choose media drive with required performance for media assets 2.3 Ingest media and metadata assets and make required adjustments

ELEMENT	PERFORMANCE CRITERIA
	<p>for colour space variations</p> <p>2.4 Check transferred metadata references desired edits according to production requirements and adjust as required</p> <p>2.5 Perform backups of all supplied and generated media and metadata</p>
3. Perform primary colour grade	<p>3.1 Select lookup table (LUT) for media that meets production requirements where necessary</p> <p>3.2 Read and check contrast and colour values using <i>technical scopes</i></p> <p>3.3 Adjust contrast, colour and saturation of clips to correct for imbalances and set to neutral tone</p> <p>3.4 Ensure sequential shots from scenes are matched according to production requirements</p> <p>3.5 Adjust neutral tone for creative effect according to production requirements as required</p>
4. Perform secondary colour grade	<p>4.1 Choose clips that require secondary colour grading</p> <p>4.2 Make selective adjustments to parts of images based on colour, contrast or shapes</p> <p>4.3 Combine multiple secondary corrections in one clip</p> <p>4.4 Adjust and change values of secondary colour corrections over time as required</p> <p>4.5 Create and store different colour grade versions of same clip as required</p> <p>4.6 Discuss primary and secondary colour grading with required personnel and make changes as required</p>
5. Create and output deliverables	<p>5.1 Check production requirements and supplied specification documents for required output files</p> <p>5.2 Create low resolution output files</p> <p>5.3 Create high resolution output files and confirm compliance with specification documents</p> <p>5.4 Create metadata files as required</p> <p>5.5 Archive media and metadata according to organisational procedures</p>

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
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SKILL	DESCRIPTION
Oral communication	<ul style="list-style-type: none"> Provides information and discusses ideas, requirements and solutions using clear, specific language Obtains information and confirms understanding using listening and questioning techniques
Reading	<ul style="list-style-type: none"> Interprets required documentation, extracts and reviews important information and establishes job requirements
Writing	<ul style="list-style-type: none"> Records and updates documentation with required information and instructions
Initiative and enterprise	<ul style="list-style-type: none"> Analyses project documentation and feedback from required personnel and makes project-related decisions
Planning and organising	<ul style="list-style-type: none"> Plans, organises and sequences complex tasks and workload
Self-management	<ul style="list-style-type: none"> Understands and complies with organisational procedures for storage of information
Teamwork	<ul style="list-style-type: none"> Discusses goals and outcomes with colleagues using selected communication methods and practices
Technology	<ul style="list-style-type: none"> Uses features of vision and sound editing software and associated equipment

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. It is restricted to essential operating conditions and any other variables essential to the work environment.

Colour grading software must include:	<ul style="list-style-type: none"> 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
Technical scopes must include at least 2 of:	<ul style="list-style-type: none"> waveform monitors vectorscopes RGB parades histograms

Unit Mapping Information

Supersedes and is equivalent to CUAPOS502 Perform primary and secondary colour correction.

Links

Companion Volume Implementation Guide is found on VETNet -

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