

Specification of Competency Standards
for the Information & Communications Technology Industry
Unit of Competency

Functional Area - Operations Management

Title	Perform colourisation of digital video sequence
Code	107967L4
Description	This unit of competency applies to all Digital Media Technology (DMT) practitioners in the digital video production work. Colourisation is one of the last steps and one of the most important steps in preparing the video for output. It can involve from correcting improper white balance, making shots visually consistent from clip to clip (shot matching), to introducing new colour themes creating dramatic effects and visual tone to the video. In this UoC, the term colourisation includes 2 workflows of the post production process, colour correction and colour grading. Colour grading requires more creative decision making but the process uses the similar tools and skills as of colour correction.
Level	4
Credit	3
Competency	<p>Performance Requirements</p> <p>1. Knowledge for performing colourisation of digital video sequence</p> <ul style="list-style-type: none"> • Possess good knowledge of colourisation concept • Possess detail operation skills of current digital video editing software • Possess good knowledge and experience of digital video editing and enhancement techniques • Possess good knowledge and able to operate different colourisation filters/plugin-ins <p>2. Perform colourisation of digital video sequence:</p> <ul style="list-style-type: none"> • Comprehend and clarify colourisation work order requirement • Preparing for colourisation <ul style="list-style-type: none"> ○ Calibrate monitors to prevent colour shifting ○ Make a backup of the video sequence ○ Setup hardware and editing software ○ Install/Setup additional colourisation filters/plugins • Plan “Primary” and “Secondary” colourisation work in order to maintain image quality. For example: <ul style="list-style-type: none"> ○ Remove artefacts and de-noise ○ Balance shots by adjusting BLACK/MID/WHITE, SATURATION, and WHITE BALANACE ○ Realign shots ○ Add gradients, diffusion and other filters ○ Add vignettes ○ Grade the images ○ Resize and sharpen • Apply primary colourisation to correct luminance and chroma of the video sequence • Perform secondary (narrow range) colourisation of selected objects of the video sequence, such as: background, grass, face, windows, etc. • Perform additional colour grading as required by the work order, if any. Manipulate with filters/plugins within the editing software and decide which colourisation adjustments will give the desirable effects that is required by the work order • When satisfied with the colourisation result export the new video sequence for signoff and perform post editing administration (example: documentation, recoding of settings, etc.) as required by organisation

Specification of Competency Standards
for the Information & Communications Technology Industry
Unit of Competency

Functional Area - Operations Management

	<p>3. Exhibit professionalism</p> <ul style="list-style-type: none">• Apply industry colour standards, such as ICC and RGB, to ensure consistent colour appearance across equipment and enable universal communication
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ul style="list-style-type: none">• Grasp and clarify the colourisation work requirements• Be well prepared for the colourisation work, by having all the equipment and software installed and ready, including colour calibrating monitors• Plan and perform colourisation without degrading image quality• Complete and sign off the colourisation work on schedule
Remark	