



Australian Government

Department of Education, Employment and Workplace Relations

ICPMM322C Edit a digital image

Revision Number: 1

ICPMM322C Edit a digital image

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit describes the performance outcomes, skills and knowledge required to edit and manipulate an image captured digitally and to prepare for export to electronic image assembly.
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Application of the Unit

Application of the unit	This unit requires knowledge of digital image capture, and the integral properties and characteristics of preparation of colour separation for print and digital file handling.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Assess digital image	1.1. Digital image is opened and resolution parameters assessed against job specifications 1.2. Image is converted from RGB to CMYK colour space 1.3. Image characteristics are evaluated for colour and tone requirements
2. Edit digital image	2.1. Suitable software is engaged to enable print image profiling and/or <i>manipulation</i> to suit print requirement 2.2. Image is retouched to conform to job specifications 2.3. Local colour correction is employed to conform with job specifications 2.4. Tone correction is undertaken to conform with job specifications 2.5. Edited image is saved to conform with job specifications 2.6. Image storage requirements are identified and employed 2.7. Image is saved ready for export

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- OHS in relation to operating machinery such as safely switching off machinery before cleaning is started
- communication of ideas and information by communicating ideas and feedback from internal and external clients
- collecting, analysing and organising information by collecting and discussing information between client and work team members
- planning and organising activities by discussing and integrating digital image editing with other work team members as part of the workflow
- teamwork when sharing knowledge and information
- mathematical ideas and techniques by applying mathematical formula to determination of image resolution requirements
- problem-solving skills by identifying problems in quality and workflow and determining and implementing solutions
- use of technology by understanding technology applied in a coordinated manner

Required knowledge

- performing image editing
- circumstances that may require editing or manipulation
- why image profiling is required when preparing for printing
- why image storage is capability relevant
- selection of a JPEG or TIFF file format
- factors that may influence the grey balance and colour in the final result

Evidence Guide

EVIDENCE GUIDE	
<p>The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.</p>	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	<p>Evidence of the following is essential:</p> <ul style="list-style-type: none"> • photographed image meets the quality and look/feel requirements of the brief. The digital camera functions are used to capture the required image • understanding of image editing should be transferable across associated sectors of the printing industry • evidence for assessment may be gathered from assessment of the unit of competency alone or through an integrated assessment activity.
Context of and specific resources for assessment	<p>Assessment must ensure:</p> <ul style="list-style-type: none"> • assessment may take place on the job, off the job or a combination of these. Off the job assessment must be undertaken in a closely simulated workplace environment • appropriate image manipulation software, hardware and file storage capability.
Method of assessment	<p>The following assessment method is appropriate for this unit:</p> <ul style="list-style-type: none"> • direct questioning combined with review of portfolios of evidence and third party workplace reports of on-the-job performance by the candidate.
Guidance information for assessment	<p>Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.</p>

Range Statement

RANGE STATEMENT	
<p>The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.</p>	
<i>Input</i> may include:	<ul style="list-style-type: none"> digital camera device.
<i>Edit/manipulate</i> may include:	<ul style="list-style-type: none"> appropriate image edit/manipulation software.
<i>Output</i> may include	<ul style="list-style-type: none"> digital image storage capability and appropriate image digital proofing capability.

Unit Sector(s)

Unit sector	
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Competency field

Competency field	Multimedia
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Co-requisite units

Co-requisite units		