



**Australian Government**

# **CUAACD508 Refine model making skills**

**Release: 1**

## CUAACD508 Refine model making skills

### 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 refine techniques for the development of three-dimensional (3-D) physical models.

It applies to individuals working across a range of media and industry contexts who use well developed technical and creative skills to build 3-D models independently or as part of a team. The model could be used as a way of testing or presenting ideas. In some cases the model may be a finished work or artistic piece.

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

### Unit Sector

Visual communication – art, craft and design

### 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. Maintain professional practice	1.1 Comply with workplace expectations, and ethical and legal obligations in professional activities 1.2 Update information about creative approaches, techniques, materials and equipment relevant to model making 1.3 Identify techniques from other industries that could be applied to the development of scale models and make connections in own work 1.4 Source new ideas and trends through regular review of the work of others 1.5 Use feedback from others to improve own skills in design 1.6 Seek opportunities to develop technical and conceptual skills

ELEMENT	PERFORMANCE CRITERIA
2. Refine and consolidate own technique	2.1 Experiment with new techniques, materials and equipment when developing model making ideas 2.2 Identify strengths and weaknesses of various approaches through practice and play 2.3 Identify and select approaches best suited to own practice 2.4 Develop and document a design process that reflects own style and approach
3. Make models to professional standard	3.1 Interpret ideas, problem-solving tasks or briefs with creativity, accuracy and efficiency 3.2 Develop a clear plan and schedule for model making work 3.3 Select and assemble appropriate model making materials, tools, techniques and equipment consistent with specifications 3.4 Develop precise and accurate scale models as required 3.5 Identify opportunities for refinement and re-thinking and make adjustments as required 3.6 Communicate the design process and the final solution using detailed work documentation 3.7 Present maquettes and models that meet project requirements to key people

## 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	1.2, 1.4, 3.1, 3.3	<ul style="list-style-type: none"> <li>Interprets and evaluates a range of visual and textual information to generate ideas, clarify design project requirements and maintain awareness of industry trends and practices</li> </ul>
Writing	2.4, 3.2, 3.6	<ul style="list-style-type: none"> <li>Develops and refines a range of detailed textual and visual documents using clear language and industry specific terminology</li> </ul>
Oral communication	1.5, 3.7	<ul style="list-style-type: none"> <li>Uses detailed and clear language to present information to others</li> <li>Uses active listening and questioning techniques to</li> </ul>

		elicit information and confirm understanding
Numeracy	3.4	<ul style="list-style-type: none"> <li>Interprets measurements for the production of models</li> </ul>
Navigate the world of work	1.1, 1.2, 1.6	<ul style="list-style-type: none"> <li>Meets workplace expectations and takes responsibility for compliance with legal and ethical requirements associated with design work</li> <li>Updates and maintains knowledge of model making practice in order to perform role</li> </ul>
Get the work done	1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4 3.5, 3.7	<ul style="list-style-type: none"> <li>Sequences work to a plan, managing resource selection and assembly and the development and refinement of scale model designs and production processes to meet requirements</li> <li>Selects practical strategies to enhance and support industry expertise including peer feedback, self-directed inquiry and review</li> <li>Uses experimentation with new materials and techniques and critical analysis of outcomes to inform decisions</li> <li>Presents resolved solutions that meet all requirements</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAACD508 Refine model making skills	CUVACD508A Refine model making skills	Updated to meet Standards for Training Packages and clarify intent.	Equivalent unit

## Links

Companion Volume implementation guides are found in VETNet -

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