



**Australian Government**

# **BSBDES303 Explore and apply the creative design process to 3D forms**

**Release: 1**

## BSBDES303 Explore and apply the creative design process to 3D forms

### Modification History

Release	Comments
Release 1	This version first released with BSB Business Services Training Package Version 1.0.

### Application

This unit describes the skills and knowledge required to explore and creatively apply the design process to the development of three-dimensional (3D) forms.

It applies to individuals who work under supervision and apply an understanding of the design process using discretion and judgement.

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

### Unit Sector

Design – Design Process

### 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 Source information on 3D design	1.1 Identify and access relevant sources of information on 3D design 1.2 Evaluate and collate information to build knowledge of 3D design
2 Explore the creative design process for 3D forms	2.1 Use creative thinking techniques to generate a range of ideas and options 2.2 Use experimentation to explore and challenge a range of different ideas 2.3 Challenge assumptions, reflect on ideas and refine approaches 2.4 Consciously change perspective, and evaluate ideas and

ELEMENT	PERFORMANCE CRITERIA
	situations in new ways
3 Communicate concepts or ideas through application of design processes to 3D forms	<p>3.1 Investigate and reflect on how a particular concept or idea might be communicated in 3D form</p> <p>3.2 Select materials, tools and equipment relevant to the realisation of the concept or idea</p> <p>3.3 Apply a creative design process to produce a range of 3D concept realisations</p> <p>3.4 Reflect on own application of design process and success in communicating the concept or idea</p> <p>3.5 Seek and obtain feedback from others about the 3D form and its success in communicating the concept or idea</p> <p>3.6 Present and store concept realisations or samples in a format which takes account of the need for professional presentation and the work's potential value for future jobs</p>

## 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, 1.2, 3.1	<ul style="list-style-type: none"> <li>Interprets textual information from relevant sources to determine and adhere to requirements</li> </ul>
Writing	2.1, 3.6	<ul style="list-style-type: none"> <li>Produces a range of text types using appropriate vocabulary, grammatical structure and referencing conventions</li> </ul>
Oral Communication	2.1-2.3, 3.5	<ul style="list-style-type: none"> <li>Participates in verbal exchanges using vocabulary, style and tone appropriate to audience</li> <li>Uses listening techniques to clarify understanding</li> </ul>
Numeracy	3.1, 3.3, 3.5	<ul style="list-style-type: none"> <li>Performs mathematical calculations required to produce 3D concept designs</li> </ul>
Get the work done	1.1, 1.2, 2.1-2.4, 3.1-3.4, 3.6	<ul style="list-style-type: none"> <li>Plans and organises tasks required to achieve outcomes</li> <li>Identifies ideas in use in other contexts and considers how they might be applied in own context</li> <li>Selects and adopts new ideas to improve a process in immediate work context</li> <li>Takes responsibility for routine low-impact decisions</li> </ul>

		<p>within familiar situations</p> <ul style="list-style-type: none"><li>• Evaluates effectiveness of decisions on how well they meet stated goals</li></ul>
--	--	---

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
BSBDES303 Explore and apply the creative design process to 3D forms	BSBDES303A Explore and apply the creative design process to 3D forms	Updated to meet Standards for Training Packages	Equivalent unit

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=11ef6853-ceed-4ba7-9d87-4da407e23c10>