



Australian Government

CUALLN201 Use basic measuring and calculating skills

Release: 1

CUALLN201 Use basic measuring and calculating 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 performance outcomes, skills and knowledge to measure quantities in standard units and carry out basic calculations involving these quantities.

It applies to individuals who wish to develop their basic numeracy skills in support of them entering or working in the Aboriginal and Torres Strait Islander visual arts industry. Skill development at this level will generally require assistance from a support person.

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

Unit Sector

Aboriginal and Torres Strait Islander visual arts

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. Select appropriate measurement method	1.1 Confirm measurement requirements 1.2 Determine correct unit of quantity related to measurement requirements 1.3 Select appropriate measuring equipment
2. Obtain measurements	2.1 Identify and use measuring technique appropriate to task 2.2 Take accurate measurements
3. Carry out simple calculations with measurements	3.1 Determine information to be calculated according to requirements 3.2 Complete calculations involving quantities, using the appropriate

ELEMENT	PERFORMANCE CRITERIA
	mathematical operation 3.3 Check accuracy of calculations 3.4 Communicate and record information as required, including appropriate use of symbols for units of measurement

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
Writing	3.4	Produces text using simple conventions
Numeracy	1.1, 1.2, 1.3, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4	- Identifies and comprehends relevant information - Selects and uses a range of measurement techniques and equipment to make accurate measurements - Uses formal and informal oral and written mathematical language and representation to communicate measurements and calculations
Interact with others	1.1, 3.1, 3.4	- Identifies the main mathematical information from oral and written communication - Uses appropriate vocabulary and symbols
Get the work done	1.1, 1.2, 1.3, 2.1, 2.2, 3.1, 3.2, 3.3, 3.4	- Plans and implements routine measurements - Makes decisions in familiar measurement situations - Applies standard solutions to problem solving and reviews outcomes to check for accuracy - Uses the main functions of common digital tools to complete measurement and calculation tasks

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUALLN201 Use basic measuring and	CUVLLN201 Use basic measuring and	Code updated to reflect change of training	Equivalent unit

Code and title current version	Code and title previous version	Comments	Equivalence status
calculating skills	calculating skills	package name. Minor edits to wording of assessment conditions.	

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for CUALLN201 Use basic measuring and calculating skills

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Performance Evidence

Evidence of the ability to:

- apply problem-solving skills to measurement and calculation requirements and information
- measure quantities accurately using appropriate measuring equipment
- record measurements and calculations using appropriate symbols for units of measurement
- apply simple mathematical operations:
 - addition
 - subtraction
 - multiplication
 - division
- complete basic calculations using ‘in the head’ method and pen and paper
- use a calculator or digital tool to complete basic calculations.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- identify the correct measuring equipment related to a unit or quantity
- read numbers, including fractions and decimals
- explain the use of the decimal point
- list metric units of measurement relevant to own work
- recognise common mathematical symbols used in mathematical operations and related to units of measurement.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in Aboriginal and Torres Strait Islander visual arts industry environments. The assessment environment must include access to:

- measuring equipment
- a calculator and/or digital tools
- culturally appropriate processes and techniques suited to the language and literacy capacity of learners and the work being performed.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational educational and training legislation, frameworks and/or standards.

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