



Australian Government

FSKNUM041 Use chance and probability calculations for work

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with FSK Foundation Skills Training Package Version 2.0.

Application

This unit describes the skills and knowledge to use chance and probability to estimate and interpret the outcomes of common chance events in both numerical and qualitative terms. It includes extracting and interpreting common chance information, calculating chance and probabilities for workplace tasks, and communicating chance and probability information.

An individual performing these tasks works independently and uses support from a range of established resources.

This unit applies to individuals who use, or are preparing to use, numeracy skills to complete workplace activities. This includes existing workers and individuals preparing for employment through vocational education and training. This unit should be integrated and contextualised with vocational training to support achievement of vocational competency.

This unit is aligned to, but does not fully address, the Australian Core Skills Framework (ACSF) numeracy core skill indicators .09, .10 and .11 at level 4 in the workplace and employment domain of communication.

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

Unit Sector

Numeracy

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. Extract and interpret common chance information	1.1 Identify, interpret and extract common chance and probability information embedded in a range of written workplace tasks and texts 1.2 Identify and interpret common chance and probability

Element	Performance Criteria
	information embedded in workplace tasks and texts to complete workplace task
2. Calculate chance and probabilities for workplace tasks	2.1 Select mathematical and problem solving strategies to undertake workplace task 2.2 Identify workplace task/event for probability calculation and define events and outcomes 2.3 Conduct experiments and display results 2.4 Interpret the outcome of common chance event in numerical and qualitative terms 2.5 Check and reflect on mathematics used, outcomes, and workplace and real-world implications using estimation and evaluation techniques
3. Communicate chance and probability information	3.1 Use formal, informal and some specialised written mathematical representation to document, interpret and communicate chance and probability processes, results and implications 3.2 Use formal, informal and some specialised mathematical language to discuss and explain chance and probability processes, results and implications

Foundation Skills

This section describes language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=f572fe10-a855-4986-9295-3852c771f178>