



Australian Government

Assessment Requirements for FSKNUM029

Use introductory graphical techniques 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.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- perform multi-step mathematical problem solving processes involving linear relationships to complete a complex workplace task, including:
 - identifying applications and variable that can be analysed using linear relationships in the workplace and
 - collecting data and modelling via graphing the situations and variables with the use of linear equations
 - analysing and interpreting the resulting graphical analysis, relationships and outcomes
 - making estimations to check problem solving outcomes and determine appropriate accuracy required for task
 - evaluating mathematic processes used and outcomes obtained, and evaluating implications for workplace task
 - use of relevant technology, applications or computer software.
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Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- common workplace issues that can be investigated through the use of linear graphical analysis
- informal and formal symbolic notation, representation and conventions of Cartesian graphs (origin, axes, coordinates)
- purpose and application of algebraic expressions and formulae to workplace tasks
- common linear relationships relevant to workplace
- purpose and use of relevant technology, such as scientific or CAS calculator, spreadsheets or graphing software
- estimation and evaluation processes

- implications of calculations and results for workplace tasks
- specialised, formal and informal mathematical written and oral language and symbolism.
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Assessment Conditions

Competency is to be assessed in the workplace, a workplace simulated environment or a vocational training context.

Assistive technologies can be utilised to assist with oral and written communication.

Skills must be demonstrated independently using complex texts and tasks that reflect those typically found in a workplace.

The following resources are to be made available:

- a scientific calculator, computer software or paper Cartesian plane
- data utilised in the performance evidence
- own familiar support resources.

Assessors must:

- satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards, and
- have sound knowledge of the ACSF and performance features of the ACSF level being assessed, and
- have demonstrable expertise, knowledge and skills in the vocational contextualisation and assessment of the core skill, numeracy, and
- have completed the following or equivalent:
 - TAESS00009 Address Foundation Skills in Vocational Practice Skill Set; or
 - a higher level education qualification, such as:
 - TAE80113 Graduate Diploma of Adult Language, Literacy and Numeracy Practice (and its equivalent TAE70111); or
 - Bachelor of Education, Graduate Certificate or Graduate Diploma of Education, or higher. This may include qualifications relating to TESOL, adult education or vocational education.
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Links

Companion Volume Implementation Guide is found on VETNet -

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