



SUMMARY OF PROPOSED CHANGES

Project: Update to Graduate Diploma of Engineering

This document has been developed to provide a detailed summary of changes and why including mapping information to support Registered Training Organisations.





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Graduate Diploma of Engineering - What's changed.

Phase 5 – Assurance Body Submission

TBD.

Phase 4 – Senior Officials Check

TBD.

Phase 3 – Incorporating feedback

Post consultation, key stakeholders have informed the qualification should be made equivalent as the occupational outcomes for the qualification remain unchanged. The feedback has been incorporated into the draft qualification.

Phase 2 – Public and Government Consultation

Refer to the consultation log to view feedback and responses.

Phase 1 – Initial Development

Training package components

The following information identifies the changes that have been made to each of the affected qualification. New codes have been provided in brackets.

Major changes

QUALIFICATIONS:

MEM80122 (MEM80125) Graduate Diploma of Engineering.

Release 1. Packaging rules changed to bring the total to 10 units of competency consisting of 3 core and 7 electives to support articulation arrangements.

MSS407026 Lead a process to determine and solve root cause for a complex problem, added to Group A.

Group B elective table added to the qualification to allow for selection of more relevant units to meet job role requirements.

- 13 additional units added in Group B to meet prerequisite requirements to other units:



- MEM13015 Work safely and effectively in manufacturing and engineering
- MEM14088 Apply maintenance engineering techniques to equipment and component repairs and modifications
- MEM14092 Integrate maintenance fundamentals into an engineering task
- MEM16006 Organise and communicate information
- MEM16008 Interact with computing technology
- MEM23003 Operate and program computers and/or controllers in engineering situations
- MEM23004 Apply technical mathematics
- MEM23006 Apply fluid and thermodynamics principles in engineering
- MEM23007 Apply calculus to engineering tasks
- MEM23109 Apply engineering mechanics principles
- MEM30005 Calculate force systems within simple beam structures
- MEM30006 Calculate stresses in simple structures
- MEM30012 Apply mathematical techniques in a manufacturing engineering or related environment

The qualification supersedes and is not equivalent to MEM80122 Graduate Diploma of Engineering.

Graduate Diploma of Engineering – Mapping Information

Qualification mapping to MEM Release 5.0

Current code	Current title	New code	New title	Component type	Status	E = Equivalent NE = Non-Equivalent
MEM80122	Graduate Diploma of Engineering	MEM80125	Graduate Diploma of Engineering	<u>Qual</u>	<u>Revised</u>	E



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