



Manufacturing Industry Skills Alliance

Annual Training Product Development Plan FY22/23 (V2)

The Manufacturing Industry Skills Alliance's Annual Training Product Development Plan outlines the training products to be developed and the project timelines. The plan also describes the industry need for the work, the scope of work to be undertaken and the reasoning for the prioritisation.

All projects will be undertaken in accordance with the principles of the [Training Product Development Methodology](#) which aligns to the requirements of the [Training Package Organising Framework](#).

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Annual Training Product Development Plan 22/23

Title	Descriptor	Scope	Prioritisation	Commencement Date	Completion Date
MEM Manufacturing and Engineering Training Package					

MEM: Review of Trade-Related CNC Skills

This project proposed the development of up to 10 units associated with 21 qualifications in the *MEM Manufacturing and Engineering Training Package* (MEM).

Initial research and consultation undertaken in the MEM Review of Trade Related CNC Skills Project provided valuable intelligence on advances in CNC technology and programming and related skills and job roles. The intelligence identified issues that need to be considered by the MEM industrial parties prior to Training Package product development work. The project has been discontinued to enable due processes to address these issues.

This project has been discontinued.

N/A

30 June 2023

1 December 2023

Annual Training Product Development Plan 22/23

Title	Descriptor	Scope	Prioritisation	Commencement Date	Completion Date
<p>MEM: Non-Destructive Testing Skills</p> <p>This work will see the update of 19 units associated with 10 qualifications, and a skill set in the <i>MEM Manufacturing and Engineering Training Package</i> (MEM).</p>	<p>Revised international standards for non-destructive testing (NDT) which underpin certification for NDT technicians, has impacted units in the <i>MEM Manufacturing and Engineering Training Package</i> (MEM). The ISO standards have been adopted in Australia and there is now a need to ensure that MEM units and qualifications reflect current industry practice. It is critical for the training products to be urgently updated, in line with the new industry standards, to remain relevant to current practice for certification of materials, products, and structures through NDT testing. These updates will impact 19 NDT units used extensively across both trade, post-trade, and technician occupations.</p>	<p>This work is expected to see the review and update of 19 units covering non-destructive testing to align with ISO standards and certification of NDT technicians.</p> <p>The units are associated with the below 10 qualifications and a skill set to ensure these skills are appropriately reflected to support job roles:</p> <ul style="list-style-type: none"> • MEM50422 Diploma of Engineering – Non-Destructive Testing • MEM30119 Certificate III in Engineering - Production Systems • MEM30219 Certificate III in Engineering - Mechanical Trade • MEM30522 Certificate III in Engineering – Technical • MEM31922 Certificate III in Engineering - Fabrication Trade • MEM40119 Certificate IV in Engineering • MEM50119 Diploma of Engineering - Advanced Trade • MEM50222 Diploma of Engineering – Technical • MEM50522 Diploma of Engineering – Materials • MEM60122 Advanced Diploma of Engineering • MEMSS00002 Non-Destructive Testing - Level 2 NDT practitioner 	<p>Variation approved 1 December 2023</p> <p>The project's fast-track priority status reflects the urgent need to ensure that training reflects updated international standards for non-destructive testing (ISO9712:2021) which were adopted in Australia in early 2023.</p>	30 June 2023	28 June 2024