



Micro Credentials

Smart Skills for Advanced Manufacturing

Gain in-demand industry skills with MEMKO's suite of micro credentials. Develop career-ready capabilities in innovative areas that are relevant to the needs of businesses today and tomorrow.



Master classroom training environment (online or face-to-face) self-paced or instructor led



Courses across 6 domains in advanced manufacturing



Applied learning through assessments and hands-on work using digital tools



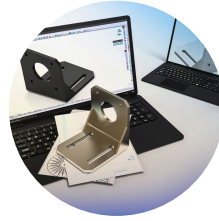
Multi-industry applicable, including Aerospace, Transportation and more

Course Themes



Digital Twin

Understand the value of digital twin and the methods of delivering a digital twin roadmap for your business



Composite Materials

Introduction to composite design and fabrication, as well as structural and thermal simulations (Finite Element Analysis - FEA)



Model-Based Systems Engineering

Understand MBSE languages, like SysML, as well as the methods and tools for application in designing a system



Digital Manufacturing

Provides an understanding of the tools, technologies and strategies involved in digitalisation and optimisation of your manufacturing operations



PLM

Address the need for an efficient PLM system to track and trace data in its entire lifecycle for better management and output



Additive Manufacturing

Deep dive into the different additive manufacturing techniques, modelling techniques, their materials and applications to industry



CATIA Design

Develop complex designs efficiently to meet industry demands. Dive into the world of digital design using best-in-class 3D CAD modelling software CATIA.

Course duration and pricing may vary depending on course.

Get in touch with us for a detailed discussion and see how our courses can work for you

For further information, please contact:

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About MEMKO Systems

MEMKO Systems is an Australian-based company with multidisciplinary engineering capabilities supported by highly experienced and skilled staff with an extensive track record working with global OEMs, Defence Primes, and Government Agencies. MEMKO Systems delivers advanced manufacturing solutions, digital transformation technologies and industry upskilling trainings. Quality management system is ISO9001 and ISO27001:2013

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Capability Areas

Analysis, Modelling & Simulation	✓
Digital Twin & MBSE as a Service	✓
Design & Engineering	✓
Infrastructure as a Service	✓
Deployment, Support and Upgrade Services	✓
Training Courses	✓