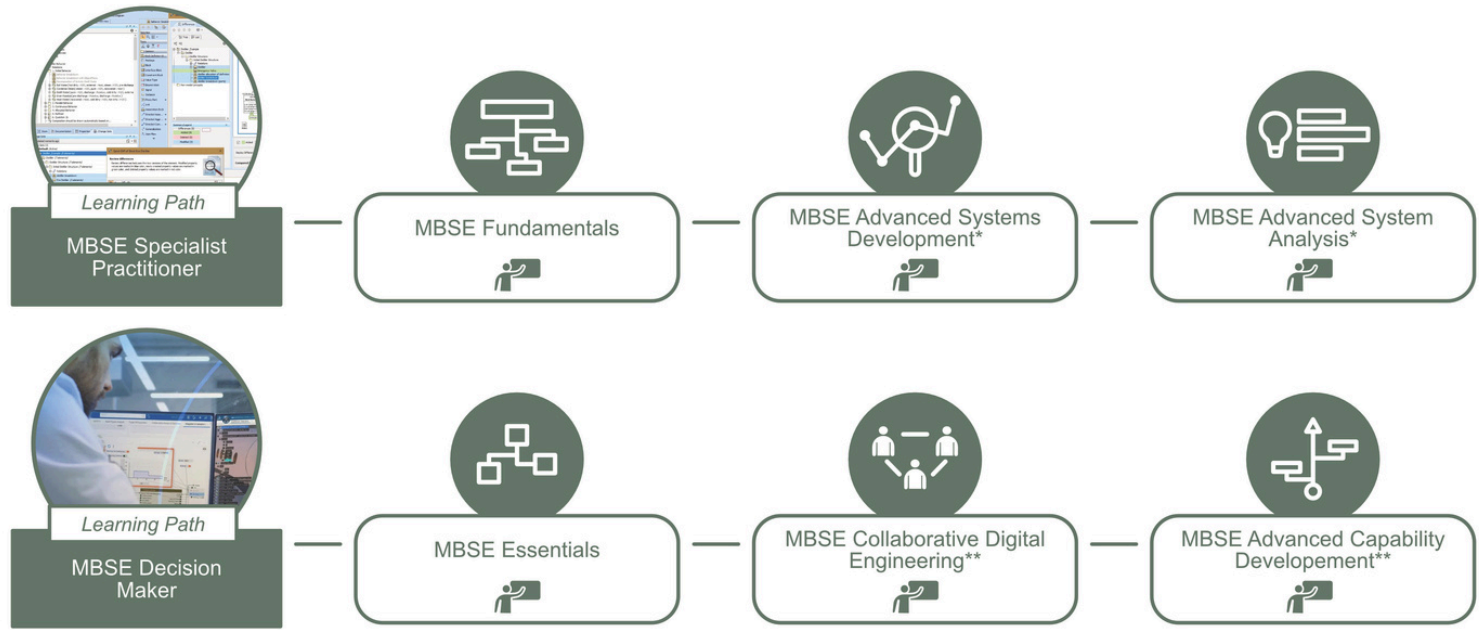


MBSE Micro Credentials

Upskilling and digital tool trainings

Unlock your potential with our Model Based Systems Engineering (MBSE) Excellence program, featuring two tailored pathways to suit your learning needs.

Choose to emerge as an **MBSE Specialist**, mastering a full spectrum of technical skills, or as an **MBSE Decision Maker**, equipped to lead strategic initiatives. Elevate your systems engineering expertise and stay ahead with our targeted, skill-enhancing courses.



* Pre-requisite: MBSE Fundamentals
 ** Pre-requisite: MBSE Essentials or MBSE Fundamentals



MBSE Fundamentals

This course is fundamental for learners to understand systems engineering and its application areas. The coursework includes gold standard industry toolkit - CATIA Magic which is the most advanced toolkit for applied systems engineering. The coursework includes self-paced learning materials with videos, case studies, and recorded lectures for advanced learnings.



Duration

5 Contact Days



Suitable For

Principal Engineers, System Engineers,
System Architects



Study Mode

Online or In-Person

What is Covered

- Understand the application of MBSE Languages, Methods and Tools
- Introduction to the SysML MBSE Language
- Understand the SysML language features required to define static and dynamic system models
- Understand how to apply SysML modelling in MBSE tools
- Understand the application of MBSE as part of a Digital Engineering solution

Expected Outcomes

- Detailed understanding of steps involved into building digital twin
- Understanding of the forms of digitisation
- Develop a roadmap to digitisation of processes linked to value rather than tool
- Prepare organisation structure to support digitisation execution
- Set up KPI's to measure the progress of journey
- Knowledge to engage service and tool providers to address requirement of the business

For enquiries about pricing or course delivery, please contact us for a detailed discussion

For further information,
please contact us:

📍 Level 28, 303 Collins St, Melbourne, VIC

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✉ info@memko.com.au

🌐 memko.com.au

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 training. 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	✓