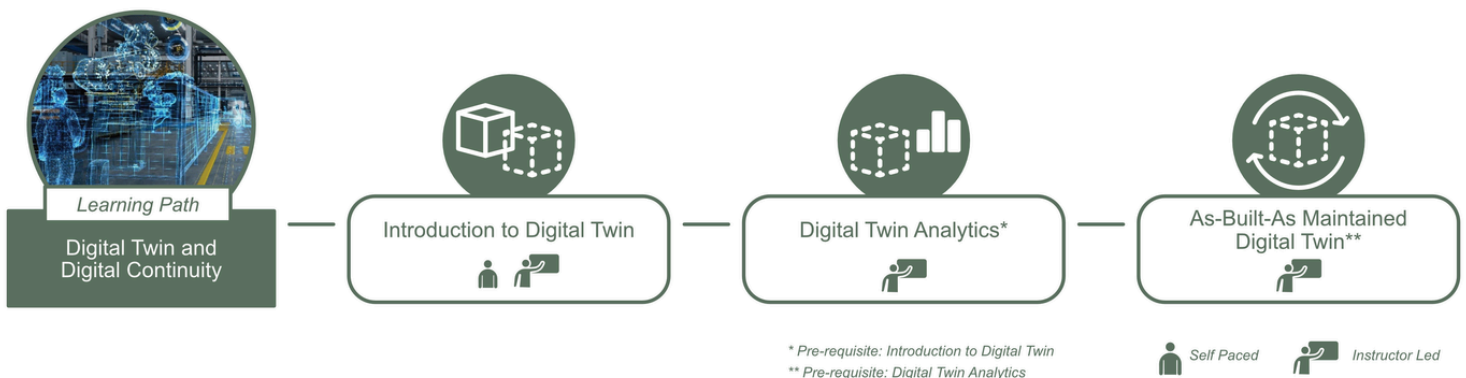# Digital Twin and Continuity
## Upskilling and digital tool training

Immerse yourself in the **Digital Twin and Continuity stream** and master the entire Digital Twin journey - from concept and creation to implementation and automation - with our microcredential courses.

This transformative pathway not only deepens your understanding of key industry phenomena but also empowers you to build and run your very own digital twin, giving you a competitive edge in the field.



*Learning Path*

Digital Twin and Digital Continuity

Introduction to Digital Twin

Digital Twin Analytics*

As-Built-As Maintained Digital Twin**

\* Pre-requisite: Introduction to Digital Twin
\*\* Pre-requisite: Digital Twin Analytics

Self Paced          Instructor Led

*Developed by industry for industry, courses can be delivered online or face-to-face, with self-paced or instructor-led options available. Fundamental courses can be followed on by advanced courses, contact us for a discussion on learning pathways.*

# Introduction to Digital Twin

This course provides learners with a foundational understanding of the digital twin concept, its value and industry applications. Learners will gain knowledge and skills in how a digital twin can be applied to support business decision-making in an increasingly data-driven world. The coursework includes self-paced learning materials with videos, tool applications, case studies, recorded lectures, and peer reviewed journals for advanced learnings.



**Duration**

15 Contact hours

**Suitable For**

Engineers, Managers, Data Scientists

**Study Mode**

Online or In Person

## What is Covered

- Understand Value of Digital Twin
- Understand Applications of Digital Twin to Industry
- Decision making for Digital Twin Enablement
- Explore factors driving digital transformation and Digital Twins.
- Explore the relevance of Digital Twins to the future state of a business
- Enable management decision making in Digital Twins.
- Get ready for a data driven world.
- Create your own Digital Twin

## Expected Outcomes

- Define digital twin and associate its relevance to your workplace
- Detailed understanding of steps involved into building a digital twin
- Understand the background of digital twin and their applications in industry
- Develop a digital transformation roadmap
- Gain knowledge on service and tool providers to address the 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
- +61 3 8605 7777
- 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

*Capability Areas*

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