MICROCREDENTIAL COURSES

Introduction to Digital Manufacturing

This 3-day course will help learners understand the trends and segments of Digital Manufacturing. It will provide a broad understanding of tools, technologies and the strategies involved in Digitisation of your manufacturing operations. The coursework offers instructor-led learning resources along with the essential tools and a digital environment designed for advanced learning.

Monday 20th – Wednesday 22nd April 2026
9:00am – 4:30pm

Venue:
Delivered Online via Microsoft Teams.
The meeting link will be sent via email to participants following confirmed payment.

Course managed by MEMKO Systems, ABN 89 619 452 158

COURSE REGISTRATION

Introduction to Digital Manufacturing: Virtual

Name: _

Company: _

Address: _

_ _

Telephone: _ _ _ _ _ _ _ _ _

E-mail: _

Registrations close Friday 10th April 2026

Email this form with your payment details to:

MEMKO Systems
Email: training@memko.com.au

Payment Method:

☐ Bank transfer ($2,310) to MEMKO Systems P/L BSB 033-060 Ac 437504
☐ Charge my credit card:

☐ Visa ☐ MasterCard Amount: $ 2,310

Number: _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ CVC: _ _ _ _

Card expiry: _ _ / _ _ Cardholder Name: _ _ _ _ _ _ _ _ _ _ _ _ _ _

Cardholder's Signature: _

For further info, please contact MEMKO on 03 8605 7777 or training@memko.com.au
Tax invoices/receipts will be emailed to above email address.

FM-1410

COURSE DESCRIPTION

The course will cover the following topics:
- Introduction to Digital factory
- Understanding the applications of Digital factory
- Designing a Virtual manufacturing Environment
- Understanding resources and material flow in a virtual factory

COURSE OBJECTIVES

Upon completion of this course, students will gain:

- Detailed understanding of layout design & equipment creation
- Ability to set-up a virtual factory
- Assign resources and manage material flow
- Ability to simulate factory flow simulation and measure line behaviours

COURSE LECTURER

George Zacharia
PLM Solutions Architect, MEMKO

George Zacharia is an Industrial Engineering professional with a strong foundation in process modelling, digital manufacturing, and lean transformation. He has applied his expertise across defence, rail, and FMCG sectors, integrating lean principles with data-driven insights to enhance operational performance. George holds a Master of Industrial Engineering from the University of Melbourne and a Bachelor's in Mechanical Engineering from Loyola-ICAM College.

He has led several improvement projects, including optimising workstation layouts, implementing Lean Six Sigma (DMAIC) to reduce downtime, and developing simulation models for different manufacturing environments. His work also includes the design and analysis of manufacturing critical parts, jigs and fixtures using CAD/CAE tools.

At MEMKO, George supports the design and deployment of integrated PLM and digital manufacturing solutions. Recognised for his leadership and results-driven approach, he continues to champion digital transformation and continuous improvement initiatives that bridge engineering, manufacturing, and enterprise systems.

COURSE ACCREDITATION

All participants who successfully complete this microcredential will receive a certificate of completion at the end of the course delivery.

COURSE PREREQUISITES

Students attending this course should be familiar with Systems and Engineering development in general. Specialist engineering qualification is not required to complete this course. This microcredential is suitable for Engineers, Managers, and Business Development.

COURSE FEES

Fee for this 3-day course is $2,100 plus GST. This includes course notes.
Course fees will be returned less a $50 administration fee, upon receipt of a written cancellation notice before Friday 10th April 2026.

MEMKO reserves the right to cancel the course, in which case participants will be notified and the course fee will be returned in full. To avoid potential inconvenience, we recommend delaying any non-refundable travel or leave arrangements until the course is officially confirmed.
Places are limited.