

TafeNSW IAT MMC Opportunities

Page 2/2



TafeNSW IAT CONSTRUCTION STACKING OF SKILLS

Contract Administration Courses

Mircoskills

Introduction to Contract Administration

Foundation Microcredentials

Commercial and Contract Management
Contract Administration Fundamentals
Contract Administration in Construction
Cost Management in Construction
Prepare a Scope of Work in Construction

Intermediate Microcredentials

Alternative Dispute Resolution
Contract Legality in Construction
Cost Estimation in Construction
Sustainable Procurement in Construction

Work Health and Safety (WHS) Courses

Mircoskills

Introduction to Occupational Hygiene

Foundation Microcredentials

Construction Worker Safety - PPE to IoT
Psychosocial Health and Wellbeing
National Construction Code 2022 Updates

Leadership Courses

Foundation Microcredentials

Emerging Leaders in Construction
Frontline Leaders in Construction

Intermediate Microcredentials

Experienced Leaders in Construction

Sustainability Courses

Mircoskills

Introduction to Sustainability in Construction
Introduction to Women in Construction
Introduction to Environmental, Social and Governance in Construction

Foundation Microcredentials

A Sustainable Circular Economy in Construction
Climate Risk and Adaptation in Construction
Modular Construction
Sustainable Design Management in Construction
Sustainability Practices in Construction
Renewable Energy Sources in Construction

Intermediate Microcredentials

Sustainable Building Materials in Construction

Digital Skills Courses

Mircoskills

Introduction to Asset Classes in Construction
Introduction to Digital Skills in Construction
The Role of Building Information Modelling (BIM)

Foundation Microcredentials

2D CAD Drawings and 3D Models
Automation and Robotics in Construction
Building Information Modelling (BIM)
Construction Cloud
Design Management using BIM
Digital Transformation in Construction
Excel in Construction
Introduction to Building Information Modelling
Microsoft Office 365 Foundations
Power BI Fundamentals in Construction
Using Simulation and Simulators
Reality Capture Technologies

Intermediate Microcredentials

5D BIM Cost Estimation in Construction
6D BIM Asset Management in Construction
7D BIM Sustainability in Construction
Advanced Excel in Construction
Digital Twin Technology in Construction

Advanced Microcredentials

Advanced Building Information Modelling (BIM)

Project Management Courses

Mircoskills

Introduction to Project Management

Foundation Microcredentials

Introduction to Project Scope Management
Project Change Management
Project Integration Management
Project Management Foundations
Project Risk Management in Construction
Quality Management in Construction
Schedule Management in Construction
Stakeholder Engagement and Management

Intermediate Microcredentials

Scheduling - Microsoft Project in Construction
Project Scheduling using Primavera
Financial Management in Construction

MMC Courses - Proposed

Mircoskill

Introduction to Modern Methods in Construction

Foundation Microcredentials

Lean and Industrialised Workflows in Construction

Intermediate Microcredentials

MMC and Industrialisation in Construction

MMC SKILLS STACKING

	Course Title	Category	Course Type	Potential MMC Alignment
1	Introduction to Modern Methods (MMC) of Construction (proposed)	Industrialisation	Mircoskill	Terminology, reassembly, offsite processes, and sustainability
2	Modular Construction	Sustainability	Foundation Microcredential	Prefabrication, Modular Construction
3	Lean and Industrialised Workflows in Construction (proposed)	Industrialisation	Foundation Microcredential	
4	Automation and Robotics in Construction	Digital Skills	Foundation Microcredential	Integrates sustainability via BIM across full lifecycle—core to MMC
5	Project Change Management in Construction	Project Management	Foundation Microcredential	
6	Digital Twin Technology in Construction	Digital Skills	Intermediate Microcredential	Supports simulation, monitoring and lifecycle optimisation aligned with MMC principles
7	MMC and Industrialisation in Construction (proposed)	Industrialisation	Intermediate Microcredential	
8.	Sustainable Procurement In construction	Sustainability	Intermediate Microcredential	

New Mircoskill

New Foundation
Microcredential

New Intermediate
Microcredential