

Diploma of Engineering - Technical (Drafting)

MEM50222
CRICOS Code 116717K

COURSE OVERVIEW

This course covers a wide range of units that prepare students for various technical roles in the engineering industry. Students will learn to organise and communicate information effectively, interact with computing technology, and manage themselves in the engineering environment. They will apply mathematical techniques in a manufacturing engineering or related environment and participate in environmentally sustainable work practices. The course also includes training on preparing to work safely in the construction industry, reading and interpreting technical engineering drawings, and providing advanced customer service. Students will learn to interpret technical specifications and manuals, prepare simple cost estimates for manufactured products, and produce engineering drawings.

Nationally Recognised Qualifications

The Certificate IV in Project Management Practice provides you with the essential skills to manage projects successfully in any industry. You'll learn how to effectively oversee project scope, quality, timelines, costs, human resources, communication, procurement, risk, and stakeholder engagement.

Further Study Options at Tech Edge College

- Further study options at Tech Edge College
- Diploma of Project Management
- Advanced Diploma of Program Management
- Advanced Diploma of Engineering
- Advanced Diploma of Civil Construction Design

RECOGNITION OF PRIOR LEARNING ("RPL")

Have you been working for years without a nationally recognised qualification? Are you looking to advance your career, rejoin the workforce, or switch career paths?

HOW YOUR SKILLS MAKE A DIFFERENCE

At Tech Edge College, we value your past skills, knowledge, and work experience. We consider all types of learning—practical, informal, or formal. We offer credit for units based on your competencies, helping you complete your qualification faster.



INTAKES

	2025	2026	2027
	24 Feb	23 Feb	22 Feb
2024	31 Mar	30 Mar	29 Mar
28 Oct	19 May	18 May	17 May
4 Nov	23 Jun	22 Jun	21 Jun
9 Dec	11 Aug	10 Aug	09 Aug
	15 Sep	14 Sep	13 Sep
	3 Nov	2 Nov	1 Nov
	8 Dec	7 Dec	6 Dec



DURATION

up to 52 weeks
(tuition: 40 weeks;
holiday: up to 12 weeks)



ENTRY CONDITIONS

- Aged 18+
- Have completed Year 12 or equivalent
- IELTS 5.5 or equivalent English proficiency

Brisbane Campus

Level 7/269 Wickham Street,
Fortitude Valley, QLD, 4006

✉ info@techedgecollege.com.au

🌐 www.techedgecollege.com.au
RTO 31748 CRICOS 03574D



Build Your Future

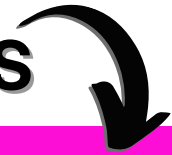


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YOUR PATHWAY TO SUCCESS



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CORE UNITS

MEM16006	Organise and communicate information
MEM16008	Interact with computing technology
MEM22002	Manage self in the engineering environment
MEM30012	Apply mathematical techniques in a manufacturing engineering or related environment
MSMENV272	Participate in environmentally sustainable work practices

ELECTIVE UNITS

MEM09011	Apply basic engineering design concepts
MEM11011	Undertake manual handling
MEM12023	Perform engineering measurements
MEM13019	Undertake work health and safety activities in the workplace
BSBPMG532	Manage project Quality
BSBPMG536	Manage Project Risk
BSBPMG531	Manage Project Time
MEM14006	Plan work activities
MEM16010	Write reports
MEM22013	Coordinate engineering projects
MEM22015	Source and estimate engineering materials requirements
CPCWHS1001	Prepare to work safely in the construction industry
MEM09229	Read and interpret technical engineering drawings
MEM16003	Provide advanced customer service
MEM16012	Interpret technical specifications and manuals
MEM30023	Prepare a simple cost estimate for a manufactured product
MEM30032	Produce basic engineering drawings
MSS403081	Ensure process improvements are sustained
MSS405045	Manage relationships with non-customer external organisations

This qualification requires 12 pre-requisite units
*Electives may be changed at any stage at the discretion of the College.



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