

Advanced Diploma of Engineering

MEM60122

CRICOS Code 116716M

COURSE OVERVIEW

The Advanced Diploma of Engineering is designed to equip students with the technical skills and knowledge required for various engineering roles. This course covers essential areas such as engineering design, project management, and computer-aided drafting (CAD). Throughout the course, students will learn to organize and communicate information effectively, interact with computing technology, and perform various engineering activities. They will also manage themselves in the engineering environment, select common engineering materials, and apply mathematical techniques in a manufacturing engineering or related environment. The course also provides a pathway for further studies in engineering.

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

- Diploma of Project Management
- Advanced Diploma of Program Management
- Diploma of Engineering – Technical (Drafting)
- 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 104 weeks
(tuition: 80 weeks;
holiday: up to 24 weeks)



ENTRY CONDITIONS

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

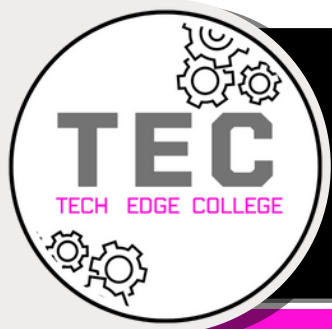


Brisbane Campus

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

✉ info@techedgecollege.com.au

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



Advanced Diploma of Engineering

MEM60122

CRICOS Code 116716M

Advanced Diploma of Engineering

CORE UNITS

MEM16006	Organise and communicate information
MEM16008	Interact with computing technology
MEM22001	Perform engineering activities
MEM22002	Manage self in the engineering environment
MEM30007	Select common engineering materials
MEM30012	Apply mathematical techniques in a manufacturing engineering or related environment
MSMENV272	Participate in environmentally sustainable work practices

ELECTIVE UNITS

CPCWHS1001	Prepare to work safely in the construction industry
MEM09229	Read and interpret technical engineering drawings
MEM11011	Undertake manual handling
MEM12023	Perform engineering measurements
MEM13019	Undertake work health and safety activities in the workplace
MSS403081	Ensure process improvements are sustained
MSS405045	Manage relationships with non-customer external organisations
MSS405078	Lead and manage people within competitive systems and practices
BSBCRT611	Apply critical thinking for complex problem solving
BSBSUS601	Lead Corporate Social Responsibility
BSBHRM611	Contribute to organisational performance development
BSBOPS601	Develop and implement business plans
BSBLDR602	Provide leadership across the organisation
MEM09011	Apply basic engineering design concepts
MEM09204	Produce basic engineering detail drawings
MEM14001	Schedule material deliveries
MEM14002	Undertake basic process planning
MEM14006	Plan work activities
MEM16010	Write reports
MEM22013	Coordinate engineering projects
MEM22015	Source and estimate engineering materials requirements
MEM234028	Produce and manage technical documentation
MEM234029	Produce and manage technical publications

This qualification requires 9 pre-requisite units

*Electives may be changed at any stage at the discretion of the College.

Brisbane Campus

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

 info@techedgecollege.com.au

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

