

Australian Accreditation Centre

Engineering Associate Programs Accredited by Engineers Australia

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Introduction

Accreditation of Programs at the level of Engineering Associate

The Institution of Engineers Australia, now trading as Engineers Australia, evaluates two-year (full time basis) engineering education programs conducted by Australian universities and Registered Training Organisations (RTOs), and accredits those that meet the academic requirements for Engineers Australia membership in the Engineering Associate category. Accreditation is sought on a voluntary basis, and engineering education providers are not obliged to submit programs for evaluation.

Engineers Australia has developed draft guidelines specifically targeting the accreditation of two-year engineering education programs that have been implemented in accordance with a competency based specification of graduate outcomes. This applies in particular to Advanced Diploma programs implemented by RTOs in Australia in accordance with an endorsed National Training Package or a State accredited program specification. The accreditation guidelines provide a framework for the preparation of submission documentation by an RTO seeking accreditation of a particular program offering. The guidelines also provide a basis for the accreditation assessment task, normally conducted by an evaluation panel appointed by the Engineers Australia Accreditation Board.

The evaluation panel considers the operating environment, the educational design and detailed learning and assessment strategy, as well as the underpinning quality systems. The education program will undoubtedly involve a wide range of learning experiences and assessment methods, and may involve a workplace learning component. The key criterion is that the education program assures, for all graduates, an adequate level of attainment of the Engineers Australia's Stage 1 Competency Standard for Engineering Associates (Officers).

List of Accredited Programs

Accredited programs are listed on the engineers Australia website, (within a PDF file format), by educational provider in alphabetical order.

The year shown after each program is the year in which that particular program was first accredited by Engineers Australia. Accreditation covers all graduates from that year onwards, subject to the following paragraph.

After the name of the provider, appears the year in which its next General Review is scheduled. The accreditation term for a fully accredited program will be from the indicated first year of accreditation up to and including the year of the next General Review. This period is usually extended to the first intake of students in the year following the General Review to provide a safety margin for processing of outcomes via the Accreditation Board. Discontinued programs are clearly identified by displaying a final year of accreditation, thus setting the accreditation term.

Students are deemed to have graduated from an accredited program providing they commence studies within the term of accreditation. A student admitted to an accredited program may expect their degree to be recognised for Engineers Australia membership upon completion. Exceptions could be (a) where **students have had a substantial break in their studies, during which accreditation of the program has** ceased; or (b) should exceptional circumstances arise, causing Engineers Australia to terminate accreditation of a program. All such circumstances would be treated on merit in relation to particular students or groups of students.

New programs have provisional accreditation until the first sizeable group of graduates has emerged and full accreditation has been confirmed. Provisional accreditation is denoted by (P) after the date, and indicates that full accreditation is expected but not guaranteed. Students enrolling during a term of provisional accreditation and continuing studies through to graduation without a substantial break will be deemed to have graduated from an accredited program.

Programs may be implemented using a range of modes and pathways such as full-time or part-time on-campus study or workplace learning modes.

Award titles

The award title for accredited programs is frequently the Advanced Diploma, with the field of specialisation indicated. In some cases, a more generic title may only appear on the award testamur with the specialisation not shown. Other possible titles at this level could include the Associate Degree.

ACCREDITED PROGRAMS AT THE LEVEL OF ENGINEERING ASSOCIATE

Central Queensland University, Rockhampton campus

The following programs are accredited for implementation by external delivery mode only:

Associate Degree of Engineering:

Civil	2007
Electrical	2007
Mechanical	2007

Challenger Institute of Technology

The following program is accredited for implementation at Challenger Institute of Technology with learning distributed across its Beaconsfield, Henderson and ACEPT campuses.

Advanced Diploma of Engineering: Mechanical 2010

(Program implemented in accordance with: National Training Package MEM05 V3 Metals and Engineering – national registration code number MEM60105 Advanced Diploma of Engineering Mechanical (WT53) through to December, 2011, and in accordance with: National Training Package MEM05 V4 Metals and Engineering - national registration code number MEM60111 Advanced Diploma of Engineering (WA95) from 2012 onwards.)

Chisholm Institute of TAFE

The following programs are accredited for implementation at the Chisholm Institute Dandenong campus

Advanced Diploma of Engineering Technology (National Code No 21622VIC) in:

Mechanical Design	2006
Robotics and Mechatronics	2006

Advanced Diploma of Electronics and Communications Engineering
(National Code No UEE60210) 2011-2013 (P)

Advanced Diploma of Electronics and Communications Engineering
(National Code No UEE60211) 2012 (P)

Engineering Institute of Technology

The following programs are accredited for implementation at the Engineering Institute of Technology

Advanced Diploma of Industrial Automation (52403WA)
Advanced Diploma of Applied Electrical Engineering (52465WA)

2013 (P) August entry
2013 (P) August entry

Gordon Institute of TAFE

The following programs are accredited for implementation at the Gordon Institute of TAFE, East Geelong campus.

Advanced Diploma of Engineering Technology (National Code No 21622VIC) in:
Mechanical 2010(P)

RMIT University, City Campus

The following programs are accredited for implementation at the Melbourne city campus of RMIT University

Associate Degree in Engineering Technology 2014

With majors in:

- Mechanical
- Aerospace
- Electrical and Electronics
- Computer and Network
- Civil

Associate Degree in Engineering Technology in:

Civil Engineering	2009- 2013
Electrical/Electronics	2006- 2013
Mechanical (<i>formally Design and Development</i>)	2006- 2013
Network Engineering	2008- 2013

Advanced Diploma of Engineering (National Code Number MEM60111)	
Mechanical stream	2013 (P)
Aeronautical stream	2013 (P)

Advanced Diploma of Engineering Technology – Electrical (National Code Number UEE62111)	2013(P)
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Advanced Diploma of Electronics and Communications Engineering (National Code Number UEE60211)	2013(P)
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Advanced Diploma of Computer Systems Engineering (National Code Number UEE60411)	2013(P)
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Southbank Institute of Technology

The following program is accredited for implementation at the Southbank Institute of Technology, Southbank campus, South Brisbane:

University of Southern Queensland

The following programs are accredited for implementation at the University of Southern Queensland Toowoomba Campus

Associate Degree:

Agricultural Engineering	2009 (P)
Civil Engineering	2009 (P)
Computer Systems Engineering	2009 (P)
Electrical and Electronic Engineering	2009 (P)
Environmental Engineering	2009 (P)
Mechanical Engineering	2009 (P)
Power Engineering	2009 (P)

Accreditation includes both on-campus and external modes of study