



RII50520 DIPLOMA OF CIVIL CONSTRUCTION DESIGN

CRICOS COURSE CODE: 107304F



ABOUT THIS COURSE

RII50520 Diploma of Civil Construction Design

Qualification reflects the role of individuals working as designers or design paraprofessionals who support professional engineers. They perform tasks involving a high level of autonomy and requiring the application of significant judgement in planning and determining the selection of equipment/roles/techniques for themselves and others. They are required to develop site specific work designs to ensure the implementation of the client's site requirements. They demonstrate the application of a broad range of technical, managerial, coordination and planning skills.

Students will learn the calculation, estimation and foundation measurement of civil construction projects. Students will also get an opportunity to establish required skill and knowledge in relation to detail drafting, technical specification and bills of the quantities for the building projects.

COURSE DURATION:

This course is delivered over a period of 65 weeks. The course duration breakdown is below:

- ✓ 55 Weeks of scheduled study/tuition (5 terms of 11 weeks each)
- ✓ 10 Weeks of scheduled breaks/holidays (5 breaks of 2 weeks)

NOTES

1. A minimum of 20 contact hours per week of study/tuition have been scheduled by the Australian College of Management and Innovation - to ensure students meet their applicable study visa conditions.
2. The course duration may vary for students who have been granted Credit Transfer (CT) or Recognition of Prior learning (RPL) towards this course (e.g., students having completed any units in a previous qualification, course, or training package that have been assessed as equivalent to units within this qualification).
3. There is no work placement requirement for this Course.

COURSE FEES

Tuition Fees: **AUD 16,000**

Course Material Fees: **AUD 1,000**

Application Fee is non-refundable: **AUD 250**

Note: The course material fees cover certain equipment and resources used in the delivery of this course.

Note: Promotional options may be available. For detailed information, kindly contact your agent or the ACMi admissions team.

Campus Address:

Level 2 / 150-152 Adelaide Terrace, East Perth, WA 6004
33 Archer Street, Carlisle Western Australia 6101

Construction Workshop 1:

Unit 5, 25 Owen Rd, KELMSCOTT 6111 WA.

Construction Workshop 2:

Unit 1, 37 Gillam Dr, KELMSCOTT 6111 WA.

Admissions: admissions@acmi.wa.edu.au

Marketing: marketing@acmi.wa.edu.au

Website: www.acmi.wa.edu.au



STUDENT ORIENTATION SESSIONS INFORMATION

A culturally sensitive and age-appropriate orientation session is provided to all new students enrolling with ACMi, these are conducted in support of assisting students (and their families) to adjust to living in Australia, commencing their study and achieving the academic progress as outlined in their Training Plans. All information is to be provided without cost to the student. Our orientation program is accessible to all overseas students and allows for late arrivals and students who begin at different entry points.

Information provided at our orientation sessions is also available to prospective and current students via our International Student Handbooks and on our ACMi website (at www.acmi.wa.edu.au). Our orientation sessions include information for international students studying in Australia and will include:

- Support services available to assist in the transition into life and study in Australia
- Legal services
- Information on visa conditions relating to course progress and, if applicable, attendance
- Emergency and health services i.e., police, hospitals, fire, ambulance
- English language and study assistance programs
- Personal and crisis support services available and how to access them
- Information on employment rights and conditions, resolving workplace issues and services available such as the Fair Work Ombudsman
- Key points and information on housing and accommodation with regulators contact information
- Australian currency, banking and shopping
- Personal security and safety

LICENSING/REGULATORY INFORMATION

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

CAREER OPPORTUNITIES

- Civil Engineering Design Draftsperson
- Plumbing Engineering Draftsperson
- Road Design Draftsperson
- Sewage Reticulation Drafting Officer
- Structural Engineering Drafting Officer

INTAKE DATES:

2026: 5 Jan, 9 Feb, 30 Mar, 11 May, 29 Jun, 10 Aug,
28 Sep, 9 Nov, 28 Dec

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COURSE DETAIL

DELIVERY METHODS

This course is delivered face to face and is classroom-based. All units are delivered and assessed using a combination of the following instructor-led methods; face-to-face in classrooms, simulated business environments, laboratories, site locations, and open field settings, with learning and assessment resources accessed through an approved E-learning platform.

ENTRY REQUIREMENTS

To ensure an appropriate learning opportunity, candidates need to demonstrate a capacity to undertake study at Diploma level, this can be demonstrated via the following:

English Language (International Students)

IELTS Academic 6.0 Or PTE Academic Test Score of minimum 50 in each component or others equivalent (e.g., TOEFL, ISLPR, CSWE, General English, EAP) English language test scores.

Academic Level: Year 12 or equivalent high school certificate.

Minimum Age: 18 years or over at the time of commencement.

Note: Students who do not meet the minimum English requirement for this course will need to package this course with an appropriate English Course before they can proceed into this course/qualification.

RECOGNITION OF PRIOR LEARNING (RPL) / CREDIT TRANSFER (CT)

Australian College of Management and Innovation provides Recognition of Prior Learning (RPL) and Credit Transfer (CT) opportunities to all students. Learners may apply for RPL/CT prior to or immediately after formal enrolment, but before the facilitated delivery of units, to ensure they do not miss any class or workshop opportunities offered should they be unsuccessful in the RPL process.

ASSESSMENT

Each unit will be assessed using a combination of assessment resources and tools which may include; compiling portfolios, generating reports, Scenarios, role-plays, demonstrations/ observations within simulated Business/workplace environment, case studies, questions and answers and CAD drafting training and assessments.

LANGUAGE, LITERACY, NUMERACY, DIGITAL (LLND) SUPPORT

For all students, LLND is key underpinning skill that will support each individual's vocational learning, the development of their employability skills and their workplace communication skills whatever level of course or training they are doing. Accordingly, Australian College of Management and Innovation has a LLND Policy to guide the student support process with LLND.

TRAINING PACKAGE RULES

The RII50520 Diploma of Civil Construction Design, training package requires students to successfully achieve the total of 20 elective units. Refer to <https://training.gov.au/Training/Details/RII50520> Based on the course outcomes and training package requirements, the following units of competency have been sequentially selected for this qualification.

Unit Code	Unit Title
MEM23004A	Apply technical mathematics
MEM30012A	Apply mathematical techniques in a manufacturing engineering or related environment
MEM23109	Apply engineering mechanics principles
MEM30005A	Calculate force systems within simple beam structures
MEM30006A	Calculate stresses in simple structures
CPPSIS5032	Capture new spatial data
CPPSIS5035	Obtain and validate spatial data
MSL973022	Conduct laboratory-based acceptance tests for construction materials
MEM30031A	Operate computer-aided design (CAD) system to produce basic drawing elements
MEM30033A	Use computer-aided design (CAD) to create and display 3D models
CPPBDN6106	Produce building information modelling for building design projects
CPPCOM4001	Manage own work, professional development and ethical behavior
RIICWD501E	Prepare detailed design of foundations
RIICWD505E	Prepare detailed design of landscaping
RIICWD507D	Prepare detailed geotechnical design
RIICWD533E	Prepare detailed design of civil concrete structures
RIICWD536E	Prepare detailed design of civil masonry, crib and gabion structures
BSBPMG531	Manage project time
BSBPMG537	Manage Project procurement
BSBSTR601	Manage innovation and continuous improvement

ACADEMIC PATHWAYS

Pathways for the students who have successfully completed the RII50520 Diploma of Civil Construction Design are the following:

- ☒ RII60520 Advanced Diploma of Civil Construction Design
- ☒ Or another relevant Advanced Diploma qualification

Australian College of Management and Innovation shall provide students with the required information regarding their pathway options as a part of student support.

Note: As each unit is delivered as a standalone unit, students who do not successfully achieve competency in all of the required 20 units for this qualification / course, will not be awarded this qualification. However, students who successfully achieve competency in some units of this qualification can be issued with a Statement of Attainment for those individual units.

REQUIRED RESOURCES

Students will have access to all the necessary resources such as lecture rooms, student amenities, free wi-fi internet connection, library access, and course learning materials to enhance their learning experience and complete their assignments.

Students must bring their own required PPE for all site visits and lab activities. Required items include steel-capped safety boots, high-visibility clothing, safety goggles, and any other relevant gear as advised. PPE must be in good condition and meet safety standards. Without appropriate PPE, students may be excluded from practical tasks. Students must bring their own devices and learning equipment (e.g. laptop, calculator, stationery) and be physically fit to participate in practical activities, site visits, and laboratory work.

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