LEAD COLLEGE
RTO ID: 41489 I CRICOS Code: 03636F

Advanced Diploma of Civil Construction Design

Course Code: RII60520 | CRICOS Code: 105236G

Duration: 36 Weeks

Course Description

This qualification reflects the role of a senior civil works designer or para-professional designer who supports professional engineers. Individuals in this role undertake broad, specialised, complex, and technical tasks, including strategic planning and project initiation. They are responsible for designing complex projects that meet the client's site requirements and demonstrate self-directed application of theoretical and technical knowledge, proactively developing solutions to technical and management challenges.

Licensing or Regulatory Requirements

Licensing, legislative and certification requirements that apply to this qualification can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the qualification.

Mode of Delivery

This program is delivered and assessed through a combination of classroom-based learning, simulated industry workplace activities, and supervised online study. Learners are also expected to complete approximately 10 hours per week of unsupervised study, including reading, research, and revision of previous lessons.

Target Group / Learner Cohort

The RII50520 Diploma of Civil Construction Design is suited to students who are:

- Aspiring to build a career as a Civil Engineering Draftsperson
- Seeking pathways to higher education qualifications

Resources Required

Student must have a personal electronic device such as a laptop or iPad.

1. Provided by Lead college:
2. Relevant support materials for delivery and assessment areas
3. Current assessment tools used in the program
4. Resources to support learners with special needs, including reasonable adjustment procedures
5. Equipment and facilities aligned with unit requirements

Assessment Methods

Assessment methods may include, but are not limited to: direct observation of practical tasks, oral and written questioning, completion of workbooks, simulated workplace activities, interviews, and third-party reports.

The selected assessment strategies have been designed to suit both the qualification outcomes and the characteristics of the target learner group. These methods ensure fair, flexible, valid, and reliable assessment practices are applied.

Entry Requirements

The following are the Admission requirements of Lead college:

- Must be 18 years of age or older at the time of course commencement.
- Prospective students may be required to undertake a Language, Literacy and Numeracy (LLN) and/or a pre-enrolment interview.
- Must have Completed RII50520 Diploma of Civil Construction Design Lead College or another institute with similar elective.
- Must demonstrate English level of IELTS 6.0 overall with no band less than 5.5 or equivalent, such as:
    I. IBT 60
    II. PTE 50
    III. CAE 169
    IV. OET B
    V. General English Advanced or equivalent
    VI. MOI Certificate
    VII. Duolingo 95
    VIII. MET
    IX. LANGUAGECERT Academic

X. CELPIP General

XI. Certificate IV or higher qualification with an Australian institution.

- Must have basic digital literacy, including the ability to confidently use the internet and common software applications for learning purposes, completing assignments, and engaging with course content.
- Must be able to participate in training within a simulated workplace environment, including performing manual handling tasks.

Packaging Rules Units of Competency

To achieve this qualification, the candidate must demonstrate competency in:

Total number of units = 12

5 core units plus

7 elective units

https://training.gov.au/training/details/RII60520/qualdetails

Units Of Competency

The RII60520 – Advanced Diploma of Civil Construction Design requires the completion of the following 12 Units (including 5 core and 7 electives).

Core Units – 5

BSBWHS616	Apply safe design principles to control WHS risks
RIIQUA601E	Establish and maintain a quality system
BSBPMG632	Manage program risk
RIICWD601E	Manage civil works design processes
BSBTWK502	Manage team effectiveness

Elective Units – 7

RIICWD533E	Prepare detailed design of civil concrete structures
RIICWD507D	Prepare detailed geotechnical design
RIICWD509E	Prepare detailed design of urban roads
RIILAT402E	Provide leadership in the supervision of diverse work teams
RIICWD532E	Prepare detailed design of tunnels
BSBPMG531	Manage project time
BSBSTR601	Manage innovation and continuous improvement

**** Please note: Electives are subject to change to meet client and industry requirements.**

Career Pathways

This qualification enables the student to seek employment in the following job roles:

- Engineering Associate
- Civil Draft Person

Pathway Qualification

After completing RII60520 – Advanced Diploma of Civil Construction Design you may progress to higher education courses.

Recognition of Prior Learning (RPL) and Credit Transfer

Lead College recognises qualifications and Statements of Attainment issued by other registered training organisations (RTOs), unless restricted by licensing requirements. We offer Credit Transfer for completed units or subjects that match those in your course.

Recognition of Prior Learning (RPL) allows you to have your existing skills and knowledge gained through work, life experience, or unaccredited training formally recognised. During your entry and interview, we will discuss RPL options with you. If eligible, you will receive a kit to help gather evidence and demonstrate your competencies for relevant units. Review our Credit Transfer and RPL Policy https://www.leadcollege.edu.au/credit-transfer-rpl/ or fill in the form with required evidence https://www.leadcollege.edu.au/application-for-credit-transfer/

Fee

Take advise from Admissions Officer admission@leadcollege.edu.au