



ALPHA COLLEGE OF AUSTRALIA

RII60520 Advanced Diploma of Civil Construction Design

CRICOS Course Code 115311G



This qualification reflects the role of an individual working as a senior civil works designer or a para-professional designer, who supports professional engineers. They perform tasks that are broad, specialised, complex and technical and include strategic areas and initiating activities. They are responsible for the design of complex projects to ensure the implementation of the client's site requirements and are required to demonstrate self-directed application of theoretical and technical knowledge and initiate solutions to technical problems or management requirements.

Quick Facts



Course Duration

Total of 104 weeks
Study: 80 weeks | Break: 24 weeks



Study Load

Full-time
20 hours per week/8 terms



Delivery Mode

Face-to-face

Course Structure

The following units are included in this course and all are required for the award of the qualification. Students who only complete some units will be awarded with a Statement of Attainment for units successfully completed. There are 12 units of competency in total, which include 5 core units and 7 elective units.

Unit Code	Unit Name	Core	Elective
BSBPMG632	Manage program risk	•	
BSBTWK502	Manage team effectiveness	•	
BSBWHS616	Apply safe design principles to control WHS risks	•	
RIICWD601E	Manage civil works design processes	•	
RIIQUA601E	Establish and maintain a quality system	•	
BSBSTR601	Manage innovation and continuous improvement		•
BSBOPS601	Develop and implement business plans		•
RIICWD526E	Prepare detailed traffic analysis		•
RIICWD512E	Prepare detailed design of motorways and interchanges		•
RIILAT402E	Provide leadership in the supervision of diverse work teams		•
MEM30031	Operate computer-aided design (CAD) system to produce basic drawing elements		•
BSBCRT611	Apply critical thinking for complex problem solving		•

Assessment Methods

Assessments will be conducted in a variety of formats which can include written questions and answers, projects, simulations, demonstrations, and third-party logbook.

Job Outcomes

People who successfully complete the qualification can be employed as Civil Engineering Draftsperson.

Entry Requirements

- Be at least 18 years of age.
- Have completed study of Year 12 or equivalent.
- Proof of English language proficiency: IELTS 6.0 or equivalent.

Study Pathways

People may further studies in courses at Bachelor AQF 7 level in related Engineering fields.

Credit Transfer

Alpha College of Australia (ACA) recognises qualifications and Statements of Attainment issued under the Australian Qualifications Framework by Registered Training Organisations.

